**OPEN SOURCE SOFTWARE NOTICE**

Please note we provide an open source software notice along with this product and/or this product firmware (in the following just "this product"). The open source software licenses are granted by the respective right holders. And the open source licenses prevail all other license information with regard to the respective open source software contained in the product, including but not limited to End User Software Licensing Agreement. This notice is provided on behalf of Huawei Technologies Co. Ltd. and any of its local subsidiaries which may have provided this product to you in your local country.

**Warranty Disclaimer**

**THE OPEN SOURCE SOFTWARE IN THIS PRODUCT IS DISTRIBUTED IN THE HOPE THAT IT WILL BE USEFUL, BUT WITHOUT ANY WARRANTY, WITHOUT EVEN THE IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SEE THE APPLICABLE LICENSES FOR MORE DETAILS.**

**Copyright Notice and License Texts**

**Software:** @babel/parser 7.22.10

**Copyright notice:**

Copyright (c) 2014-present Sebastian McKenzie and other contributors(c) 2014-2023 Denis PushkarevCopyright (c) 2011-2017 KARASZI Istvan <github@spam.raszi.hu>Copyright OpenJS Foundation and other contributorsCopyright JS Foundation and other contributorsCopyright (c) 2014-2015 Jason Quense <jason@quense.me>Copyright (c) 2012 Yusuke Suzuki <utatane.tea@gmail.com>Copyright (c) 2014-present, Facebook, Inc.Copyright (c) 2012-2014 by various contributorsCopyright (c) jQuery Foundation, Inc. and ContributorsCopyright 2020 Bloomberg Finance L.P.Copyright (c) 2012-2013 Ecma InternationalCopyright (c) 2015 Jed WatsonCopyright 2013-2015, Facebook, Inc.

**License:** MIT License

The MIT LicenseCopyright (c) <year> <copyright holders>Permission is hereby granted, free of charge, to any person obtaining a copyof this software and associated documentation files (the "Software"), to dealin the Software without restriction, including without limitation the rightsto use, copy, modify, merge, publish, distribute, sublicense, and/or sellcopies of the Software, and to permit persons to whom the Software isfurnished to do so, subject to the following conditions:The above copyright notice and this permission notice shall be included inall copies or substantial portions of the Software.THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS ORIMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THEAUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHERLIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS INTHE SOFTWARE.

**Software:** @types/http-proxy 1.17.11

**Copyright notice:**

Copyright 2018 Esri(c) 2012 Witold Szczerba(c) 2013 Jonathan Park Daptiv Solutions Inccopyright 2002 BlueCopyright (c) Martin Costello, 2017Copyright (c) Microsoft CorporationCopyright (c) Microsoft and contributorsCopyright (c) 2013 Brandon Aaron (http://brandonaaron.net)Copyright (c) 2016 unionalCopyright (c) 2012-2013 Mattia LarentisCopyright (c) 2015 Jonathan PetersonCopyright (c) 2014 Jonathan PetersonCopyright (c) 2012-2013 Josh Baldwin https://github.com/jbaldwin/box2dweb.d.tsCopyright (c) 2006-2007 Erin Catto http://www.gphysics.comCopyright (c) 2012 Josh Baldwin https://github.com/jbaldwin/box2dweb.d.ts(c) 2016 Schneeweis.TechnologyCopyright (c) Microsoft Open Technologies, Inc.Copyright (c) Microsoft Open Technologies IncCopyright (c) 2012 Pedro FerreiraPortions Copyright (c) Microsoft CorporationCopyright (c) 2012 Blue Spire Consulting, Inc.Copyright 2020, Dynamsoft CorporationCopyright 2017, Dynamsoft CorporationCopyright 2019, Dynamsoft CorporationCopyright 2018, Dynamsoft CorporationCopyright (c), 2010, Sanford, L.P.(c) 2013 DYMO Label Inside OutCopyright Syncfusion Inc. 2001 - 2021Copyright (c) 2019 David Mark Clementscopyright 2009-2013 Jeremy Ashkenas, DocumentCloud Inc.copyright 2014-2015 Jon SchlinkertCopyright (c) Acme Healthcare and GoodCorp(c) HL7.org 2011(c) HL7.org 2011copyright (c) 1995 Regenstrief Institute, Inc. and the LOINC Committee(c) Copyright 2016 Motive Medical IntelligenceCopyright (c) Acme Healthcare and GoodCorp EHR Systems','kind':'instance', instantiates' http://ihe.org/fhir/CapabilityStatement/pixm-client(c) 2008-2016 National Committee for Quality Assurancecopyright 2004-2015 American Medical Associationcopyright 2004-2015 Regenstrief Institute, Inc.copyright 2004-2015 International Health Terminology Standards Development Organisationcopyright 2015 World Health Organization(c) 2015 Regenstrief Institute(c) 2015 Regenstrief(c) HL7.org 2011+','metadata' link' url' http://hl7.org/fhir/patient.html','description':'Demographics(c) Copyright Cognitive Medical Systems, Inc.Copyright (c) Autodesk, Inc.Copyright (c) 1998-2016 by Northwoods Software CorporationCopyright (c) 2014 https://github.com/Dashue(c) http://openstreetmap.org'>(c) http://cloudmade.com'>Copyright (c) 2016-2018 Permissioncopyright note, e.g. DigitalGlobe 2009copyright 2009 DigitalGlobe, Inc.Copyright (c) Caolan McMahonCopyright 2020-2021. Huawei Technologies Co., Ltd.Copyright (c) 2018 Brannon Dorsey <brannon@brannondorsey.com>Copyright (c) 2016 GPC.solutionsCopyright (c) 2018 https://propelmypr.comCopyright (c) 2013, uxebu Inc.Copyright (c) 2013 Josh Baldwin https://github.com/jbaldwin/gridster.d.tsCopyright 2011Copyright (c) 2013 Brian M Hunt(c) CloudMade(c) http://openstreetmap.org/copyright'>(c) http://osm.org/copyright'>(c) 2013 OpenStreetMap(c) http://www.openstreetmap.org/copyright'>Copyright (c) 2014 Oliver NightingaleCopyright (c) 2013 ISC.Copyright 2016 Google Inc.Copyright (c) 2018 Tencent, Inc.Copyright (c) 2012, Lawrence S. Maccherone, Jr. https://github.com/lmaccherone/node-localstorage(c) Acme Inc.(c) Bacme Inc.(c) Dean McNamee <dean@gmail.com> , 2013. Node(c) + http://www.opencyclemap.org/'>copyright LocalizedName description LocalizedNameCopyright (c) 2021 SAP SECopyright (c) 2022 SAP SECopyright (c) 2013 Josh Baldwin https://github.com/jbaldwin/parallel.d.tscopyright 2013 Dylancopyright Maybe authorsCopyright (c) Facebook, Inc. and its affiliatesCopyright (c) 2013 Josh Baldwin https://github.com/jbaldwin/require.d.tsCopyright (c) 2020 Target Brands, Inc.Copyright (c) 2020 Zurab BenashviliCopyright Wernham HoggCopyright (c) 2013 Josh Baldwin https://github.com/jbaldwin/SlickGrid.d.tscopyright object (https://developer.spotify.com/web-api/object-model/)(c) 2013 Universal Island Records(c) 2012 Universal Island Records(c) 2010 Universal Island Records Ltd. A Universal Music(c) 2013 Soblue Music Group AB, Under(c) 2017 Spotify ABCopyright (c) 2007 James CoglanCopyright (c) 2007 James Coglan Extended(c) 2016 exportCopyright (c) 2012 by Steema Software SL.Copyright 2016 let slide TL.ITimelineSlideDataCopyright 2018 bterlson <https://github.com/bterlson/strict-event-emitter-types>Copyright (c) 2012-2013 Franz AntesbergerCopyright 2010 to 2015 PrismTech Limited and its licenseesCopyright (c) 2012 The Chromium AuthorsCopyright 2014 The Chromium AuthorsCopyright 2013 The Chromium AuthorsCopyright (c) 2013 Josh Baldwin https://github.com/jbaldwin/zepto.d.ts

**License:** MIT License

Please see above

**Software:** @types/lodash 4.14.197

**Copyright notice:**

(C) Copyright 1997,2004 International Business Machines Corporation.(C) Copyright IBM Corp. 2003.Copyright 2002 JSON.org.Copyright 2001-2003 (c) World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)Copyright 2006-2009 James Murty.copyright (c) 1999, IBM Corporation., http:www.ibm.com.copyright (c) 1999, Sun Microsystems., http:www.sun.com. - voluntary contributions made by Paul Eng on behalf of the Apache Software Foundation that were originally developed at iClick, Inc.,copyright (c) 2000-2003, BEA Systems, <http:www.bea.com/>.Copyright (C)Copyright (C) 1989, 1991 Free Software Foundation, Inc.Copyright (C) 1989, 1991 Free Software Foundation, Inc. 59 Temple Place, Suite 330, Boston, MA 02111-1307 USACopyright (C) 1997 - 2002, Makoto Matsumoto and Takuji Nishimura,Copyright (C) 1997 - 2002, Makoto Matsumoto and Takuji Nishimura, All rights reservedCopyright (C) 1999, 2000, 2002 Aladdin Enterprises.Copyright (C) 1999-2017, QOS.ch.Copyright (C) 2000-2012 Jason Hunter & Brett McLaughlin.Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org).Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>Copyright (C) 2006-2007 Valek Filippov (frob@df.ru)Copyright (C) 2008-2016, SpryMedia Ltd.Copyright (C) 2011-2014, Yann Collet.Copyright (c) 1992-2008 The University of Tennessee.Copyright (c) 1995-2000 by the Hypersonic SQL Group.Copyright (c) 1997, PostgreSQL Global Development GroupCopyright (c) 1998-2011, Brian Wellington.Copyright (c) 1999-2009, OW2 Consortium <http:www.ow2.org/>Copyright (c) 1999-2009, OW2 Consortium <https:www.ow2.org/>Copyright (c) 2000-2003, BEA Systems, <http:www.bea.com/> (dead link), which was acquired by Oracle Corporation in 2008.Copyright (c) 2000-2006, www.hamcrest.orgCopyright (c) 2000-2011 INRIA, France TelecomCopyright (c) 2001-2016, Arno UnkrigCopyright (c) 2001-2016, The HSQL Development GroupCopyright (c) 2002,2003, Stefan Haustein, Oberhausen, Rhld., Germany.Copyright (c) 2002-2006, Marc Prud'hommeaux <mwp1@cornell.edu>Copyright (c) 2002-2022 Pivotal, Inc.Copyright (c) 2004, Drew Davidson and Luke BlanshardCopyright (c) 2004, Ernst HairerCopyright (c) 2004-2007 QOS.chCopyright (c) 2004-2013 QOS.chCopyright (c) 2004-2017 QOS.chCopyright (c) 2005 Brian Goetz and Tim Peierls.Copyright (c) 2005 Brian Goetz and Tim Peierls. See http:www.jcip.netCopyright (c) 2005, Graph BuilderCopyright (c) 2006 Paul Hammant & ThoughtWorks IncCopyright (c) 2007 Thomas Porschberg <thomas@randspringer.de>Copyright (c) 2007-present, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2009 The Go Authors.Copyright (c) 2009 codehaus.org.Copyright (c) 2009-2014 FedICT (federal ICT department of Belgium), e-Contract.be BVBA (https:www.e-contract.be), Bart Hanssens from FedICTCopyright (c) 2009-2018, Barthelemy Dagenais and individual contributors.Copyright (c) 2010 - 2021 The OSHI Project Contributors: https:github.com/oshi/oshi/graphs/contributorsCopyright (c) 2010 Aleksander WilliamsCopyright (c) 2010-2020 Nathan RajlichCopyright (c) 2011 FuseSource Corp.Copyright (c) 2011 The LevelDB Authors.Copyright (c) 2012, 2013, 2014 Gil TeneCopyright (c) 2012-2019, Javolution (http://javolution.org/)Copyright (c) 2013-2014 Rico Sta. CruzCopyright (c) 2013-present Evan YouCopyright (c) 2014 Ivan BozhanovCopyright (c) 2014, Nathan LaFreniere and other contributorsCopyright (c) 2014, The Fira Code Project Authors (https:github.com/tonsky/FiraCode)Copyright (c) 2014-2022 Anthon van der Neut, Ruamel bvbaCopyright (c) 2014-present Matt ZabriskieCopyright (c) 2015 InbotCopyright (c) 2015-2016 TIBCO Software Inc.Copyright (c) 2016 - present Microsoft CorporationCopyright (c) 2016 kazuya kawaguchiCopyright (c) 2016, Google Inc.Copyright (c) 2016-2020 The Inter Project Authors.Copyright (c) 2017 Toru NagashimaCopyright (c) 2017, 2018 Oracle and/or its affiliates.Copyright (c) 2017, 2018, 2019, 2020, 2021, 2022 Simon Lydell and contributorsCopyright (c) 2018 Alipay.incCopyright (c) 2018 Brody McKeeCopyright (c) 2018 Copyright 2018 Klaus Hartl, Fagner Brack, GitHub ContributorsCopyright (c) 2018 Oracle and/or its affiliates.Copyright (c) 2018-present, Yuxi (Evan) YouCopyright (c) 2019-PRESENT Anthony Fu<https:github.com/antfu>Copyright (c) 2019-present Eduardo San Martin MoroteCopyright (c) 2019-present, Yuxi (Evan) You and Vite contributorsCopyright (c) 2020-present, VbenCopyright (c) 2021 Sacha 'PraZ' Bouillez <https:github.com/prazdevs>Copyright (c) 2021 Sasha Koss and Lesha Koss https:kossnocorp.mit-license.orgCopyright (c) 2021 TuSimpleCopyright (c) 2021-2022 Alipay.incCopyright (c) 2021-present Johnson ChuCopyright (c) Microsoft Corporation.Copyright (c) OSGi Alliance (2000, 2007).Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https:sindresorhus.com)Copyright 1995-2016 Mort Bay Consulting Pty Ltd.Copyright 1995-2018 Mort Bay Consulting Pty Ltd.Copyright 1998-2008 The OpenLDAP FoundationCopyright 1999-2005 The Apache Software FoundationCopyright 1999-2007 The Apache Software FoundationCopyright 1999-2017 Apache Software FoundationCopyright 1999-2018 Alibaba Group Holding Ltd.Copyright 1999-2021 Alibaba Group Holding Ltd.Copyright 2001-2007 The Apache Software FoundationCopyright 2001-2012 The Apache Software FoundationCopyright 2001-2016 The Apache Software FoundationCopyright 2002 Niels Provos <provos@citi.umich.edu>Copyright 2002-2010 the original author or authorsCopyright 2002-2011 The Apache Software FoundationCopyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris BeamsCopyright 2002-2020 The Apache Software FoundationCopyright 2003-2006 Greg LuckCopyright 2003-2013 The Apache Software FoundationCopyright 2003-2020 The Apache Software FoundationCopyright 2004 Jason Paul KitchenCopyright 2004-2018 The Apache Software FoundationCopyright 2004-2020 the original author or authors.Copyright 2004-present by the Checker Framework developersCopyright 2005-2006 Tim FennellCopyright 2005-2015 The Apache Software FoundationCopyright 2006-2011 Google, Inc.Copyright 2006-2019 Joe Walnes, Henri Tremblay, Leonardo MesquitaCopyright 2008 The Apache Software FoundationCopyright 2008,2009,2010 Massachusetts Institute of Technology.Copyright 2008-2008 DataNucleusCopyright 2008-2013 DataNucleusCopyright 2009 David Yu dyuproject@gmail.comCopyright 2009-2014 The Apache Software FoundationCopyright 2010 Adam GentCopyright 2010 CS Systèmes d'InformationCopyright 2010 The Apache Software FoundationCopyright 2010 Wallace WadgeCopyright 2010-2012 Amazon.com, Inc. or its affiliates. All Rights Reserved.Copyright 2010-2012 CS Systèmes d'InformationCopyright 2010-2012 Twitter, Inc.Copyright 2010-2013Copyright 2011 Dain Sundstrom <dain@iq80.com>Copyright 2011 FuseSource Corp. http://fusesource.comCopyright 2011, Google Inc.Copyright 2011-2017 The Apache Software FoundationCopyright 2011-2019 hubin.Copyright 2012-2017 Gunnar Morling (http:www.gunnarmorling.de/)Copyright 2013 ARRIS, Inc.Copyright 2013 Google LLCCopyright 2013 Lukas Nalezenec.Copyright 2013 The Apache Software FoundationCopyright 2014 - 2019 Rafael WinterhalterCopyright 2014 PalletsCopyright 2014 The Apache Software FoundationCopyright 2014 The Netty ProjectCopyright 2014 The gRPC AuthorsCopyright 2014, Google Inc.Copyright 2015-2015 DataNucleusCopyright 2016 SmartBear SoftwareCopyright 2016 YANDEX LLCCopyright 2017 JaywayCopyright 2017 Remko PopmaCopyright 2017 小明Copyright 2018 CoreOS, IncCopyright 2019 Google LLCCopyright 2019-2022 The Apache Software FoundationCopyright © 2003-2009 SciPy Developers.Copyright © 2017 Andres Suarez and Teddy KatzCopyright © 2017 IBM Corp. with Reserved Font Name "Plex"Copyright © 2018 Marnus WeststrateCopyright(c) 2016 Microsoft CorporationPortions Copyright (c) 1992-1996 Regents of the University of Michigan.Portions Copyright (c) 2001-2011 Vladimir LysyyPortions Copyright 1998-2003 Hallvard B. Furuseth.Portions Copyright 1998-2006 Net Boolean Incorporated.Portions Copyright 1998-2008 Kurt D. Zeilenga.Portions Copyright 1999-2007 Howard Y.H. Chu.Portions Copyright 1999-2007 Symas Corporation.Portions Copyright 2001-2006 IBM Corporation.Portions Copyright 2007 Gavin HenryPortions Copyright 2007 Suretec SystemsPortions created by are Copyright (C) . All Rights Reserved.Copyright 2001-2003 (c) World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.Copyright (c) 1995-2008 International Business Machines Corporation and otherscopyright (C) 1996-2019 Julian R Seward.Copyright (C) 2009 Free Software Foundation, Inc.Copyright (c) 1999-2003 Apache Software Foundationcopyright 2009 by www.imdict.net.﻿Copyright (c) 2001-2022 Anders Moeller﻿Copyright (c) 2005, European Commission project OneLab under contract﻿Copyright (c) 2009-2018, Barthelemy Dagenais and individual contributors.

**License:** MIT License

Please see above

**Software:** @types/lodash-es 4.17.8

**Copyright notice:**

Copyright (c) Microsoft Corporation

**License:** MIT License

Please see above

**Software:** @types/web-bluetooth 0.0.16

**Copyright notice:**

Copyright (c) Microsoft Corporation.

**License:** MIT License

Please see above

**Software:** accepts 1.3.8

**Copyright notice:**

Copyright (c) 2014 Jonathan Ong <me@jongleberry.com>Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>Copyright(c) 2014 Jonathan OngCopyright(c) 2015 Douglas Christopher Wilson MIT Licensed

**License:** MIT License

Please see above

**Software:** angular 16.2.3

**Copyright notice:**

Copyright © 2014–2015, Jordan Suchow, Michael Pacer, and Lara A. Ross All rights reserved.Copyright (c) Luke Edwards <luke.edwards05@gmail.com> (lukeed.com)Copyright (c) 2010-2023 Google LLC. https:angular.io/license(c) 2007 Steven Levithan <stevenlevithan.com>Copyright 2015 The Bazel Authors. All rights reserved.Copyright 2014 The Chromium Authors. All rights reserved.Copyright (C) 2006 Google Inc.(c) 2010-2022 Google LLC. https://angular.io/Copyright 2017 Bertrand Gaillard

**License:** MIT License

Please see above

**Software:** ANTLR 2.7.7

**Copyright notice:**

Copyright (c) 2022 GitHub, Inc.

**License:** BSD 3-Clause License

Copyright (c) <YEAR>, <OWNER>All rights reserved.Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

**Software:** Apache Derby 10.15.2.0

**Copyright notice:**

(C) Copyright 1997,2004 International Business Machines Corporation. All rights reserved.Copyright (c) OSGi Alliance (2000, 2007). All Rights Reserved.Copyright (c) OSGi Alliance (2005, 2007). All Rights Reserved.Copyright (c) OSGi Alliance (2000, 2006). All Rights Reserved.Copyright (c) OSGi Alliance (2004, 2007). All Rights Reserved.Copyright (c) OSGi Alliance (2001, 2007). All Rights Reserved.Copyright 2004, 2006 The Apache Software FoundationCopyright 2004-2006 The Apache Software Foundation(C) Copyright IBM Corp. 2003.Copyright 2004-2020 The Apache Software FoundationCopyright 2008 The Apache Software FoundationCopyright (c) OSGi Alliance (2000, 2007).Copyright (c) 2002,2003, Stefan Haustein, Oberhausen, Rhld., Germany.Copyright 2013 The Apache Software FoundationCopyright (c) 1995-2008 International Business Machines Corporation and othersThe SmartChineseAnalyzer source code (smartcn) was provided by Xiaoping Gao and copyright 2009 by www.imdict.net.Copyright 2004-@COPYRIGHTYEAR@ The Apache Software FoundationCopyright 2004-2008 The Apache Software Foundation

**License:** Apache License V2.0

Apache LicenseVersion 2.0, January 2004http://www.apache.org/licenses/TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION1. Definitions."License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document."Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License."Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity."You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License."Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files."Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types."Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below)."Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof."Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution.""Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:You must give any other recipients of the Work or Derivative Works a copy of this License; andYou must cause any modified files to carry prominent notices stating that You changed the files; andYou must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; andIf the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.END OF TERMS AND CONDITIONS

**Software:** Apache HttpComponents - HttpClient 5.2.1

**Copyright notice:**

Copyright 1999-2022 The Apache Software Foundation

**License:** Apache License V2.0

Please see above

**Software:** Apache HttpComponents - HttpCore 5.2

**Copyright notice:**

Copyright (c) 2016 Gary GregoryCopyright 2005-2022 The Apache Software Foundation

**License:** Apache License V2.0

Please see above

**Software:** Apache Mina SSHD 2.12.0

**Copyright notice:**

Copyright 2008-2021 The Apache Software Foundationcopyright by SLF4J.ORG and QOS.chCopyright (c) 2000 - 2017 The Legion Of The Bouncy CastleCopyright (c) 2006 Damien Miller <djm@mindrot.org>Copyright 2003-2006 Greg LuckCopyright (c) 2016 Justin LudwigCopyright (c) 2004-2017 QOS.chCopyright (c) 2002-2016, the original author or authors

**License:** Apache License V2.0

Please see above

**Software:** Apache Tomcat 9.0.86

**Copyright notice:**

Copyright 2001-2015 The Apache Software FoundationCopyright (c) 2009-2013 OracleCopyright 2014 The Netty ProjectCopyright 2002-2018 Red Hat Inc.Copyright 2014 TwitterCopyright 2008-2024 The Apache Software FoundationCopyright (c) 1999-@YEAR@ The Apache Software Foundation VIAddVersionKey FileDescription Apache Tomcat Installer VIAddVersionKey FileVersionCopyright 2003-2009 Sun Microsystems, Inc. All rights reserved(c) Copyright International Business Machines Corporation 2002Copyright 2003-2007 Sun Microsystems, Inc. All rights reservedCopyright 1999-2024 The Apache Software FoundationCopyright (c) 2009-2017 OracleCopyright 1999-@YEAR@ The Apache Software Foundation

**License:** Apache License V2.0

Please see above

**Software:** array-flatten 1.1.1

**Copyright notice:**

Copyright (c) 2014 Blake Embrey (hello@blakeembrey.com)

**License:** MIT License

Please see above

**Software:** ASM 9.4

**Copyright notice:**

Copyright (classType) 2000-2011 INRIA, France Telecom All rights reservedCopyright (c) 2000-2011 INRIA, France Telecom All rights reserved

**License:** BSD 3-Clause License

Please see above

**Software:** ASM 9.5

**Copyright notice:**

Copyright (c) 2000-2011 INRIA, France TelecomCopyright 2014 - Present Rafael WinterhalterCopyright (c) 2015-2021 the originalCopyright 2015 the original author or authors

**License:** BSD 3-Clause License

Please see above

**Software:** async-profiler 2.10

**Copyright notice:**

Copyright 2020 Andrei PanginCopyright 2017 Andrei PanginCopyright 2016 Andrei PanginCopyright 2021 Andrei PanginCopyright 2018 Andrei PanginCopyright 2022 Andrei PanginCopyright 2019 Andrei PanginCopyright 2016-2021 Andrei Pangin

**License:** Apache License V2.0

Please see above

**Software:** async-validator 4.2.5

**Copyright notice:**

Copyright (c) 2014-present yiminghe

**License:** MIT License

Please see above

**Software:** asynckit 0.4.0

**Copyright notice:**

Copyright (c) 2016 Alex Indigo

**License:** MIT License

Please see above

**Software:** axios 1.6.1

**Copyright notice:**

Copyright (c) 2014-present Matt Zabriskie & CollaboratorsCopyright (c) 2023 Matt Zabriskie and contributorsCopyright (c) 2014 Yehuda Katz, Tom Dale, Stefan Penner and contributors

**License:** MIT License

Please see above

**Software:** babel 7.22.0

**Copyright notice:**

Copyright (c) 2014-2015 Jason Quense <jason@quense.me>Copyright (c) 2014-2017, Jon SchlinkertCopyright OpenJS Foundation and other contributorsCopyright (c) 2014-present, Jon SchlinkertCopyright (c) 2011-2017 KARASZI Istvan <github@spam.raszi.hu>Copyright (c) 2015-2018, Jon SchlinkertCopyright (c) 2012-2013 Ecma International All rights reservedCopyright (c) 2014 Blake Embrey (hello@blakeembrey.com)Copyright JS Foundation and other contributorsCopyright 2020 Bloomberg Finance L.P.Copyright (c) 2012 Yusuke Suzuki <utatane.tea@gmail.com>Copyright (c) 2014-2016, Jon SchlinkertCopyright (c) 2012-2014 by various contributorsCopyright (c) 2015-present, Jon SchlinkertCopyright (c) 2015, Rebecca TurnerCopyright 2013-2015, Facebook, Inc. All rights reservedCopyright (c) jQuery Foundation, Inc. and Contributors, All Rights ReservedCopyright (c) 2015 Jed WatsonCopyright (c) 2014-present, Facebook, Inc.Copyright Joyent, Inc. and other NodeCopyright (c) 2014-present Sebastian McKenzie and other contributors

**License:** MIT License

Please see above

**Software:** bcrypt 4.1.2

**Copyright notice:**

No copyright notice found in source files of this software

**License:** Apache License V2.0

Please see above

**Software:** Bean Validation API 2.0.2

**Copyright notice:**

Copyright 2018 Eclipse Foundation.

**License:** Apache License V2.0

Please see above

**Software:** BIDK v1.0.1

**Copyright notice:**

Copyright 2013-2016 Cosmin GorgovanCopyright 2017 The University of ManchesterCopyright 2015-2017 Guillermo CallaghanCopyright 2017-2020 The University of ManchesterCopyright 2016-2016 Cosmin GorgovanCopyright 2017 Guillermo CallaghanCopyright 2016 Cosmin GorgovanCopyright 2014-2016 Cosmin GorgovanCopyright 2014-2016 Amanieu d'AntrasCopyright 2015-2016 Guillermo CallaghanCopyright 2011-2016 Cosmin GorgovanCopyright 2017-2021 The University of ManchesterCopyright (c) 1994-2018 Free Software Foundation, Inc.Copyright 2020 Guillermo CallaghanCopyright 2020-2021 The University of ManchesterCopyright 2018 Guillermo CallaghanCopyright 2018 The University of ManchesterCopyright 2019 University of ManchesterCopyright 2019-2020 The University of Manchester

**License:** Apache License V2.0

Please see above

**Software:** bishengjdk-17 17.0.11

**Copyright notice:**

Copyright (c) 2012, 2014, Oracle and/or its affiliatesCopyright (c) 1989, 1991 Free Software Foundation, Inc.copyrighted by the Free Software FoundationCopyright (c) 2012, 2015, Oracle and/or its affiliatesCopyright 2015 Google, Inc.Copyright (c) 2009, 2020, Oracle and/or its affiliatesCopyright (c) 2015, 2016, Oracle and/or its affiliatesCopyright (c) 2014, 2020, Oracle and/or its affiliatesCopyright (c) 2014, 2017, Oracle and/or its affiliatesCopyright (c) 2015, 2018, Oracle and/or its affiliatesCopyright (c) 2016, 2020, Oracle and/or its affiliatesCopyright (c) 2018, 2020, Oracle and/or its affiliatesCopyright (c) 2011, 2020, Oracle and/or its affiliatesCopyright (c) 2014, 2021, Oracle and/or its affiliatesCopyright (c) 2013, 2020, Oracle and/or its affiliatesCopyright (c) 2015, 2019, Oracle and/or its affiliatesCopyright (c) 2019, Oracle and/or its affiliatesCopyright (c) 2018, 2019, Oracle and/or its affiliatesCopyright (c) 1997, 2021, Oracle and/or its affiliatesCopyright (c) 2016, 2019, Oracle and/or its affiliatesCopyright (c) 2014, 2018, Oracle and/or its affiliatesCopyright (c) 2012, 2020, Oracle and/or its affiliatesCopyright (c) 2020, Red Hat Inc.Copyright (c) 2011, 2021, Oracle and/or its affiliatesCopyright (c) 2014, 2015, Oracle and/or its affiliatesCopyright (c) 2011, 2019, Oracle and/or its affiliatesCopyright (c) 2016, 2017, Oracle and/or its affiliatesCopyright (c) 2016, 2021, Oracle and/or its affiliatesCopyright (c) 2017, 2021, Oracle and/or its affiliatesCopyright (c) 2017, 2020, Oracle and/or its affiliatesCopyright (c) 2016, 2018, Oracle and/or its affiliatesCopyright (c) 2020, Oracle and/or its affiliatesCopyright (c) 2017, 2019, Oracle and/or its affiliatesCopyright (c) 2012, 2019, Oracle and/or its affiliatesCopyright (c) 2011, 2022, Oracle and/or its affiliatesCopyright (c) 2015, 2020, Oracle and/or its affiliatesCopyright (c) 2011, 2015, Oracle and/or its affiliatesCopyright (c) 2011, 2016, Oracle and/or its affiliatesCopyright (c) 2017, Oracle and/or its affiliatesCopyright (c) 2011, 2014, Oracle and/or its affiliatesCopyright (c) 2013 Free Software Foundation, Inc.Copyright (c) 2015 Free Software Foundation, Inc.Copyright (c) 2012, 2013, Oracle and/or its affiliatesCopyright (c) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012 Free Software Foundation, Inc.Copyright (c) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008 Free Software Foundation, Inc.Copyright (c) 2012, 2021, Oracle and/or its affiliatesCopyright (c) 2021, Azul Systems, Inc.Copyright (c) 2004 Scott James Remnant <scott@netsplit.com>Copyright (c) 2020, 2021, Oracle and/or its affiliatesCopyright (c) 2015, 2021, Oracle and/or its affiliatesCopyright (c) 2020, 2022, Oracle and/or its affiliatesCopyright (c) 2022, Oracle and/or its affiliates(c) 1999 Entrust.net Limited(c) 2006 Entrust(c) 2012 Entrust, Inc.(c) 2009 Entrust, Inc.(c) 2015 Entrust, Inc.(c) 2007 GeoTrust Inc.(c) 2008 GeoTrust Inc.(c) 2006 thawte, Inc.(c) 2007 thawte, Inc.(c) 2008 thawte, Inc.(c) 1999 VeriSign, Inc.(c) 2007 VeriSign, Inc.(c) 2006 VeriSign, Inc.(c) 2008 VeriSign, Inc.Copyright (c) 2003, 2021, Oracle and/or its affiliatesCopyright (c) 2002, 2021, Oracle and/or its affiliatesCopyright (c) 2000, 2020, Oracle and/or its affiliatesCopyright (c) 2009, 2021, Oracle and/or its affiliatesCopyright (c) 2008, 2021, Oracle and/or its affiliatesCopyright (c) 2001 earthian@tama.or.jpCopyright (c) 2001 I'OCopyright (c) 2006 Project X0213COPYRIGHT SIGN 2000Copyright (c) 1991-2021 Unicode, Inc.Copyright (c) 1991-2017 Unicode, Inc.Copyright (c) 2003-2019 Unicode, Inc. and othersCopyright (c) 1991-2014 Unicode, Inc.Copyright (c) 1991-2013 Unicode, Inc.(c) 1991-2015 Unicode, Inc.Copyright (c) 1991-2020 Unicode, Inc.Copyright (c) 1991-2016 Unicode, Inc.Copyright (c) 1991-2015 Unicode, Inc.(c) 1991-2017 Unicode, Inc.Copyright (c) 2018, Oracle and/or its affiliatesCopyright (c) 1998, 2013, Oracle and/or its affiliatesCopyright (c) 2013, 2019 SAP SE.Portions Copyright (c) 2014 IBM CorporationCopyright (c) 2007, 2012, Oracle and/or its affiliatesCopyright (c) 2011, 2018, Oracle and/or its affiliatesCopyright (c) 2003, 2019, Oracle and/or its affiliatesCopyright (c) 2016, Oracle and/or its affiliatesCopyright (c) 1998, 2021, Oracle and/or its affiliatesCopyright (c) YEARS Oracle and/or its affiliatesCopyright (c) 2015, 2017, Oracle and/or its affiliatesCopyright (c) 2000, 2013, Oracle and/or its affiliatesCopyright (c) 2019 Unicode, Inc.Copyright (c) 2020 Unicode, Inc.(c) MidLetter or MidNumLetCopyright (c) 2018, 2021, Oracle and/or its affiliatesCopyright (c) 2017, 2018, Oracle and/or its affiliatesCopyright (c) 2019, 2020, Oracle and/or its affiliatesCopyright (c) 2013, 2018, Oracle and/or its affiliatesCopyright (c) 2013, 2019, Oracle and/or its affiliatesCopyright (c) 2013, 2021, Oracle and/or its affiliatesCopyright (c) 2014, Oracle and/or its affiliatesCopyright (c) today.year, Oracle and/or its affiliatesCopyright (c) 2007, 2016, Oracle and/or its affiliatesCopyright (c) 2005, 2016, Oracle and/or its affiliatesCopyright (c) 2005, 2018, Oracle and/or its affiliatesCopyright (c) 2012, 2016, Oracle and/or its affiliatesCopyright (c) 1999, 2016, Oracle and/or its affiliatesCopyright (c) 2011, 2017, Oracle and/or its affiliatesCopyright (c) 2015, Oracle and/or its affiliatesCopyright (c) 2010, 2015, Oracle and/or its affiliatesCopyright (c) 2010, 2013, Oracle and/or its affiliatesCopyright (c) 2004, 2013, Oracle and/or its affiliatesCopyright (c) 2008, 2013, Oracle and/or its affiliatesCopyright (c) 2009, 2017, Oracle and/or its affiliatesCopyright (c) 2008, 2019, Oracle and/or its affiliatesCopyright (c) 2012, 2018, Oracle and/or its affiliatesCopyright (c) d, Oracle and/or its affiliatesCopyright (c) 2012, d, Oracle and/or its affiliatesCopyright (c) 2012, 2017, Oracle and/or its affiliatesCopyright (c) 2002, 2013, Oracle and/or its affiliatesCopyright (c) 1998, 2020, Oracle and/or its affiliatesCopyright (c) 1998, 2016, Oracle and/or its affiliatesCopyright (c) 2003, 2013, Oracle and/or its affiliates(c) Copyright Taligent, Inc. 1996, 1997(c) Copyright IBM Corp. 1996 - 2002Copyright (c) 2003, 2020, Oracle and/or its affiliatesCopyright (c) 2010, 2020, Oracle and/or its affiliatesCopyright (c) 2002, 2020, Oracle and/or its affiliatesCopyright (c) 2002, 2015, Oracle and/or its affiliatesCopyright (c) 2001, 2020, Oracle and/or its affiliatesCopyright (c) 2005, 2013, Oracle and/or its affiliatesCopyright (c) 1998, 2019, Oracle and/or its affiliatesCopyright (c) 1998, 2018, Oracle and/or its affiliatesCopyright (c) 1999, 2013, Oracle and/or its affiliatesCopyright (c) 2001, 2013, Oracle and/or its affiliatesCopyright (c) 2001, 2018, Oracle and/or its affiliatesCopyright (c) 2013, 2016, Oracle and/or its affiliatesCopyright (c) 2021, 2022, Oracle and/or its affiliatesCopyright (c) 2009-2012, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2007, 2018, Oracle and/or its affiliatesCopyright (c) 2007, 2020, Oracle and/or its affiliatesCopyright (c) 2006, 2016, Oracle and/or its affiliatesCopyright (c) 2006, 2021, Oracle and/or its affiliatesCopyright (c) YEAR, Oracle and/or its affiliatesCopyright (c) 2007, Oracle and/or its affiliatesCopyright (c) 2007, 2017, Oracle and/or its affiliatesCopyright (c) 2007, 2014, Oracle and/or its affiliatesCopyright (c) 2009, 2014, Oracle and/or its affiliatesCopyright (c) 2008, 2017, Oracle and/or its affiliatesCopyright (c) 2002, 2012, Oracle and/or its affiliatesCopyright (c) 2013, 2014, Oracle and/or its affiliatesCopyright (c) 2010, 2014, Oracle and/or its affiliatesCopyright (c) 2021, Oracle and/or its affiliatesCopyright (c) 2000, 2021, Oracle and/or its affiliatesCopyright (c) 2012, Oracle and/or its affiliatesCopyright (c) 2009, 2012, Oracle and/or its affiliatesCopyright (c) 2005, 2020, Oracle and/or its affiliatesCopyright (c) 2005, Oracle and/or its affiliatesCopyright (c) 2002, 2014, Oracle and/or its affiliatesCopyright (c) 2002, 2011, Oracle and/or its affiliatesCopyright (c) 2002, 2018, Oracle and/or its affiliatesCopyright (c) 2006, 2018, Oracle and/or its affiliatesCopyright (c) 2004, 2018, Oracle and/or its affiliatesCopyright (c) 2005, 2011, Oracle and/or its affiliatesCopyright (c) 2006, 2011, Oracle and/or its affiliatesCopyright (c) 2006, 2020, Oracle and/or its affiliatesCopyright (c) 2003, 2011, Oracle and/or its affiliates(c) Copyright IBM Corp. 2003Copyright (c) 2003, 2018, Oracle and/or its affiliatesCopyright (c) 2004, 2011, Oracle and/or its affiliatesCopyright (c) 2010, 2019, Oracle and/or its affiliatesCopyright (c) 1998, 2011, Oracle and/or its affiliatesCopyright (c) 1999, 2018, Oracle and/or its affiliatesCopyright (c) 2000, 2018, Oracle and/or its affiliatesCopyright (c) 2000, 2011, Oracle and/or its affiliatesCopyright (c) 2007, 2011, Oracle and/or its affiliatesCopyright (c) 2007, 2021, Oracle and/or its affiliatesCopyright (c) 1997, 2020, Oracle and/or its affiliatesCopyright (c) 1997, 2011, Oracle and/or its affiliatesCopyright (c) 1997, 2018, Oracle and/or its affiliatesCopyright (c) 2007, 2019, Oracle and/or its affiliates(c) 1999 Octavo CorporationCopyright (c) 2011, Oracle and/or its affiliatesCopyright (c) 2010, 2021, Oracle and/or its affiliates(c) 2011, Oraclecopyright 1995 by Jeff Dinkins. UnauthorizedCopyright (c) 1997, 2013, Oracle and/or its affiliatesCopyright (c) 2011, 2012, Oracle and/or its affiliatesCopyright (c) 2006, Oracle and/or its affiliatesCopyright (c) 2014, 2021, Red Hat, Inc.Copyright (c) 2019, 2020, Red Hat Inc.Copyright (c) 2020, 2021, Arm LimitedCopyright (c) 2014, Red Hat Inc.Copyright (c) 2014, 2019, Red Hat Inc.Copyright (c) 2014, 2020 Red Hat Inc.Copyright (c) 2014, 2021, Red Hat Inc.Copyright (c) 1997, 2019, Oracle and/or its affiliatesCopyright (c) 2021, Red Hat Inc.Copyright (c) 1998, 2010, Oracle and/or its affiliatesCopyright (c) 1999, 2020, Oracle and/or its affiliatesCopyright (c) 2005, 2017, Oracle and/or its affiliatesCopyright (c) 2005, 2019, Oracle and/or its affiliatesCopyright (c) 1999, 2019, Oracle and/or its affiliatesCopyright (c) 2005, 2010, Oracle and/or its affiliatesCopyright (c) 2014, 2020, Red Hat Inc.Copyright (c) 2005, 2021, Oracle and/or its affiliatesCopyright (c) 1999, 2021, Oracle and/or its affiliatesCopyright (c) 2014, 2015, Red Hat Inc.Copyright (c) 2000, 2019, Oracle and/or its affiliatesCopyright (c) 2016, 2021, Red Hat Inc.Copyright (c) 2002, 2019, Oracle and/or its affiliatesCopyright (c) 2014, 2018, Red Hat Inc.Copyright (c) 2019, Arm LimitedCopyright (c) 2015, 2019, Red Hat Inc.Copyright (c) 1997, 2015, Oracle and/or its affiliatesCopyright (c) 2004, 2020, Oracle and/or its affiliatesCopyright (c) 2018, CaviumCopyright (c) 2016, Intel Corporation. Intel MathCopyright (c) 2014, 2108, Red Hat Inc.Copyright (c) 2021, Arm LimitedCopyright (c) 2021, Amazon.com Inc. or its affiliatesCopyright (c) 2003, 2022, Oracle and/or its affiliatesCopyright (c) 2014, 2022, Red Hat Inc.Copyright (c) 2015, 2020, Red Hat Inc.Copyright (c) 2018, Red Hat, Inc.Copyright (c) 2018, 2021, Red Hat, Inc.Copyright (c) 2019, 2021, Oracle and/or its affiliatesCopyright (c) 2008, 2018, Oracle and/or its affiliatesCopyright (c) 2008, 2020, Oracle and/or its affiliatesCopyright (c) 2008, 2015, Oracle and/or its affiliatesCopyright (c) 2008, 2011, Oracle and/or its affiliatesCopyright (c) 2020, Red Hat, Inc.Copyright (c) 2008, 2016, Oracle and/or its affiliatesCopyright (c) 2015 SAP SE.Copyright (c) 2012, 2015 SAP SE.Copyright (c) 2012, 2021 SAP SE.Copyright (c) 2012, 2020 SAP SE.Copyright (c) 2012, 2016 SAP SE.Copyright (c) 2012, 2019 SAP SE.Copyright (c) 2005, 2015, Oracle and/or its affiliatesCopyright (c) 2016 SAP SE.Copyright (c) 2012, 2018 SAP SE.Copyright (c) 2021 SAP SE.Copyright (c) 2012, 2013 SAP SE.Copyright (c) 2019 SAP SE.Copyright (c) 2020 SAP SE.Copyright (c) 2000, 2022, Oracle and/or its affiliatesCopyright (c) 2012, 2022 SAP SE.Copyright (c) 2000, 2015, Oracle and/or its affiliatesCopyright (c) 2012, 2014 SAP SE.Copyright (c) 1997, 2022, Oracle and/or its affiliatesCopyright (c) 2017 Instituto de Pesquisas EldoradoCopyright (c) 2015, 2021 SAP SE.Copyright (c) 2014, 2019, Oracle and/or its affiliatesCopyright (c) 2013, 2016 SAP SE.Copyright (c) 2013, 2021 SAP SE.Copyright (c) 2001, 2021, Oracle and/or its affiliatesCopyright (c) 2001, 2019, Oracle and/or its affiliatesCopyright (c) 2018, 2021 SAP SE.Copyright (c) 2016, 2021 SAP SE.Copyright (c) 2016, 2018 SAP SE.Copyright (c) 2016, 2019 SAP SE.Copyright (c) 2016, 2017 SAP SE.Copyright (c) 2016, 2020 SAP SE.Copyright (c) 2016, 2022, Oracle and/or its affiliatesCopyright (c) 2016, 2022 SAP SE.Copyright (c) 2017, 2020 SAP SE.Copyright (c) 2018, 2019 SAP SE.Copyright (c) 2018 SAP SE.Copyright (c) 1997, 2017, Oracle and/or its affiliatesCopyright (c) 1997, 2010, Oracle and/or its affiliatesCopyright (c) 2021, Intel CorporationCopyright (c) 2019, Intel CorporationCopyright (c) 2020, Intel CorporationCopyright (c) 2016, Intel CorporationCopyright (c) 2021 THL A29 Limited, a Tencent companyCopyright (c) 2020 Microsoft CorporationCopyright (c) 2017 Project Nayuki. (MIT License) https://www.nayuki.io/page/fast-md5-hash-implementation-in-x86-assemblyCopyright (c) 2002, 2016, Oracle and/or its affiliatesCopyright (c) 2000, 2012, Oracle and/or its affiliatesCopyright 2007, 2008, 2009, 2010, 2011 Red Hat, Inc.Copyright 2007, 2008, 2009 Red Hat, Inc.Copyright 2009 Red Hat, Inc.Copyright 2008 Red Hat, Inc.Copyright 2007, 2008, 2011 Red Hat, Inc.Copyright 2007, 2010 Red Hat, Inc.Copyright 2007 Red Hat, Inc.Copyright 2008, 2009, 2010 Red Hat, Inc.Copyright 2008, 2010 Red Hat, Inc.Copyright 2007, 2008, 2009, 2010 Red Hat, Inc.Copyright 2009, 2021, Red Hat, Inc.Copyright (c) 2003, 2010, Oracle and/or its affiliatesCopyright 2007, 2009 Red Hat, Inc.Copyright (c) 2003, 2015, Oracle and/or its affiliatesCopyright 2007, 2008, 2010 Red Hat, Inc.Copyright 2007, 2008 Red Hat, Inc.Copyright (c) 2004, 2010, Oracle and/or its affiliatesCopyright 2009, 2010, 2011 Red Hat, Inc.Copyright 2011 Red Hat, Inc.Copyright 2007, 2009, 2010, 2011 Red Hat, Inc.Copyright 2010 Red Hat, Inc.Copyright 2007, 2008, 2010, 2015 Red Hat, Inc.Copyright 2008, 2009 Red Hat, Inc.Copyright (c) 2006, 2010, Oracle and/or its affiliatesCopyright (c) 2006, 2019, Oracle and/or its affiliatesCopyright 2007, 2008, 2010, 2011 Red Hat, Inc.Copyright (c) 2013 SAP SE.Copyright (c) 2015, 2019 SAP SE.Copyright (c) 1999, 2015, Oracle and/or its affiliatesCopyright (c) 2001, 2010, Oracle and/or its affiliatesCopyright (c) 2020, 2022, Red Hat Inc.Copyright (c) 1999, 2022, Oracle and/or its affiliatesCopyright (c) 2015, 2022 SAP SE.Copyright (c) 1999, 2014, Oracle and/or its affiliatesCopyright (c) 2018, 2020 SAP SE.Copyright (c) 2005, 2012, Oracle and/or its affiliatesCopyright (c) 2017 SAP SE.Copyright (c) 2001, 2016, Oracle and/or its affiliatesCopyright (c) 1997, 2008, Oracle and/or its affiliatesCopyright (c) 2016, Linaro Ltd.Copyright (c) 2004, 2017, Oracle and/or its affiliatesCopyright 2007, 2008, 2011, 2015, Red Hat, Inc.Copyright 2009, 2010 Red Hat, Inc.Copyright (c) 2015, Red Hat Inc.Copyright 2014 Google Inc.Copyright 2007, 2008, 2010, 2018, Red Hat, Inc.Copyright (c) 2020, Microsoft CorporationCopyright (c) 2020, 2021, Microsoft CorporationCopyright (c) 2004, 2019, Oracle and/or its affiliatesCopyright (c) 1998, 2022, Oracle and/or its affiliatesCopyright (c) 2000, 2010, Oracle and/or its affiliatesCopyright (c) 1999, 2017, Oracle and/or its affiliatesCopyright (c) 2009, 2019, Oracle and/or its affiliatesCopyright (c) 1999, 2010, Oracle and/or its affiliatesCopyright (c) 2006, 2017, Oracle and/or its affiliatesCopyright (c) 2012-2021 Jean-Philippe Aumasson <jeanphilippe.aumasson@gmail.com>Copyright (c) 2012-2014 Daniel J. Bernstein <djb@cr.yp.to>Copyright (c) 2018, 2022, Oracle and/or its affiliatesCopyright (c) 2015, 2022, Oracle and/or its affiliatesCopyright (c) 2010, 2022, Oracle and/or its affiliatesCopyright (c) 2017, 2018, Red Hat, Inc.Copyright (c) 2017, 2020, Red Hat, Inc.Copyright (c) 2018, Red Hat Inc.Copyright (c) 2017, Red Hat, Inc. and/or its affiliates. DOCopyright (c) 2001, 2017, Oracle and/or its affiliatesCopyright (c) 2020, Amazon.com, Inc. or its affiliatesCopyright (c) 2013, 2015, Oracle and/or its affiliatesCopyright (c) 2004, 2015, Oracle and/or its affiliatesCopyright (c) 1992, 2021, OracleCopyright (c) 2019, Red Hat, Inc.Copyright (c) 2019, Google and/or its affiliatesCopyright (c) 2019, Twitter, Inc.Copyright (c) 2018, 2020, Red Hat, Inc.Copyright (c) 2016, 2021, Red Hat, Inc.Copyright (c) 2018, 2019, Red Hat, Inc.Copyright (c) 2013, 2021, Red Hat, Inc.Copyright (c) 2015, 2021, Red Hat, Inc.Copyright (c) 2019, 2021, Red Hat, Inc.Copyright (c) 2021, Red Hat, Inc.Copyright (c) 2019, 2020, Red Hat, Inc.Copyright (c) 2017, 2021, Red Hat, Inc.Copyright (c) 2016, 2019, Red Hat, Inc.Copyright (c) 2016, 2020, Red Hat, Inc.Copyright (c) 2013, 2019, Red Hat, Inc.Copyright (c) 2015, 2019, Red Hat, Inc.Copyright (c) 2015, 2020, Red Hat, Inc.Copyright (c) 2017, 2019, Red Hat, Inc.Copyright (c) 2020, Red Hat, Inc. and/or its affiliates. DOCopyright (c) 2020, 2021, Red Hat, Inc. and/or its affiliates. DOCopyright (c) 2020, 2021, Red Hat, Inc.(c) 2009 by Remo Dentato (rdentato@gmail.com)Copyright (c) 2014, 2022, Oracle and/or its affiliatesCopyright (c) 2020, Datadog, Inc.Copyright (c) 2018, Google and/or its affiliatesCopyright (c) 2012, 2022, Oracle and/or its affiliatesCopyright Amazon.com Inc. or its affiliatesCopyright (c) 2014, 2016, Oracle and/or its affiliatesCopyright (c) 2017, 2021 SAP SE.Copyright (c) 2018, SAP and/or its affiliates. DOCopyright (c) 2020, 2021 SAP SE.Copyright (c) 2015, 2020, and/or its affiliatesCopyright (c) 1997, 2016, Oracle and/or its affiliatesCopyright (c) 2012 Red Hat, Inc.Copyright (c) 2003, 2005, Oracle and/or its affiliatesCopyright (c) 2002, 2010, Oracle and/or its affiliatesCopyright (c) 2003, 2012, Oracle and/or its affiliatesCopyright (c) 2007, 2010, Oracle and/or its affiliatesCopyright (c) 1998 Oracle and/or its affiliatesCopyright (c) 1993 Oracle and/or its affiliatesCopyright (c) 2005, 2022, Oracle and/or its affiliatesCopyright (c) 2009, 2012 Red Hat, Inc.Copyright (c) 2001, 2014, Oracle and/or its affiliatesCopyright (c) 2012 SAP SE.Copyright (c) 1994, 2014, Oracle and/or its affiliatesCopyright (c) 2016, 2019 SAP SE and/or its affiliatesCopyright (c) 2020, 2021, Red Hat Inc.Copyright (c) 2008, 2010, Oracle and/or its affiliatesCopyright (c) 2008, 2012, Oracle and/or its affiliatesCopyright (c) 1998, 2017, Oracle and/or its affiliatesCopyright (c) 2002, 2007, Oracle and/or its affiliatesCopyright (c) 1995-2000 The Cryptix Foundation LimitedCopyright (c) 1998, 2007, Oracle and/or its affiliatesCopyright (c) 1997, 2007, Oracle and/or its affiliatesCopyright (c) 2004, 2021, Oracle and/or its affiliates(c) Copyright IBM Corp. 2013Copyright (c) 2015 Red Hat, Inc.Copyright (c) 1998, 2012, Oracle and/or its affiliatesCopyright (c) 2003, 2017, Oracle and/or its affiliatesCopyright (c) 2003, 2007, Oracle and/or its affiliatesCopyright (c) 2005, 2009, Oracle and/or its affiliatesCopyright (c) 2010, 2012, Oracle and/or its affiliatesCopyright (c) 2010, Oracle and/or its affiliatesCopyright (c) 1994, 2020, Oracle and/or its affiliatesCopyright (c) 1994, 2019, Oracle and/or its affiliatesCopyright (c) 1996, 2021, Oracle and/or its affiliatesCopyright (c) 1996, 2019, Oracle and/or its affiliatesCopyright (c) 1994, 2021, Oracle and/or its affiliatesCopyright (c) 1995, 2019, Oracle and/or its affiliatesCopyright (c) 1995, 2020, Oracle and/or its affiliatesCopyright (c) 1996, 2020, Oracle and/or its affiliatesCopyright (c) 1994, 2022, Oracle and/or its affiliatesCopyright (c) 1996, 2018, Oracle and/or its affiliatesCopyright (c) 2006, 2012, Oracle and/or its affiliatesCopyright (c) 2003, 2004, Oracle and/or its affiliatesCopyright (c) 2000, 2006, Oracle and/or its affiliatesCopyright (c) 2019, Azul Systems, Inc.Copyright (c) 1995, 2016, Oracle and/or its affiliatesCopyright (c) 1995, 2021, Oracle and/or its affiliatesCopyright (c) 2004, 2006, Oracle and/or its affiliatesCopyright (c) 2000-2005 INRIA, France TelecomCopyright (c) 2010, 2011, Oracle and/or its affiliatesCopyright (c) 1997, 2003, Oracle and/or its affiliatesCopyright (c) 1996, 2013, Oracle and/or its affiliatesPortions Copyright IBM Corporation, 2001Portions Copyright (c) 1995 Colin PlumbCopyright (c) 1999, 2007, Oracle and/or its affiliatesPortions Copyright IBM Corporation, 1997, 2001Copyright (c) 1998, 2006, Oracle and/or its affiliatesCopyright (c) 1995, 2013, Oracle and/or its affiliatesCopyright (c) 2013, 2022, Oracle and/or its affiliatesCopyright (c) 2013, Oracle and/or its affiliatesCopyright (c) 2002, 2005, Oracle and/or its affiliatesCopyright (c) 2007, 2013, Oracle and/or its affiliatesCopyright (c) 2000, 2001, Oracle and/or its affiliatesCopyright (c) 1995, 2017, Oracle and/or its affiliatesCopyright (c) 2000, 2017, Oracle and/or its affiliatesCopyright (c) 2007, 2009, Oracle and/or its affiliatesCopyright (c) 2000, 2009, Oracle and/or its affiliatesCopyright (c) 2001, Oracle and/or its affiliatesCopyright (c) 2000, 2005, Oracle and/or its affiliatesCopyright (c) 2001, 2005, Oracle and/or its affiliatesCopyright (c) 2009, 2013, Oracle and/or its affiliatesCopyright (c) 2008, 2014, Oracle and/or its affiliatesCopyright (c) 1996, 1998, Oracle and/or its affiliatesCopyright (c) 2003, Oracle and/or its affiliatesCopyright (c) 1997, 1999, Oracle and/or its affiliates(c) Copyright IBM Corp. 1999-2003(c) Copyright IBM Corp. 1996 - 1998(c) Copyright IBM Corp. 1996-1998(c) Copyright Taligent, Inc. 1996(c) Copyright IBM Corp. 1996(c) Copyright Taligent, Inc. 1996-1998Copyright (c) 1996, 2022, Oracle and/or its affiliatesCopyright (c) 2002, Oracle and/or its affiliates(c) Copyright IBM Corp. 1996, 1997(c) Copyright IBM Corp. 1996-2005Copyright (c) 1998, Oracle and/or its affiliatesCopyright (c) 1996, 2000, Oracle and/or its affiliatesCopyright (c) 2007-2012, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2008-2012, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2012, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2011-2012, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2013, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2008-2013, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2012-2013, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2012, 2013 Stephen Colebourne & Michael Nascimento SantosCopyright 2009 Google Inc.Copyright (c) 1996, 1999, Oracle and/or its affiliatesCopyright (c) 2000, 2004, Oracle and/or its affiliatesCopyright (c) 2009-2010, International Business Machines Corporation and othersCopyright (c) 1994, 2016, Oracle and/or its affiliates(c) Copyright IBM Corp. 1996 - 1999Copyright 1997 by Sun Microsystems, Inc., 901 San Antonio Road, Palo Alto, California, 94303, U.S.A.Copyright (c) 1998, 2017, Oracle and/or its affiliates. 500 Oracle Parkway Redwood Shores, CA 94065 USA.Copyright (c) 1998, 2021, Oracle and/or its affiliates. 500 Oracle Parkway Redwood Shores, CA 94065 USA.Copyright (c) 2011, 2013, Oracle and/or its affiliatesCopyright (c) 1999, 2000, Oracle and/or its affiliatesCopyright (c) 1996, 2014, Oracle and/or its affiliatesCopyright (c) 2001, 2022, Oracle and/or its affiliatesCopyright (c) 1999, 2001, Oracle and/or its affiliatesCopyright (c) 1997, 2001, Oracle and/or its affiliatesCopyright (c) 2001, 2012, Oracle and/or its affiliatesCopyright (c) 1999, 2003, Oracle and/or its affiliatesCopyright (c) 1999, 2005, Oracle and/or its affiliatesCopyright (c) 1998, 2015, Oracle and/or its affiliatesCopyright (c) 2000, 2014, Oracle and/or its affiliatesCopyright (c) 2009-2014, International Business Machines Corporation and othersCopyright (c) 1996-2014, International Business Machines Corporation and othersCopyright (c) 2003-2004, International Business Machines Corporation and othersCopyright (c) 2003, International Business Machines Corporation and othersCopyright (c) 2004-2014, International Business Machines Corporation and othersCopyright (c) 1996-2011, International Business Machines Corporation and othersCopyright (c) 1996-2004, International Business Machines Corporation and othersCopyright (c) 2004, International Business Machines Corporation and othersCopyright (c) 2001-2014, International Business Machines Corporation and others(c) Copyright IBM Corp. and others, 1996-2009Copyright (c) 2001-2010, International Business Machines Corporation and othersCopyright (c) 2000-2014, International Business Machines Corporation and othersCopyright (c) IBM Corporation 1999Copyright (c) 1996-2009, International Business Machines Corporation and othersCopyright (c) 1996-2015, International Business Machines Corporation and others(c) 2018 and later Unicode, Inc. and othersCopyright (c) 2014, International Business Machines Corporation and othersCopyright (c) 2003, 2016, Oracle and/or its affiliatesCopyright (c) 1996, 2016, Oracle and/or its affiliatesCopyright (c) 2019, Red Hat Inc.Copyright (c) 2000-2011 INRIA, France TelecomCopyright (c) 2001, 2011, Oracle and/or its affiliatesCopyright (c) 2001, 2004, Oracle and/or its affiliatesCopyright (c) 2004, 2005, Oracle and/or its affiliatesCopyright (c) 2004, Oracle and/or its affiliatesCopyright (c) 2009 by Oracle CorporationCopyright (c) 2009, 2011, Oracle and/or its affiliatesCopyright (c) 2009, Oracle and/or its affiliatesCopyright (c) 2004, 2008, Oracle and/or its affiliatesCopyright (c) 1994, 1995, Oracle and/or its affiliatesCopyright (c) 1994, 2013, Oracle and/or its affiliatesCopyright (c) 1994, 2011, Oracle and/or its affiliatesCopyright (c) 2004, 2022, Oracle and/or its affiliatesCopyright (c) 1996, 2011, Oracle and/or its affiliatesCopyright (c) 1994, 1996, Oracle and/or its affiliatesCopyright (c) 1996, 2012, Oracle and/or its affiliatesCopyright (c) 1995, 2010, Oracle and/or its affiliatesCopyright (c) 1994, 2003, Oracle and/or its affiliatesCopyright (c) 1996, 2004, Oracle and/or its affiliatesCopyright (c) 2009, 2016, Oracle and/or its affiliatesCopyright (c) 2001, 2003, Oracle and/or its affiliatesCopyright (c) 1995, 2011, Oracle and/or its affiliatesCopyright (c) 2008, 2009, Oracle and/or its affiliatesCopyright (c) 2001, 2009, Oracle and/or its affiliatesCopyright (c) 2000, 2002, Oracle and/or its affiliatesCopyright (c) 2008, Oracle and/or its affiliatesCopyright (c) 2000, Oracle and/or its affiliatesCopyright (c) 2005, 2006, Oracle and/or its affiliatesCopyright (c) 2003, 2008, Oracle and/or its affiliatesCopyright (c) 2003, 2006, Oracle and/or its affiliatesCopyright (c) 2002, 2004, Oracle and/or its affiliatesCopyright (c) 1998, 1999, Oracle and/or its affiliatesCopyright (c) 1997, 2006, Oracle and/or its affiliatesCopyright (c) 2009, 2022, Oracle and/or its affiliatesCopyright (c) 2017, Red Hat, Inc. and/or its affiliatesCopyright (c) 2010, 2018, Oracle and/or its affiliatesCopyright (c) 2020, Azul Systems, Inc.Copyright (c) 2006, 2014, Oracle and/or its affiliates(c) 1998 VeriSign, Inc.Copyright (c) 2004, 2014, Oracle and/or its affiliatesCopyright (c) 1997, 2009, Oracle and/or its affiliatesCopyright (c) 2003, 2014, Oracle and/or its affiliatesCopyright (c) 1997, Oracle and/or its affiliatesCopyright (c) 1997, 2014, Oracle and/or its affiliatesCopyright (c) 1997, 2004, Oracle and/or its affiliatesCopyright (c) 1997, 2000, Oracle and/or its affiliatesCopyright (c) 2009, 2018, Oracle and/or its affiliatesCopyright (c) 1997, 2002, Oracle and/or its affiliates(c) Copyright Taligent, Inc. 1996,1997(c) Copyright IBM Corp. 1999(c) IBM Corp. 1997-1998Copyright (c) 1991-2012 Unicode, Inc.Copyright (c) 2004, 2012, Oracle and/or its affiliatesCopyright (c) 2010, International Business Machines Corporation and othersCopyright (c) 2009, International Business Machines Corporation and othersCopyright (c) 1999, 2012, Oracle and/or its affiliatesCopyright (c) 2005, 2014, Oracle and/or its affiliatesCopyright (c) 2009, 2015, Oracle and/or its affiliatesCopyright (c) 1997, 2012, Oracle and/or its affiliatesCopyright (c) 1995-2005 The Cryptix Foundation LimitedCopyright (c) 2000-2011 France TelecomCopyright (c) 1995-2016 International Business Machines Corporation and othersCopyright (c) 1995-2017 Jean-loup Gailly and Mark AdlerCopyright (c) 1996 Netscape Communications CorporationCopyright (c) 1995, 2018, Oracle and/or its affiliatesCopyright (c) 1998, 2001, Oracle and/or its affiliatesCopyright (c) 1998, 2004, Oracle and/or its affiliatesCopyright (c) 1998, 2003, Oracle and/or its affiliatesCopyright (c) 1997, 2005, Oracle and/or its affiliatesCopyright (c) 1994, 2018, Oracle and/or its affiliatesCopyright (c) 1997, 1998, Oracle and/or its affiliatesCopyright (c) 2002, 2003, Oracle and/or its affiliatesCopyright (c) 1998, 2009, Oracle and/or its affiliatesCopyright (c) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark AdlerCopyright 1995-2017 Jean-loup Gailly and Mark AdlerCopyright (c) 1995-2016 Jean-loup GaillyCopyright (c) 2004, 2010 Mark AdlerCopyright (c) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark AdlerCopyright (c) 2004-2017 Mark AdlerCopyright (c) 1995-2016 Mark AdlerCopyright (c) 1995-2017 Mark AdlerCopyright (c) 1995-2003, 2010 Mark AdlerCopyright 1995-2017 Mark AdlerCopyright (c) 1995-2005, 2010 Mark Adler(c) 1995-2017 Jean-loup Gailly and Mark AdlerCopyright (c) 1995-2017 Jean-loup GaillyCopyright (c) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark AdlerCopyright (c) 1995-2011, 2016 Mark AdlerCopyright (c) 1995-2016 Jean-loup Gailly, Mark AdlerCopyright (c) 1995-2006, 2010, 2011, 2012, 2016 Mark AdlerCopyright (c) 2009, 2010, Oracle and/or its affiliatesCopyright (c) 2000, 2008, Oracle and/or its affiliatesCopyright (c) 1996, 2017, Oracle and/or its affiliatesCopyright (c) 1995, 2022, Oracle and/or its affiliatesCopyright 2012-2020, Bert Belder <bertbelder@gmail.com>Copyright (c) 1995, 2003, Oracle and/or its affiliatesCopyright (c) 1995, 1997, Oracle and/or its affiliatesCopyright (c) 2000, 2003, Oracle and/or its affiliatesCopyright (c) 1996, 2002, Oracle and/or its affiliatesCopyright (c) 2005, 2008, Oracle and/or its affiliatesCopyright (c) 2009 Apple Inc.Copyright (c) 2021, JetBrains s.r.oCopyright (c) 2006, 2008, Oracle and/or its affiliates(c) Wang Labs, Inc. 1990, 1991Copyright (c) 2002, 2017, Oracle and/or its affiliatesCopyright (c) 2007, 2015, Oracle and/or its affiliatesCopyright (c) 1996, 2015, Oracle and/or its affiliates(c) Copyright IBM Corp. 1998Copyright (c) 2000, 2016, Oracle and/or its affiliatesCopyright (c) 1995, 2014, Oracle and/or its affiliatesCopyright (c) 2006, 2013, Oracle and/or its affiliatesCopyright (c) 1995, 2015, Oracle and/or its affiliatesCOPYRIGHT (c) Eastman Kodak Company, 1997 AsCopyright (c) 2001, 2007, Oracle and/or its affiliates(c) Copyright Taligent, Inc. 1996 - 1997(c) Copyright IBM Corp. 2005(c) Copyright IBM Corp. 1996-2003(c) Copyright IBM Corp. 1998-2003Copyright (c) 1998, 2014, Oracle and/or its affiliatesCopyright (c) 1998, 2008, Oracle and/or its affiliatesCopyright (c) 1995, 2007, Oracle and/or its affiliatesCopyright (c) 1995, 2005, Oracle and/or its affiliatesCopyright (c) 1995, 1998, Oracle and/or its affiliatesCopyright (c) 1996, 2007, Oracle and/or its affiliatesCopyright (c) 2005, 2007, Oracle and/or its affiliatesCopyright (c) 1996, Oracle and/or its affiliatesCopyright (c) 1996, 1997, Oracle and/or its affiliatesCopyright (c) 1996, 2003, Oracle and/or its affiliatesCopyright (c) 1998, 2002, Oracle and/or its affiliatesCopyright (c) 2010, 2017, Oracle and/or its affiliatesCopyright (c) 2006, 2015, Oracle and/or its affiliatesCopyright (c) 1999, 2006, Oracle and/or its affiliates(c) NOTE BasicSpinnerCopyright (c) 2001, 2002, Oracle and/or its affiliates(c) EXCEPT, StandardStateCopyright (c) 2002, 2008, Oracle and/or its affiliatesCopyright (c) 2001, 2008, Oracle and/or its affiliatesCopyright (c) 1999, Oracle and/or its affiliatesCopyright (c) 1995, 2001, Oracle and/or its affiliatesCopyright (c) 1995, 2004, Oracle and/or its affiliates(c) Copyright IBM Corp. 1999-2000Copyright 2021 JetBrains s.r.o.Copyright (c) 1998, 2005, Oracle and/or its affiliatesCopyright (c) 1999-2003, International Business Machines Corporation and others(c) Copyright IBM Corp. 1998, 1999Copyright (c) 2007, 2008, Oracle and/or its affiliatesCopyright (c) 1998, 2000, Oracle and/or its affiliatesCopyright (c) 2000, 2007, Oracle and/or its affiliatesPortions Copyright Eastman Kodak Company 1991-2003Copyright 1996-2002, 2006 by David Turner, Robert Wilhelm, and Werner Lembergcopyright (c) The FreeType Project (www.freetype.org)copyright (c) 1996-2000 by David Turner, Robert Wilhelm, and Werner LembergCopyright 2000 Computing Research Labs, New Mexico State UniversityCopyright 2001-2015 Francesco Zappa NardelliCopyright 2006-2014 Adobe Systems IncorporatedCopyright (c) 1997 Eric S. RaymondCopyright (c) 2008 Otto Moerbeek <otto@drijf.net>Copyright (c) 2010,2011,2012,2013,2014,2015,2016,2017,2018,2019,2020 Google, Inc.Copyright (c) 2018,2019,2020 Ebrahim ByagowiCopyright (c) 2019,2020 Facebook, Inc.Copyright (c) 2012 Mozilla FoundationCopyright (c) 2011 Codethink LimitedCopyright (c) 2008,2010 Nokia Corporation and/or its subsidiary(-ies)Copyright (c) 2009 Keith StribleyCopyright (c) 2009 Martin Hosken and SIL InternationalCopyright (c) 2007 Chris WilsonCopyright (c) 2006 Behdad EsfahbodCopyright (c) 2005 David TurnerCopyright (c) 2004,2007,2008,2009,2010 Red Hat, Inc.Copyright (c) 1998-2004 David Turner and Werner LembergCopyright (c) 2012 Grigori Goronzy <greg@kinoho.net>Copyright (c) 1991-1998, Thomas G. Lanecopyright (c) 1991-1998, Thomas G. LaneCopyright property of CompuServe IncorporatedCopyright (c) 1998-2020 Marti Maria SaguerCopyright (c) 1995-2019 The PNG Reference Library AuthorsCopyright (c) 2018-2019 Cosmin TrutaCopyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-PehrsonCopyright (c) 1996-1997 Andreas DilgerCopyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.Copyright (c) 1998-2000 Glenn Randers-PehrsonCopyright (c) 1999-2007 Brian PaulCopyright (c) 1999-2006 Brian PaulCopyright (c) 2009 VMware, Inc.Copyright (c) 2013 - 2018 The Khronos Group Inc.Copyright (c) 2008 - 2018 The Khronos Group Inc.Copyright (c) 1999, 2002, Oracle and/or its affiliatesCopyright (c) 2013-2018 The Khronos Group Inc.Copyright (c) 2008-2018 The Khronos Group Inc.Copyright (c) 1996-2022 by David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2008-2022 by David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2002-2022 by David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2004-2022 by David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2007-2022 by Dereg Clegg and Michael ToftdalCopyright (c) 2018-2022 by David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2017-2022 by David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2007-2022 by David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2006-2022 by David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2020-2022 by David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 1996-2022 by Just van Rossum, David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2001-2022 by David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2000-2022 by David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2022 by David Turner, Robert Wilhelm, Werner Lemberg, and Moazin KhattiCopyright (c) 2004-2022 by Masatake YAMATO and Redhat K.K.Copyright (c) 2003-2022 by David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2007-2022 by Derek Clegg and Michael ToftdalCopyright (c) 2004-2022 by Masatake YAMATO, Red Hat K.K., David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2016-2022 by David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2012-2022 by David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2003-2022 by Masatake YAMATO, Redhat K.K., David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2007-2022 by David TurnerCopyright (c) 2013-2022 by David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2005-2022 by David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2007-2022 by Rahul Bhalerao <rahul.bhalerao@redhat.com>Copyright (c) 2008-2022 by David Turner, Robert Wilhelm, Werner Lemberg, and suzuki toshiyaCopyright 2007-2013 Adobe Systems IncorporatedCopyright 2009-2014 Adobe Systems IncorporatedCopyright 2009-2013 Adobe Systems IncorporatedCopyright 2006-2013 Adobe Systems IncorporatedCopyright 2007-2014 Adobe Systems IncorporatedCopyright 2013-2014 Adobe Systems IncorporatedCopyright 2013 Adobe Systems IncorporatedCopyright 2011-2013 Adobe Systems IncorporatedCopyright (c) 2013-2022 by Google, Inc.Copyright (c) 2019-2022 by Nikhil Ramakrishnan, David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2009-2022 by Oran Agra and Mickey GabelCopyright (c) 2018-2022 by David Turner, Robert Wilhelm, Dominik Rottsches, and Werner LembergCopyright 2013 by Google, Inc. Google Author(s) Behdad EsfahbodCopyright (c) 2004-2022 by David Turner, Robert Wilhelm, Werner Lemberg, and George WilliamsCopyright (c) 2004-2022 by David Turner, Robert Wilhelm, Werner Lemberg and George WilliamsCopyright (c) 2010-2022 by David Turner, Robert Wilhelm, and Werner LembergCopyright (c) 2018 Ebrahim ByagowiCopyright (c) 2017 Google, Inc.Copyright (c) 2018 Google, Inc.Copyright (c) 2019 Ebrahim ByagowiCopyright (c) 2009,2010 Red Hat, Inc.Copyright (c) 2010,2011,2013 Google, Inc.Copyright (c) 2019 Facebook, Inc.Copyright (c) 2011,2012 Google, Inc.Copyright (c) 2019 Adobe Inc.Copyright (c) 2009 Red Hat, Inc.Copyright (c) 2013 Google, Inc.Copyright (c) 2012,2013 Google, Inc.Copyright (c) 2004,2007,2009,2010 Red Hat, Inc.Copyright (c) 2004,2007,2009 Red Hat, Inc.Copyright (c) 2018 Adobe Inc.Copyright (c) 2007,2008,2009 Red Hat, Inc.Copyright (c) 2007,2008,2009,2010 Red Hat, Inc.Copyright (c) 2012,2018 Google, Inc.Copyright (c) 2019-2020 Ebrahim ByagowiCopyright (c) 2020 Ebrahim ByagowiCopyright (c) 2012 Google, Inc.Copyright (c) 2011 Google, Inc.Copyright (c) 2015 Google, Inc.Copyright (c) 2019 Adobe, Inc.Copyright (c) 2014 Google, Inc.Copyright (c) 2016 Google, Inc.Copyright (c) 2020 Google, Inc.Copyright (c) 2018 Khaled HosnyCopyright (c) 2019, Facebook Inc.Copyright (c) 2011,2014 Google, Inc.Copyright (c) 2010 Red Hat, Inc.Copyright (c) 2016 Elie Roux <elie.roux@telecom-bretagne.eu>Copyright (c) 2018-2019 Ebrahim ByagowiCopyright (c) 2010,2012 Google, Inc.Copyright (c) 2010,2011,2012 Google, Inc.Copyright (c) 2010,2012,2013 Google, Inc.Copyright (c) 2010,2011,2012,2013 Google, Inc.Copyright (c) 2016 Igalia S.L.Copyright (c) 2015 Mozilla FoundationCopyright (c) 2011,2012,2013 Google, Inc.Copyright (c) 2021 Behdad EsfahbodCopyright (c) 2013 Red Hat, Inc.Copyright (c) 2010 Google, Inc.Copyright (c) 2012,2017 Google, Inc.(c) 2020 Unicode(r), Inc.Copyright (c) 2011,2012,2014 Google, Inc.Copyright (c) 2017,2018 Google, Inc.Copyright (c) 1994-1998, Thomas G. LaneCopyright (c) 1994-1996, Thomas G. LaneCopyright (c) 1994-1997, Thomas G. LaneCopyright (c) 1991-1996, Thomas G. LaneCopyright (c) 1991-1997, Thomas G. LaneCopyright (c) 1995-1997, Thomas G. LaneCopyright (c) 1995-1998, Thomas G. LaneCopyright (c) 1991-1994, Thomas G. LaneCopyright (c) 1992-1996, Thomas G. LaneCopyright (c) 1992-1997, Thomas G. LaneCopyright (c) 1998, Thomas G. Lanecopyright holder, Aladdin Enterprises of Menlo Parkcopyright by the Free Software Foundationcopyright by M.I.T.Copyright 2001, softSurfer (www.softsurfer.com)Copyright (c) 1998-2021 Marti Maria SaguerCopyright (c) 1998-2002,2004,2006-2018 Glenn Randers-PehrsonCopyright (c) 1998-2002,2004,2006-2016,2018 Glenn Randers-PehrsonCopyright (c) 2018 Cosmin TrutaCopyright (c) 1998-2002,2004,2006-2013 Glenn Randers-PehrsonCopyright (c) 1998-2002,2004,2006-2017 Glenn Randers-PehrsonCopyright (c) 1998-2002,2004,2006-2013,2018 Glenn Randers-PehrsonCopyright (c) 1998-2002,2004,2006-2014,2016 Glenn Randers-PehrsonCopyright (c) 1998-2018 Glenn Randers-PehrsonCopyright (c) 2003, 2009, Oracle and/or its affiliatesCopyright (c) 2013, 2017, Oracle and/or its affiliatesCopyright (c) 2008, 2022, Oracle and/or its affiliatesCopyright (c) 1996, 2005, Oracle and/or its affiliatesCopyright (c) 2010, 2016, Oracle and/or its affiliatesCopyright 1994 Hewlett-Packard Co.Copyright 1996, 1998 The Open GroupCopyright (c) 2006, 2009, Oracle and/or its affiliatesCopyright (c) 1996, 2009, Oracle and/or its affiliatesCopyright (c) 1996, 2006, Oracle and/or its affiliatesCopyright (c) 1999, 2011, Oracle and/or its affiliatesCopyright (c) 1999, 2008, Oracle and/or its affiliatesCopyright 2003 Wily Technology, Inc.Copyright IBM Corp. 1999-2000Copyright (c) 1999, 2004, Oracle and/or its affiliatesCopyright (c) 2002, 2006, Oracle and/or its affiliatesCopyright (c) 1999, 2009, Oracle and/or its affiliatesCopyright (c) 1996, 2001, Oracle and/or its affiliatesCopyright 1997 The Open Group Research InstituteCopyright (c) 2004, 2007, Oracle and/or its affiliatesCopyright (c) 2004, 2009, Oracle and/or its affiliatesCopyright (c) 1998 by the FundsXpress, INC.Copyright (c) 2019, 2022, Oracle and/or its affiliates(c) Copyright IBM Corp. 2000Copyright (c) 1999-2003 David Corcoran <corcoran@linuxnet.com>Copyright (c) 2001-2011 Ludovic Rousseau <ludovic.rousseau@free.fr>Copyright (c) 1999-2003 David Corcoran <corcoran@musclecard.com>Copyright (c) 2003-2014 Ludovic RousseauCopyright (c) 2013 Red HatCopyright (c) 2007,2008,2009,2010,2011 Mij <mij@bitchx.it>Copyright (c) 1999-2004 David Corcoran <corcoran@musclecard.com>Copyright (c) 2002-2011 Ludovic Rousseau <ludovic.rousseau@free.fr>Copyright (c) 2005 Martin Paljak <martin@paljak.pri.ee>Copyright (c) 2002-2009 Ludovic Rousseau <ludovic.rousseau@free.fr>Copyright (c) 1999 David Corcoran <corcoran@musclecard.com>Copyright (c) 2017, 2022, Oracle and/or its affiliatesCopyright 2000-2004 The Apache Software FoundationCopyright (c) 2007, 2022, Oracle and/or its affiliatesCopyright 2005 The Apache Software FoundationCopyright 2003-2004 The Apache Software FoundationCopyright (c) 2009, 2015 by Oracle CorporationCopyright (c) 2004 World Wide Web ConsortiumCopyright (c) 2015 World Wide Web ConsortiumCopyright (c) 2000 World Wide Web Consortium, (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University)Copyright 2004-2020 The Apache Software FoundationCopyright 1996-2015 by Scott Hudson, Frank Flannery, C. Scott Ananian, Michael Pettercopyright (c) 1999-2002, Lotus Development Corporation., http://www.lotus.comcopyright (c) 2001-2002, Sun Microsystems., http://www.sun.comcopyright (c) 2003, IBM Corporation., http://www.ibm.comCopyright 1996-2003 by Elliot Joel Berk and C. Scott AnanianCopyright 1999-2020 The Apache Software Foundationcopyright (c) 1999, IBM Corporation., http://www.ibm.comcopyright (c) 1999, Sun Microsystems., http://www.sun.comCopyright 1999-2021 The Apache Software Foundationcopyright (c) 2001, InstituteCopyright (c) 2015, 2018 SAP SE.Copyright (c) 2018, Google LLC.Copyright (c) 2002 Graz University of TechnologyCopyright (c) OASIS Open 2020Copyright (c) OASIS Open 2016-2019Copyright (c) OASIS Open 2016, 2019Copyright 2009-2013 Attila SzegediCopyright 2015 Attila SzegediCopyright 2016 Attila SzegediCopyright 2009-2015 Attila SzegediCopyright 2014 Attila SzegediCopyright (c) 2009-2013, Attila SzegediCopyright (c) 2020, NTTCopyright (c) 2020, 2021, NTTCopyright (c) 2019, 2021, NTTCopyright (c) 2021, NTTCopyright (c) 2019, 2021, Arm LimitedCopyright (c) 2018, 2022, Intel CorporationCopyright (c) 2018, 2021, Intel CorporationCopyright (c) 2002-2018, the original author or authorsCopyright (c) 2002-2016, the original author or authorsCopyright (c) 2002-2017, the original author or authorsCopyright (c) 2002-2019, the original author or authorsCopyright (c) 2002-2020, the original author or authorsCopyright (c) 2002-2021, the original author or authorsCopyright (c) 2009-2018 the originalCopyright (c) 2004-2015 Paul R. Holser, JrCopyright (c) 2004-2014 Paul R. Holser, JrCopyright (c) 2011, 2011, Oracle and/or its affiliatesCopyright (c) 2016, 2016, Oracle and/or its affiliatesCopyright (c) 2012, 2012, Oracle and/or its affiliatesCopyright (c) 2014, 2014, Oracle and/or its affiliatesCopyright (c) 2013, 2013, Oracle and/or its affiliatesCopyright JS Foundation and other contributors(c) JS Foundation and other contributorsCopyright jQuery Foundation and other contributorsCopyright JS Foundation and other contributors, https://js.foundationCopyright jQuery Foundation and other contributors, https://jquery.orgCopyright (c) 2021, DataDogCopyright (c) 0,date,YYYY param.description.default None param.vendor.default UnknownCopyright (c) 1998 International Business MachinesCopyright (c) 1991-2007 Unicode, Inc.Copyright (c) 1999 International Business MachinesCopyright (c) 1991-2011 Unicode, Inc.Copyright (c) 1991-2005 Unicode, Inc.Copyright (c) 1982 The Royal Institute, Thai Royal GovernmentCopyright (c) 1998 National Electronics and Computer Technology Center, National Science and Technology Development Agency, Ministry of Science Technology and Environment, Thai Royal GovernmentCopyright (c) 2015, 2020 SAP SE.Copyright (c) 2004, 2016, Oracle and/or its affiliatesCopyright (c) 1988 AT&TCopyright (c) 2002 http://www.w3.org/' World Wide Web Consortium, http://www.lcs.mit.edu/' Massachusetts Institute of Technology, http://www.inria.fr/' InstitutCopyright (c) 1994-2002 http://www.w3.org/' World Wide Web Consortium, http://www.lcs.mit.edu/' Massachusetts Institute of Technology, http://www.inria.fr/' InstitutCopyright (c) http://www.w3.org/' World Wide Web Consortium, http://www.lcs.mit.edu/Copyright (c) 2002 World Wide Web Consortium, (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University)Portions Copyright 1997-2007 Sun Microsystems, Inc.Copyright (c) 2020, SAP and/or its affiliatesCopyright (c) s, Oracle and/or its affiliatesCopyright (c) 2022, Red Hat, Inc.Copyright (c) 2017, Red Hat, Inc.Copyright (c) 2016, Red Hat, Inc.Copyright (c) 2017 SAP SE and/or its affiliatesCopyright (c) 2021, Alibaba Group Holding LimitedCopyright (c) 2017, Red Hat Inc.(c) Vladislav Malyshkin 2010Copyright (c) 2011 Hewlett-Packard CompanyCopyright (c) 2009 SAP SE.Copyright 2009 D.E. ShawCopyright 2012 Skip BalkCopyright (c) 2019, Huawei Technologies Co., Ltd.Copyright (c) 2020, BELLSOFT.Copyright 2010 Google, Inc.Copyright (c) 2020, Huawei Technologies Co., Ltd.Copyright (c) 2020, 2021, Huawei Technologies Co., Ltd.Copyright (c) 2021, Huawei Technologies Co., Ltd.Copyright (c) 2020, Arm Limited(c) BELLSOFT.Copyright 2009 Goldman Sachs InternationalCopyright (c) 2015, Red Hat, Inc.Copyright (c) 2019, Loongson Technology Co. Ltd.Copyright 2014 Google, Inc.Copyright (c) 2016 SAP SE and/or its affiliatesCopyright (c) 2014 SAP SE.Copyright (c) 2018 Red Hat, Inc.Copyright (c) 2015, 2016 SAP SE.Copyright (c) 2021, Huawei Technologies Co. Ltd.Copyright (c) 2018, Cavium (by BELLSOFT)Copyright (c) 2018, 2019, Arm LimitedCopyright (c) 2019, BELLSOFT.Copyright (c) 2015, 2016, Red Hat Inc.Copyright (c) 2016, Red Hat Inc.Copyright (c) 2020 THL A29 Limited, a Tencent companyCopyright (c) 2022, Arm LimitedCopyright 2016 Google, Inc.Copyright 2016 Azul Systems, Inc.Copyright (c) 2011 SAP SE.Copyright (c) 2021, Red Hat, IncCopyright (c) 2019, Red Hat, Inc. and/or its affiliatesCopyright (c) 2018, 2019, Red Hat, Inc. and/or its affiliatesCopyright (c) 2018, Red Hat, Inc. and/or its affiliates. DOCopyright (c) 2016, 2018, Red Hat, Inc.Copyright (c) 2019, SAP.Copyright (c) 2018, SAP.Copyright (c) 2018 by SAP AG, Walldorf, Germany. DOCopyright (c) 2019, 2020 SAP SE.Copyright (c) 2011 SAP AG.Copyright (c) 2019 SAP SE and/or its affiliatesCopyright (c) 2019, 2022 SAP SE and/or its affiliatesCopyright (c) 2021, BELLSOFT.Copyright (c) 2018, SAP and/or its affiliatesCopyright (c) 2019, Google Inc.Copyright (c) 2012, Red Hat, Inc.Copyright (c) 2018, 2021, Google and/or its affiliatesCopyright (c) 2018, 2019, Google and/or its affiliatesCopyright (c) 2020, Google and/or its affiliatesCopyright (c) 2021, Google and/or its affiliatesCopyright (c) 2021 NTTCopyright (c) 2018, 2018, Oracle and/or its affiliatesPortions (c) International OrganizationCopyright (c) 2005 World Wide Web ConsortiumCopyright 1998-2003 W3C (MIT, ERCIM, Keio)Copyright 1998-2006 W3C (MIT, ERCIM, Keio)Copyright 1999-2004 The Apache Software FoundationCopyright (c) 2015, Oracle, Inc.Copyright (c) 2001, 2015, Oracle and/or its affiliatesCopyright (c) 2006, 2007, Oracle and/or its affiliatesPortions Copyright (c) 2012 IBM CorporationCopyright (c) 2016 Red Hat Inc.Copyright (c) 2014, Red Hat, Inc.Copyright 2016 JetBrains s.r.o.Copyright (c) 2014 Google Inc.Copyright (c) 2019 JetBrains s.r.o.Copyright 2017 JetBrains s.r.o.Copyright 1998 IBM Corp.Copyright 2005 IBM Corp.Copyright (c) 2013-2014 IBM Corporation and OthersCopyright (c) 1999-2014 International Business Machines Corporation and othersCopyright 2012 Red Hat, Inc.Copyright 2007 Sun Microsystems, Inc.Copyright (c) 2014, Google Inc.Copyright (c) 2021, Amazon and/or its affiliatesCopyright 2009 Google, Inc.Copyright (c) 2018, Google Inc.Copyright 2015 Google Inc.copyright 1999-2004 Wily Technology, Inc.Copyright 2014 Goldman SachsCopyright 2010 Google Inc.Copyright 2009, 2019, Google Inc.Copyright (c) 2019, Red Hat, Inc. and/or its affiliates. DOCopyright (c) 2016, Red Hat, Inc. and/or its affiliates. DOPortions Copyright (c) 2011 IBM CorporationCopyright (c) 2021, Amazon.com, Inc. or its affiliatesPortions Copyright (c) 2013 IBM CorporationPortions copyright (c) 2007 Sun Microsystems, Inc.Copyright (c) 2008-2012 Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2010-2012, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2010-2013, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2008,2012, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2014, Stephen Colebourne & Michael Nascimento SantosCopyright 2015 Goldman SachsCopyright (c) 2018 Google Inc.Portions Copyright (c) 2012, IBM CorporationPortions Copyright (c) 2010, 2011 IBM CorporationCopyright (c) 2009, Red Hat Inc.Copyright 2012 Google, Inc.Copyright (c) 2013 Google Inc.Copyright 2015 Red Hat, Inc.Copyright (c) 2018,2021, Oracle and/or its affiliatesCopyright (c) 2009,2017, Oracle and/or its affiliatesCopyright (c) 2015,2016, Oracle and/or its affiliatesCopyright 2003 Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, California 95054, U.S.A.Copyright 2010 Sun Microsystems, Inc.Copyright (c) 1999 http://www.w3.orgCopyright (c) 2020, 2022 THL A29 Limited, a Tencent companyCopyright (c) 2019, 2019, Oracle and/or its affiliatesCopyright (c) 2019, 2021, SAP SE.Copyright 2007-2008 Sun Microsystems, Inc.copyright 1995 by Jeff Dinkins(c) Academy of Motion Picture Arts and Sciences(c) 2016 Entrust, Inc.(c) 2014 Entrust, Inc.Copyright (c) 2015, Red Hat Inc(c) msgid Core Sun Management Center setup complete. msgstr OoAA Sun Management Center(c) Sun Management Center(c) COPYRIGHT International Business Machines Corp. 1995(c) COPYRIGHT International Business Machines Corp. 1997Copyright (c) 1991-1994 Unicode, Inc.Copyright (c) 2017, 2018, Red Hat, Inc. and/or its affiliatesCopyright (c) 2021, Azul, Inc.Copyright (c) 2016 Google Inc.Copyright (c) 2019, Red Hat, Inccopyright Duke (c)Copyright (c) 2021, Alphabet LLC.Copyright (c) 2018 Google LLC.Copyright (c) 2017, Google Inc.Copyright (c) 2019, Google LLC.Copyright (c) 2020, Google LLC.Copyright 2017 Google Inc.Copyright 2016 Google Inc.Copyright 2019 Google Inc.Copyright (c) 2021, Dynatrace LLC.Copyright (c) 2020, Oracle America, Inc.Copyright 2020 Google Inc.Copyright (c) Intel, 2021

**License:** GPL V2.0 With Classpath Exception

 GNU General Public License (GPL)Version 2, June 1991Copyright (C) 1989, 1991 Free Software Foundation, Inc.59 Temple Place, Suite 330, Boston, MA 02111-1307 USAEveryone is permitted to copy and distribute verbatim copies of this licensedocument, but changing it is not allowed.PreambleThe licenses for most software are designed to take away your freedom to shareand change it. By contrast, the GNU General Public License is intended toguarantee your freedom to share and change free software--to make sure thesoftware is free for all its users. This General Public License applies tomost of the Free Software Foundation's software and to any other program whoseauthors commit to using it. (Some other Free Software Foundation software iscovered by the GNU Library General Public License instead.) You can apply it toyour programs, too.When we speak of free software, we are referring to freedom, not price. OurGeneral Public Licenses are designed to make sure that you have the freedom todistribute copies of free software (and charge for this service if you wish),that you receive source code or can get it if you want it, that you can changethe software or use pieces of it in new free programs; and that you know youcan do these things.To protect your rights, we need to make restrictions that forbid anyone to denyyou these rights or to ask you to surrender the rights. These restrictionstranslate to certain responsibilities for you if you distribute copies of thesoftware, or if you modify it.For example, if you distribute copies of such a program, whether gratis or fora fee, you must give the recipients all the rights that you have. You mustmake sure that they, too, receive or can get the source code. And you mustshow them these terms so they know their rights.We protect your rights with two steps: (1) copyright the software, and (2)offer you this license which gives you legal permission to copy, distributeand/or modify the software.Also, for each author's protection and ours, we want to make certain thateveryone understands that there is no warranty for this free software. If thesoftware is modified by someone else and passed on, we want its recipients toknow that what they have is not the original, so that any problems introducedby others will not reflect on the original authors' reputations.Finally, any free program is threatened constantly by software patents. Wewish to avoid the danger that redistributors of a free program willindividually obtain patent licenses, in effect making the program proprietary.To prevent this, we have made it clear that any patent must be licensed foreveryone's free use or not licensed at all.The precise terms and conditions for copying, distribution and modificationfollow.TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION0. This License applies to any program or other work which contains a noticeplaced by the copyright holder saying it may be distributed under the terms ofthis General Public License. The "Program", below, refers to any such programor work, and a "work based on the Program" means either the Program or anyderivative work under copyright law: that is to say, a work containing theProgram or a portion of it, either verbatim or with modifications and/ortranslated into another language. (Hereinafter, translation is includedwithout limitation in the term "modification".) Each licensee is addressed as"you".Activities other than copying, distribution and modification are not covered bythis License; they are outside its scope. The act of running the Program isnot restricted, and the output from the Program is covered only if its contentsconstitute a work based on the Program (independent of having been made byrunning the Program). Whether that is true depends on what the Program does.1. You may copy and distribute verbatim copies of the Program's source code asyou receive it, in any medium, provided that you conspicuously andappropriately publish on each copy an appropriate copyright notice anddisclaimer of warranty; keep intact all the notices that refer to this Licenseand to the absence of any warranty; and give any other recipients of theProgram a copy of this License along with the Program.You may charge a fee for the physical act of transferring a copy, and you mayat your option offer warranty protection in exchange for a fee.2. You may modify your copy or copies of the Program or any portion of it, thusforming a work based on the Program, and copy and distribute such modificationsor work under the terms of Section 1 above, provided that you also meet all ofthese conditions: a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change. b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License. c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)These requirements apply to the modified work as a whole. If identifiablesections of that work are not derived from the Program, and can be reasonablyconsidered independent and separate works in themselves, then this License, andits terms, do not apply to those sections when you distribute them as separateworks. But when you distribute the same sections as part of a whole which is awork based on the Program, the distribution of the whole must be on the termsof this License, whose permissions for other licensees extend to the entirewhole, and thus to each and every part regardless of who wrote it.Thus, it is not the intent of this section to claim rights or contest yourrights to work written entirely by you; rather, the intent is to exercise theright to control the distribution of derivative or collective works based onthe Program.In addition, mere aggregation of another work not based on the Program with theProgram (or with a work based on the Program) on a volume of a storage ordistribution medium does not bring the other work under the scope of thisLicense.3. You may copy and distribute the Program (or a work based on it, underSection 2) in object code or executable form under the terms of Sections 1 and2 above provided that you also do one of the following: a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or, b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or, c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)The source code for a work means the preferred form of the work for makingmodifications to it. For an executable work, complete source code means allthe source code for all modules it contains, plus any associated interfacedefinition files, plus the scripts used to control compilation and installationof the executable. However, as a special exception, the source codedistributed need not include anything that is normally distributed (in eithersource or binary form) with the major components (compiler, kernel, and so on)of the operating system on which the executable runs, unless that componentitself accompanies the executable.If distribution of executable or object code is made by offering access to copyfrom a designated place, then offering equivalent access to copy the sourcecode from the same place counts as distribution of the source code, even thoughthird parties are not compelled to copy the source along with the object code.4. You may not copy, modify, sublicense, or distribute the Program except asexpressly provided under this License. Any attempt otherwise to copy, modify,sublicense or distribute the Program is void, and will automatically terminateyour rights under this License. However, parties who have received copies, orrights, from you under this License will not have their licenses terminated solong as such parties remain in full compliance.5. You are not required to accept this License, since you have not signed it.However, nothing else grants you permission to modify or distribute the Programor its derivative works. These actions are prohibited by law if you do notaccept this License. Therefore, by modifying or distributing the Program (orany work based on the Program), you indicate your acceptance of this License todo so, and all its terms and conditions for copying, distributing or modifyingthe Program or works based on it.6. Each time you redistribute the Program (or any work based on the Program),the recipient automatically receives a license from the original licensor tocopy, distribute or modify the Program subject to these terms and conditions.You may not impose any further restrictions on the recipients' exercise of therights granted herein. You are not responsible for enforcing compliance bythird parties to this License.7. If, as a consequence of a court judgment or allegation of patentinfringement or for any other reason (not limited to patent issues), conditionsare imposed on you (whether by court order, agreement or otherwise) thatcontradict the conditions of this License, they do not excuse you from theconditions of this License. If you cannot distribute so as to satisfysimultaneously your obligations under this License and any other pertinentobligations, then as a consequence you may not distribute the Program at all.For example, if a patent license would not permit royalty-free redistributionof the Program by all those who receive copies directly or indirectly throughyou, then the only way you could satisfy both it and this License would be torefrain entirely from distribution of the Program.If any portion of this section is held invalid or unenforceable under anyparticular circumstance, the balance of the section is intended to apply andthe section as a whole is intended to apply in other circumstances.It is not the purpose of this section to induce you to infringe any patents orother property right claims or to contest validity of any such claims; thissection has the sole purpose of protecting the integrity of the free softwaredistribution system, which is implemented by public license practices. Manypeople have made generous contributions to the wide range of softwaredistributed through that system in reliance on consistent application of thatsystem; it is up to the author/donor to decide if he or she is willing todistribute software through any other system and a licensee cannot impose thatchoice.This section is intended to make thoroughly clear what is believed to be aconsequence of the rest of this License.8. If the distribution and/or use of the Program is restricted in certaincountries either by patents or by copyrighted interfaces, the originalcopyright holder who places the Program under this License may add an explicitgeographical distribution limitation excluding those countries, so thatdistribution is permitted only in or among countries not thus excluded. Insuch case, this License incorporates the limitation as if written in the bodyof this License.9. The Free Software Foundation may publish revised and/or new versions of theGeneral Public License from time to time. Such new versions will be similar inspirit to the present version, but may differ in detail to address new problemsor concerns.Each version is given a distinguishing version number. If the Programspecifies a version number of this License which applies to it and "any laterversion", you have the option of following the terms and conditions either ofthat version or of any later version published by the Free Software Foundation.If the Program does not specify a version number of this License, you maychoose any version ever published by the Free Software Foundation.10. If you wish to incorporate parts of the Program into other free programswhose distribution conditions are different, write to the author to ask forpermission. For software which is copyrighted by the Free Software Foundation,write to the Free Software Foundation; we sometimes make exceptions for this.Our decision will be guided by the two goals of preserving the free status ofall derivatives of our free software and of promoting the sharing and reuse ofsoftware generally.NO WARRANTY11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FORTHE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISESTATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THEPROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED,INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY ANDFITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY ANDPERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE,YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILLANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THEPROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANYGENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE ORINABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATABEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR AFAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDEROR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.END OF TERMS AND CONDITIONSHow to Apply These Terms to Your New ProgramsIf you develop a new program, and you want it to be of the greatest possibleuse to the public, the best way to achieve this is to make it free softwarewhich everyone can redistribute and change under these terms.To do so, attach the following notices to the program. It is safest to attachthem to the start of each source file to most effectively convey the exclusionof warranty; and each file should have at least the "copyright" line and apointer to where the full notice is found. One line to give the program's name and a brief idea of what it does. Copyright (C) <year> <name of author> This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version. This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details. You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USAAlso add information on how to contact you by electronic and paper mail.If the program is interactive, make it output a short notice like this when itstarts in an interactive mode: Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'. This is free software, and you are welcome to redistribute it under certain conditions; type 'show c' for details.The hypothetical commands 'show w' and 'show c' should show the appropriateparts of the General Public License. Of course, the commands you use may becalled something other than 'show w' and 'show c'; they could even bemouse-clicks or menu items--whatever suits your program.You should also get your employer (if you work as a programmer) or your school,if any, to sign a "copyright disclaimer" for the program, if necessary. Hereis a sample; alter the names: Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (which makes passes at compilers) written by James Hacker. signature of Ty Coon, 1 April 1989 Ty Coon, President of ViceThis General Public License does not permit incorporating your program intoproprietary programs. If your program is a subroutine library, you mayconsider it more useful to permit linking proprietary applications with thelibrary. If this is what you want to do, use the GNU Library General PublicLicense instead of this License.CLASSPATH EXCEPTIONLinking this library statically or dynamically with other modules ismaking a combined work based on this library. Thus, the terms andconditions of the GNU General Public License version 2 cover the wholecombination.As a special exception, the copyright holders of this library give youpermission to link this library with independent modules to produce anexecutable, regardless of the license terms of these independentmodules, and to copy and distribute the resulting executable underterms of your choice, provided that you also meet, for each linkedindependent module, the terms and conditions of the license of thatmodule. An independent module is a module which is not derived from orbased on this library. If you modify this library, you may extend thisexception to your version of the library, but you are not obligated todo so. If you do not wish to do so, delete this exception statementfrom your version.

**Software:** body-parser 1.20.0

**Copyright notice:**

Copyright(c) 2014-2015 Douglas Christopher WilsonCopyright (c) 2014 Jonathan Ong <me@jongleberry.com>Copyright (c) 2014-2015 Douglas Christopher Wilson <doug@somethingdoug.com>Copyright(c) 2014 Jonathan Ong

**License:** MIT License

Please see above

**Software:** Boost 1.74.0

**Copyright notice:**

Copyright (c) 2013 Bjorn Roald(c) Copyright Martin Wille 2003Copyright (c) 2017 Barend Gehrels, AmsterdamCopyright (c) 2006 Joao Abecasis http://spirit.sourceforge.netCopyright (c) 2011-2012 Thomas BernardCopyright (c) 2007-2008 Steven WatanabeCopyright (c) 2014 Benoit(c) Copyright 2018Robert Ramey - http://www.rrsd.comCopyright (c) 2011-2019 Adam Wulkiewicz, Lodz, Poland(c) Copyright John Maddock 2014-9Copyright (c) 2004, 2005 Mark AdlerCopyright Aleksey Gurtovoy 2002-2010Copyright (c) 2014, 2019, 2020 Oracle and/or its affiliatesCopyright Beman Dawes 2014, 2015Copyright 2002, 2003, 2004, 2005, 2006 Vladimir PrusCopyright (c) 2002-2003 Douglas GregorCopyright 2017 Steven Watanabecopyright (c) 2013, 2014, Oracle and/or its affiliates(c) Copyright Terje Slettebo 2001(c) Copyright Terje Slettebo 2002Copyright 2012 Jurko GospodneticCopyright (c) 2013 Cromwell D. EnageCopyright (c) 2008-2010 Joachim FaulhaberCopyright (c) 2014, 2020 Andrey SemashevCopyright Aleksey Gurtovoy 2002-2004Copyright (c) 2004 CrystalClear Software, Inc.(c) Copyright Raffi Enficiaud, 2019Copyright Aleksey Gurtovoy 2002-2006Copyright Terje Sletteb and Kevlin Henney, 2005Copyright Arno Schoedl & Neil Groves 2009copyright (c) 2017, 2019, Oracle and/or its affiliatesCopyright (c) 2016 Adam Wulkiewicz, Lodz, Poland(c) Copyright Howard Hinnant 2009Copyright 2007-2008 Christian Henning, Andreas Pokorny, Lubomir BourdevCopyright 2000 Steven KnightCopyright 2005, 2014 Peter DimovCopyright (c) 2006-2007 Matias CapelettoCopyright (c) 2010 Gevorg Voskanyancopyright (c) 2015, 2019, Oracle and/or its affiliatesCopyright Joel de Guzman 2004Copyright (c) 2016-2020, Oracle and/or its affiliatesCopyright (c) 2018, 2019 Oracle and/or its affiliatesCopyright (c) 2005-2008 The Trustees of Indiana University(c) Copyright Anton Bikineev 2014Copyright (c) 2018 Evgeny ShulginCopyright Beman Dawes 2010, 2011, 2014Copyright 2011 Paul A. Bristow(c) Copyright Howard Hinnant 2004Copyright 2009 Trustees of Indiana University(c) David Abrahams 2002Copyright 2003 Guillaume Melquiond, Sylvain PionCopyright (c) 2013-2014 Kyle Lutz <kyle.r.lutz@gmail.com>Copyright 2014 Alexander Lauser(c) Copyright Howard Hinnant 2014Copyright 2007, 2019 Peter DimovCopyright (c) 2005 Voipster / Indrek dot JuhaniCopyright 2003-2004. Dave AbrahamsCopyright Paul A. Bristow 2019Copyright Dave Abrahams 2005-2006Copyright (c) 2011 Nathan RidgeCopyright 2019 - 2020 Alexander GrundCopyright Paul A. Bristow 2014Copyright Paul A. Bristow 2013CNRS/Univ. Clermont II Copyright 2009 - 2011 LRICopyright Paul A. Bristow 2012Copyright Paul A. Bristow 2011Copyright Paul A. Bristow 2018Copyright (c) 2017 DynatraceCopyright Paul A. Bristow 2017Copyright Paul A. Bristow 2016Copyright (c) 2020 Alexander KarzhenkovCopyright Paul A. Bristow 2015Copyright (c) Douglas Gregor 2001-2006Copyright (c) 2005 Douglas GregorCopyright Paul A. Bristow 2010Copyright (c) Douglas Gregor 2001-2005Copyright (c) 2014 - 2015 Andrzej KrzemienskiCopyright (c) 2014 Benoit Dequidt <benoit.dequidt@gmail.com>Copyright 2009 Andreas Huber DoenniCopyright (c) 1998, 2002-2005 Kiyoshi Matsui <kmatsui@t3.rim.or.jp> All rights reservedCopyright 1993, 1995 Christopher SeiwaldCopyright 2011-2013 Mario MulanskyCopyright 2010-2012 Kenneth Riddile, Christian Henning(c) Copyright Ion Gaztanaga 2014-2014(c) Copyright Ion Gaztanaga 2014-2015Copyright (c) 2001-2017 Joel de Guzman(c) Copyright Ion Gaztanaga 2014-2017Copyright (c) 2003-2004 Jeremy B. Maitin-Shepardcopyright (c) 2014, 2019, Oracle and/or its affiliatesCopyright (c) 2004 Hartmut KaiserCopyright (c) 1998 by Bob Dellaca(c) Copyright Beman Dawes, 2001Copyright (c) 2003 InstituteCopyright 2015 Gregor de CilliaCopyright 2002. Dave AbrahamsCopyright (c) 2007-2019 Barend Gehrels, AmsterdamCopyright (c) 2003 Vaclav Vesely http://spirit.sourceforge.netCopyright Daryle Walker 2001Copyright Neil Groves 2003-2004Copyright (c) 2003 Dr John MaddockCopyright (c) Beman Dawes 2011Copyright (c) Beman Dawes 2015Copyright (c) 2005-2011 Daniel JamesCopyright 2010 Georg FritzscheCopyright (c) 2009 Erik BryanCopyright Pierre Talbot 2013Copyright (c) 2018 Louis Dionne, Antony PolukhinCopyright 2000 University of Notre DameCopyright (c) 2015 Kohei TakahashiCopyright 2003 Douglas GregorCopyright 2014 Paul BristowCopyright (c) 2001-2007 Hartmut Kaiser Revised 2007Copyright (c) 2007-2009 Andrew SuttonCopyright Daniel Wallin, David Abrahams 2010Copyright (c) 2002 2004, Herve BronnimannCopyright (c) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark AdlerCopyright 2009/2010 Vicente J. Botet Escriba(c) Copyright Synge Todo 2003Copyright 2017-2019 Glen Joseph Fernandes (glenjofe@gmail.com)(c) Copyright Reimar Doffinger 2018Copyright (c) 2003 by Cosmin Trutacopyright Louis Dionne 2013-2016Copyright (c) 2015-2018 Andrzej Krzemienskicopyright Louis Dionne 2013-2017Copyright 2002-2003 Guillaume Melquiond, Sylvain Pioncopyright (c) 2016-2019, Oracle and/or its affiliatesCopyright (c) 2016-2017 Vinnie FalcoCopyright 2005 Dan MarsdenCopyright (c) 2014-2015 Adam Wulkiewicz, Lodz, PolandCopyright 2002 Herve Bronnimann, Guillaume Melquiond, Sylvain PionCopyright 2005 Trustees of Indiana UniversityCopyright 2007 University of Karlsruhe(c) Copyright Paul Mensonides 2002-2011Copyright (c) Markus Schoepflin 2005Copyright 2001-2006 David Abrahamscopyright (c) 2015-2016, Oracle and/or its affiliates(c) Copyright Howard HinnantCopyright (c) 2008-2017 Emil Dotchevski and Reverge Studios, Inc.Copyright (c) 1997,99 Borland Corp.Copyright (c) 2015 Orson Peters <orsonpeters@gmail.com>Copyright (c) 2011 Ryan MoldenCopyright (c) 2009-2015 Mateusz Loskot, London, UK.(c) Copyright Jeremiah Willcock 2004Copyright (c) Henrik Ravn 2004Copyright (c) 2019 Vicente J. Botet EscribaCopyright 2016 Joaquin M LopezCopyright (c) 1992, 1993, 1994, 1995, 1996, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006 Free Software Foundation, Inc.Copyright (c) 2002 Brad King (brad.king@kitware.com) Douglas Gregor (gregod@cs.rpi.edu)Copyright (c) 2010 Bryce Lelbach http://spirit.sourceforge.netCopyright (c) 2014 Denis DemidovCopyright (c) 2002-2006 CrystalClear Software, Inc.Copyright (c) 2011 Thomas Bernardcopyright (c) 2013-2018, Oracle and/or its affiliatesCopyright 2019 Lichao XiaCopyright (c) 2011 Tim Blechmanncopyright (c) 2014-2017 Oracle and/or its affiliatesCopyright Paul A. Bristow 2009(c) Copyright Matei David 2014Copyright Paul A. Bristow 2007Copyright (c) 2003-2008 Jan GasparCopyright Paul A. Bristow 2006(c) Copyright 2005 Daniel Egloff, Eric Nieblercopyright John Maddock 2003, Artyom Beilis 2010Copyright (c) 2004 Angus Leeming http://spirit.sourceforge.netCopyright (c) 2014-2020 Andrey Semashev(c) Copyright 2003-2007 Jonathan TurkanisCopyright 2017 Valentin Noah Hartmann(c) Copyright 2008 Matthias Troyer(c) Copyright Edward Diener 2011-2015,2019Copyright David Abrahams, Matthias Troyer, Michael Gauckler 2005(c) Copyright 2009-2012 Anthony WilliamsCopyright 2012 Beman DavesCopyright 2004, 2005 The Trustees of Indiana UniversityCopyright 2014 Marco Guazzone (marco.guazzone@gmail.com)Copyright (c) 2006 Tiago de Paula Peixoto <tiago@forked.de>Copyright Abel Sinkovics (abel@sinkovics.hu) 2010 - 2011copyright (c) 2014-2020, Oracle and/or its affiliatesCopyright (c) 1995-2017 Mark AdlerCopyright 1999 Beman DawesCopyright Sergue E. Leontiev 2013Copyright 2007 Roland Schwarz(c) Copyright John Maddock 2001-8Copyright 2003 Guillaume MelquiondCopyright 2003-2016 Joaquin M LopezCopyright David Abrahams, Daniel Wallin 2003Copyright David Abrahams, Daniel Wallin 2005Copyright David Abrahams, Daniel Wallin 2006Copyright (c) 2014 Andrzej KrzemienskiCopyright (c) 2001 Jeremy Siek <jsiek@cs.indiana.edu>Copyright (c) 2014-2020 Antony PolukhinCopyright (c) 2008, 2009 Peter DimovCopyright (c) Thomas Witt 2002Copyright John Maddock 2009Copyright 2013 Christian Henning and Juan V. PuertosCopyright 1997, 1998, 1999, 2000 University of Notre DameCopyright (c) 2001-2005 Peter Dimov(c) Copyright 2013 Andrey SemashevCopyright (c) 2009 Gunter WinklerCopyright 2017 Kohei Takahashi(c) Copyright Dynatrace 2017Copyright 2005 Matthias TroyerCopyright John Maddock 2011Copyright 2004 Eric NieblerCopyright John Maddock 2010Copyright John Maddock 2015Copyright John Maddock 2014Copyright (c) 2019 Mika Fischer (mika.fischer@zoopnet.de)Copyright John Maddock 2013Copyright John Maddock 2012(c) Copyright 2008-2009,2012 Vicente J. Botet EscribaCopyright John Maddock 2019Copyright John Maddock 2018Copyright 1999, 2000 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi)Copyright John Maddock 2017Copyright John Maddock 2016Copyright (c) Pablo Aguilar 2005Copyright (c) 2013 - 2020 Andrey SemashevCopyright Shreyans Doshi 2017Copyright John Maddock 2020Copyright (c) 2014 Mageswaran.DCopyright 2017 James E. King, III(c) Copyright 2010 Robert Ramey - http://www.rrsd.comCopyright (c) 2001-2008 Hartmut Kaiser(c) Copyright 2002-4 Robert Ramey - http://www.rrsd.comCopyright (c) 2016 Stefan Seefeld All rights reservedCopyright 2008 Howard Hinnantcopyright (c) 2018 Oracle and/or its affiliatesCopyright 2017 Antony PolukhinCopyright 2010 Mario Mulansky(c) Copyright Ion Gaztanaga 2007-2012Copyright (c) 2004 Arkadiy Vertleyb(c) Copyright Ion Gaztanaga 2007-2013Copyright (c) 2013 Vicente Botet(c) Copyright Gennadiy Rozental 2006-2010Copyright 2010 Vicente J. Botet EscribaCopyright (c) 2009 Ben Hanson (http://www.benhanson.net/)(c) Copyright David Abrahams 2001 - 2002Copyright (c) 2001 David AbrahamsCopyright (c) 2019 T. Zachary LaineCopyright Jens Maurer 2000Copyright 2004 Aleksey GurtovoyCopyright (c) 2014-2016 Andrzej KrzemienskiCopyright Jens Maurer 2002Copyright Jens Maurer 2006Copyright 2018-2020 Rene RiveraCopyright (c) 2010 Felipe Tanus, Boris SchaelingCopyright Shunsuke Sogame 2005-2006Copyright 2013 Kyle LutzCopyright (c) 2016-2017 Oracle and/or its affiliatesCopyright (c) 2013 Tim Blechmann Linux-specificCopyright (c) 2013 Tim BlechmannCopyright 2015, 2020 Andrey SemashevCopyright Rene Rivera 2014-2019Copyright 2019 Hans Dembinski, Henry SchreinerCopyright (arg) 2001-2014 Joel de GuzmanCopyright (c) 2010-2011 Tim BlechmannCopyright 2001, 2002 Dave AbrahamsCopyright (c) 2004 Beman DawesCopyright (c) 2018 Cem BassoyCopyright John Maddock, 2017Copyright (c) 2001-2009, Hartmut KaiserCopyright 2008 Joaquin M LopezCopyright Eric Friedman 2002-2003Copyright (c) 2008-2019 Lorenzo CaminitiCopyright (c) 2005 Thomas GuestCopyright (c) 2001-2009 Hartmut KaiserCopyright (c) 2003 Dave Abrahams(c) MidLetter or MidNumLetCopyright (c) 2012 Lorenzo CaminitiCopyright 2014 Microsoft CorporationCopyright (c) 2002 Peter Dimov and Multi Media Ltd.Copyright 2009 Alexander NasonovCopyright John Maddock, 2020(c) Copyright Matei David 2014-2014(c) Copyright Herve Bronnimann 2004(c) Copyright Marshall Clow 2018Copyright (c) 2007-9 Anthony WilliamsCopyright 2014-2016 Glen Joseph Fernandes (glenjofe@gmail.com)(c) Copyright 2010 Vicente J. Botet Escriba(c) Copyright Ion Gaztanaga 2007-2014(c) Copyright Ion Gaztanaga 2007-2015Copyright (c) 2005 The Trustees of Indiana UniversityCopyright (c) 1995-2003 Jean-loup Gailly and Mark Adler(c) Copyright Ion Gaztanaga 2007-2017(c) Copyright Marshall Clow 2012(c) Copyright Jeremy Siek 2001-2004Copyright (c) 2004 by Henrik RavnCopyright Jeremy W. Murphy 2015Copyright (c) 2018-2019, Oracle and/or its affiliatesCopyright Thorsten Ottosen, Neil Groves 2006Copyright (c) 2006-2010 The Trustees of Indiana UniversityCopyright 2002 Rene RiveraCopyright (c) 2002 InstituteCopyright (c) 2017-2020 Antony PolukhinCopyright 2001 Beman DawesCopyright (c) 2009 Frank Mori HessCopyright (c) Tobias Schwinger http://spirit.sourceforge.netCopyright (c) 2005 Eric NieblerCopyright (c) 2002 Raghavendra Satish http://spirit.sourceforge.netCopyright (c) 2006 Tobias Schwinger http://spirit.sourceforge.netCopyright 2003-2006. Rene RiveraCopyright (c) 2020 Caian Benedicto, Campinas, BrazilCopyright (c) 2007-2011 Joachim FaulhaberCopyright 2004-2005 Peter DimovCopyright (c) 2007-2011 Hartmut KaiserCopyright 2015-2018 Andrey SemashevCopyright (c) 2005-2006 Dan Marsden(c) Copyright 2009 Dmitry Bufistov, Andrew SuttonCopyright 2012 Kenneth Riddile, Christian Henning(c) Copyright Antony Polukhin 2012-2014Copyright 2002-2005 Beman DawesCopyright 2015, 2017 Andrey SemashevCopyright (c) 2003 Vaclav VeselyCopyright (c) 2006, 2007 Matthew Calabrese(c) Copyright 2018 Robert Ramey - http://www.rrsd.com(c) Copyright Gennadiy Rozental 2003-2014(c) Copyright 2008-9 Anthony Williams(c) Copyright Gennadiy Rozental 2003-2015Copyright (c) 2017 Daniel JamesCopyright (c) 2018 Mateusz LoskotCopyright (c) 2002-2003 Hartmut KaiserCopyright (c) 2013 Daniel James(c) Copyright Eric Ford & Hubert Holin 2001(c) Copyright John Maddock and Steve Cleary 2000Copyright (c) 1995-2017 Jean-loup Gailly and Mark AdlerCopyright 2006-2011 Daniel JamesCopyright John Maddock 2005-2008Copyright John Maddock 2005-2006Copyright Jean-loup Gailly Osma Ahvenlampi <Osma.Ahvenlampi@hut.fi>Copyright 2004, 2005 Markus SchoepflinCopyright (c) 2005 Jordan DeLong http://spirit.sourceforge.net(c) Copyright Jesse Williamson 2009Copyright (c) 1998-2007 John MaddockCopyright (c) 2007 Hartmut Kaiser http://spirit.sourceforge.netCopyright (c) Reece H Dunn 2004Copyright (c) 1995-2011, 2016 Mark AdlerCopyright 2012 (c) Google, Inc.Copyright 2006 Noel BelcourtCopyright (c) 1998-2003 John MaddockCopyright (c) 2008-2011 Bruno Lalandecopyright (c) 2017-2019 Oracle and/or its affiliates(c) Copyright 2010 Bryce LelbachCopyright 2017, 2020 Peter DimovCopyright (c) 1995-2016 Mark AdlerCopyright (c) 2019 DamianCopyright John Maddock(c) Copyright Jens Mauer 2001Copyright Rene Rivera 2011-2017Copyright Rene Rivera 2011-2019Copyright (c) 2017 think-cell GmbHCopyright 2007-2012 Ion GaztanagaCopyright Rene Rivera 2011-2013Copyright Rene Rivera 2011-2012Copyright Rene Rivera 2011-2015Copyright (c) 2016-2018, Oracle and/or its affiliates(c) Copyright 2007 Andreas KloecknerCopyright 2020 Mateusz LoskotCopyright (c) 2001, 2002, 2012 Peter DimovCopyright (c) 2011 Robert NelsonCopyright (c) 2001-2018 Joel de GuzmanCopyright Antony Polukhin, 2018Copyright Sebastian Ramacher, 2007copyright (c) 2013, 2014 Oracle and/or its affiliates(c) Copyright Runar Undheim, Robert Ramey & John Maddock 2008Copyright Antony Polukhin, 2020Copyright 2015 Klemens MorgensternCopyright (c) 2008-2014 Barend Gehrels, AmsterdamCopyright 2006-2014 Joaquin M LopezCopyright (c) 2011-2014 Adam Wulkiewicz, Lodz, PolandCopyright (c) 2014 Riccardo MarcangeloCopyright (c) 2015 Andrey SemashevPero copyright 2010(c) Copyright 2013 Louis DionneCopyright (c) 2018 Klemens D. MorgensternCopyright 2010 Christophe Henry henrycopyright Jason Rice 2016copyright Jason Rice 2017Copyright 2007-2009, 2017 Peter DimovCopyright 2019 - Thomas KentCopyright (c) 2005, 2012 Mark AdlerCopyright (c) 2001-2004 Peter Dimov and Multi Media Ltd.Copyright (c) 2013 - 2018, 2020 Andrey Semashev(c) Copyright 2009 Robert RameyCopyright 2018 Mike DevCopyright (c) 2005-2010 The Trustees of Indiana UniversityCopyright (c) 2016 Peter DimovCopyright Duncan Exon Smith 2012(c) 2018-2020 Niall Douglas <http://www.nedproductions.biz/>Copyright (c) 2018, Andrzej KrzemienskiCopyright Paul A. Bristow 2007, 2009, 2010, 2012Copyright (c) 2004 Vyacheslav E. Andrejev http://spirit.sourceforge.netCopyright 2006 Eric Niebler, Olivier GygiCopyright (c) 2013-2017 Adam Wulkiewicz, Lodz, PolandCopyright John Maddock 2007-8copyright (c) 2015-2020 Oracle and/or its affiliatesCopyright (c) 2008 Joseph Gauterin, Niels DekkerCopyright 2000 Jeremy Siek (jsiek@lsc.nd.edu)Copyright (c) 2003 Gennaro ProtaCopyright 2007-2009 Daniel JamesCopyright 2002-2008 Andreas Huber DoenniCopyright 2017 Edward DienerCopyright 2006 Ion GaztanagaCopyright 2012 Daniel JamesCopyright Markus J. Weber 2015Copyright (c) 2016, Oracle and/or its affiliatesCopyright 2004 John MaddockCopyright (c) 2005-2010 Vladimir PrusCopyright (c) 1996-1999 Silicon Graphics Computer Systems, Inc.Copyright (c) 2001-2003 William E. KempfCopyright (c) 2017 James E. King, IIICopyright (c) 2008 Dan MarsdenCopyright (c) 2017 Glen Joseph Fernandes (glenjofe@gmail.com)Copyright 2007 John Maddock and Paul A. BristowCopyright 2004, 2005, 2006 Vladimir PrusCopyright 2005 Ben Hutchings(c) Copyright Peter Dimov and Multi Media Ltd. 2001, 2002, 2003Copyright Andrii Sydorchuk 2014Copyright Andrii Sydorchuk 2015Copyright (c) 2020 John MaddockCopyright 2010 Thomas Heller(c) Copyright 2011-2012 Vicente J.Botet EscribaCopyright Marco Guazzone 2014Copyright Paul A. Bristow, 2019Copyright Dave Abrahams 2001-2002(c) Copyright Mark Rodgers 2000copyright (c) 2018, 2019, Oracle and/or its affiliatesCopyright (c) 2008-2009 Ben Hanson (http://www.benhanson.net/)Copyright (c) 2011 Daniel James http://spirit.sourceforge.netCopyright David Abrahams and Gottfried Ganssauge 2003Copyright 2012-2015 Glen Joseph Fernandes (glenjofe@gmail.com)Copyright (c) 2006-2007 Tobias SchwingerCopyright (c) Charles Karney (2008-2017) <charles@karney.com>Copyright Andrii Sydorchuk 2012Copyright (c) 2014-2015, Oracle and/or its affiliatesCopyright 2012 Olivier TournaireCopyright 2008, 2012 Jurko GospodneticCopyright 2020 Antony PolukhinCopyright (c) 2002, 2003, 2015 Peter DimovCopyright (c) 2005 Peter DimovCopyright (c) 2007, 2013 Peter DimovCopyright 2014-2015 Renato Tegon Forti, Antony Polukhin(c) Copyright Ion Gaztanaga 2010-2016(c) Copyright Ion Gaztanaga 2010-2013(c) Copyright Ion Gaztanaga 2010-2012Copyright Gottfried Ganssauge 2003..2006copyright (c) 2016, Oracle and/or its affiliatesCopyright (c) 2007-2008 Even RouaultCopyright (c) 1999, 2000 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi)Copyright (c) 2003 Martin WilleCopyright (c) 2003 Jonathan de Halleux (dehalleux@pelikhan.com) http://spirit.sourceforge.netCopyright 2004-5 Trustees of Indiana UniversityCopyright Beman Dawes 2002-2005, 2009Copyright 2003-2005 Peter DimovCopyright (c) 2013 Agustin Berge http://spirit.sourceforge.netCopyright (c) 2015 Jakub Pola <jakub.pola@gmail.com>Copyright (c) 2014 Erik ErlandsonCopyright (c) 1995-2016 Jean-loup Gailly, Mark AdlerCopyright (c) 2003 Hartmut KaiserCopyright (c) 2014 Jamboreecopyright (c) 2019-2020 Oracle and/or its affiliates(c) Copyright Dave Abrahams, Steve Cleary, Beman Dawes, Howard Hinnant and John Maddock 2000(c) Copyright Rene Rivera 2005Copyright 2006-2019 Joaquin M LopezCopyright 2012 Andreas PokornyCopyright 2012-2019 Glen Joseph Fernandes (glenjofe@gmail.com)Copyright 2002-2017 Vladimir PrusCopyright (c) 2017, 2018, Oracle and/or its affiliatesCopyright 2008 Roland Schwarz(c) Copyright Michael Glassford 2004(c) Copyright 2010 Tim BlechmannCopyright 2003, 2005, 2007 Dave AbrahamsCopyright (c) 2010 Chris HoepplerCopyright 2006 Peter DimovCopyright (c) 2015 Artyom BeilisCopyright 2012 Christian HenningCopyright 2004-2007 Andreas Huber DoenniCopyright (c) 2017 Vicente J. Botet EscribaCopyright (c) 2018 Mike DevCopyright Michael Caisse 2010Copyright (c) 2019 Nikita Kniazev http://spirit.sourceforge.netCopyright (c) 2013 Andreas Hehn <hehn@phys.ethz.ch> , ETH Zurich basedCopyright (c) 2004, 2010 Mark AdlerCopyright 2019-20 Madhur ChauhanCopyright (c) 2001-2011 Hartmut Kaiser http://spirit.sourceforge.netCopyright (c) 2014, 2018 Oracle and/or its affiliatesCopyright (c) 2009-2014 Mateusz Loskot, London, UK.Copyright 2002 Aleksey Gurtovoy (agurtovoy@meta-comm.com)Copyright (c) 2008-2015 Bruno LalandeCopyright Paul A. Bristow & John Maddock 2009, 2010Copyright 2017-2020 Antony PolukhinCopyright 2017 Glen Joseph Fernandes (glenjofe@gmail.com)Copyright 2011-2012 Karsten AhnertCopyright (c) 2011-2012 Vicente J. Botet EscribaCopyright 2005 Joel de GuzmanCopyright (c) 2012-2013 Vicente BotetCopyright Jim Bosch 2011-2012Copyright (c) 2018 Stefan SeefeldCopyright (c) 2008-2011 Daniel JamesCopyright (c) 2011,2014 Vicente J. Botet Escriba(c) Copyright 2012 Vicente BotetCopyright (c) 2019 Damian Jarek(c) Copyright Jeremy Siek, 2001Copyright 2017 Peter DimovCopyright (c) 2012 - 2014, 2017 Andrey SemashevCopyright (c) 2002 Juan Carlos Arevalo-Baeza http://spirit.sourceforge.netCopyright (c) 2015-2019 Vinnie FalcoCopyright 2011-2014 Karsten AhnertCopyright (c) 2019, Oracle and/or its affiliates(c) Copyright Jorge Lodos 2008Copyright 2013 Peter DimovCopyright 2005-2006 Vladimir PrusCopyright (c) 2008. Jurko GospodneticCopyright 2015, 2016, 2017 Peter DimovCopyright 2018-2020 Peter DimovCopyright (c) 2007-8 Anthony WilliamsCopyright (c) Microsoft Corporation 2014Copyright (c) 2014 Pieter Bastiaan OberCopyright (c) 2002-2010 Joel de GuzmanCopyright 2009 Daniel James(c) Copyright Rani Sharoni,Robert Ramey, Pavel Vozenilek and Christoph Ludwig 2004(c) Copyright Pieter Bastiaan Ober 2014Copyright David Abrahams and Aleksey Gurtovoy 2002-2004Copyright 2019-2020 Antony PolukhinCopyright (c) 2003 Daniel Frey(c) 2018 - 2019 Niall Douglas <http://www.nedproductions.biz/>Copyright 2005 Daniel JamesCopyright (c) 2017 Vicente BotetCopyright (c) 2014-2019 Antony Polukhin(c) 2012,2014 Advanced Micro Devices, Inc. All rights reservedCopyright 2018 T. Zachary Laine (whatwasthataddress@gmail.com)Copyright (c) 2009 John MaddockCopyright (c) 2007 by Frank Mori Hess <fmhess@users.sourceforge.net>Copyright 2001, 2004, 2011 Daryle WalkerCopyright (c) 2003-2005 Peter Dimov(c) Copyright Marek Kurdej 2014Copyright 2002, 2003, 2004 Vladimir PrusCopyright 2012-20 John MaddockCopyright 2006 Roland SchwarzCopyright (c) 2020 Steffen HirschmannCopyright 2019 Mike DevCopyright (c) 2017 Bjorn ReeseCopyright (c) 1997,99 Borland CorporationCopyright 2008 Vladimir PrusCopyright (c) 2000 Gary Powell (gary.powell@sierra.com)Copyright (c) 2007, 2013 John MaddockCopyright (c) 2009 Andrew Suttoncopyright (c) 2014-2018, Oracle and/or its affiliates(c) Copyright Daryle Walker 2001, 2006Copyright 2011-2012 Vicente J.Botet EscribaCopyright 2011, Andrew RossCopyright (c) 2015 Klemens D. MorgensternCopyright (c) 2015 Seth Heeren(c) Copyright Oliver Kowalke 2016Copyright (c) 1998-2002 Joel de Guzman http://spirit.sourceforge.netCopyright (c) 2002 Eric Friedman, Itay MamanCopyright 2010-2012 Karsten AhnertCopyright 2004 Douglas Gregor(c) Copyright Gennaro Prota 2003Copyright Jason Rice 2016Copyright Joel de Guzman 2002-2007Copyright Jason Rice 2017Copyright (c) Ben Pope 2014Copyright Joel de Guzman 2002-2004Copyright (c) 2002,2003,2020 CrystalClear Software, Inc.Copyright (c) 2006 Piotr Wyderski(c) Copyright 2017 Robert Ramey - http://www.rrsd.comCopyright Jason Rice 2015Copyright (c) 2012 Agustin K-ballo BergeCopyright 2014, 2017 Peter DimovCopyright (c) 2015 Oracle and/or its affiliatesCopyright (c) 2018 Ion GaztanagaCopyright (c) 2002,2003, 2007 CrystalClear Software, Inc.Copyright 2008-2010 Gordon WoodhullCopyright (c) 2008 Federico J. FernandezCopyright Steven Watanabe 2009-2011(c) Copyright 2010-2011 Vicente J. Botet EscribaCopyright Alexander Nasonov, 2007Copyright Alexander Nasonov, 2006Copyright 2010 Andy Tompkins(c) Copyright Gaetano Mendola 2010, Simon West 2011(c) 2019-2020 Niall Douglas <http://www.nedproductions.biz/>Copyright 2019-2020 Glen Joseph Fernandes (glenjofe@gmail.com)Copyright 2015 John FletcherCopyright (c) 2011-2014 Antony PolukhinCopyright (c) 2002 Bill KempfCopyright (c) 2014, Oracle and/or its affiliatesCopyright (c) 2011-2017 Antony PolukhinCopyright 2008 CodeRage, LLCCopyright 2014 Neil GrovesCopyright (c) 1998-2010 - by Gilles VollantCopyright (c) 2005-2006 Alain Miniussi(c) Copyright Ion Gaztanaga 2014Copyright Daniel Walker 2007Copyright Daniel Wallin 2006(c) Copyright Ion Gaztanaga 2009Copyright Daniel Wallin 2005Copyright Daniel Walker 2006Copyright Daniel Wallin 2007Copyright (c) 2003-2011 Christopher M. KohlhoffCopyright (c) 2004 Chris Hoeppler http://spirit.sourceforge.netCopyright Rene Rivera 2004-2006Copyright (c) 2017 Francisco Jose Tapia fjtapia@gmail.comCopyright (c) 2006 Vladimir PrusCopyright Kevlin Henney, 2000, 2001. All rights reservedCopyright 2009 Howard Hinnant(c) Copyright Antony Polukhin, 2012-2020Copyright (c) 2011-2020 Antony PolukhinCopyright (c) 2018 Adeel Ahmad, Islamabad, PakistanCopyright (c) 2008-2015 Barend Gehrels, Amsterdam(c) Copyright Beman Dawes 2006, 2009, 2014Copyright 2007-2010 Rene RiveraCopyright 2019 Dmitry ArkhipovCopyright 2007-2012 Christian Henning, Lubomir Bourdev(c) Copyright Ion Gaztanaga 2006(c) Copyright Ion Gaztanaga 2005(c) Copyright Ion Gaztanaga 2008Copyright (c) 2015, 2018, Oracle and/or its affiliatesCopyright 2011 John MaddockCopyright (c) 2004 Toon KnapenCopyright (c) 2017 James E. King IIICopyright 2001-2005 CrystalClear Software, Inc http://www.crystalclearsoftware.comCopyright 2016 Daniel JamesCopyright Thorsten Ottosen 2003-2008Copyright (c) 2012 Louis DionneCopyright (c) 2008-2019 Bruno LalandeCopyright (c) 2005-2008 Hartmut KaiserCopyright Thorsten Ottosen 2003-2007Copyright 2008, 2017 Peter Dimov(c) Copyright David Abrahams, Vicente Botet 2009Copyright Thorsten Ottosen 2003-2006Copyright Thorsten Ottosen 2003-2005Copyright (c) 2015,2018 Kohei TakahashiCopyright <http://www.ams.org>Copyright 2002, 2003, 2004, 2007 Vladimir PrusCopyright Thorsten Ottosen 2003-2004Copyright (c) 2017 Paul Fultz II static\_def.cppCopyright (c) 2003 Eric FriedmanCopyright (c) 2019 Mateusz LoskotCopyright (c) 2010 IlyaCopyright 2012 Chung-Lin Wen(c) Copyright Vicente J. Botet Escriba 2013-2017(c) Copyright Vicente J. Botet Escriba 2013-2014Copyright (c) 2011 Paul A. Bristow To(c) Copyright Daniel James 2011Copyright (c) 2010 Hartmut KaiserCopyright (c) 2010-2011 Bryce LelbachCopyright (c) 2014 Ian ForbedCopyright (c) 2007 Joseph GauterinCopyright (c) 2008, 2016 Tim BlechmannCopyright (c) 2020, Debabrata Mandal <mandaldebabrata123@gmail.com>copyright (c) 2015, 2019 Oracle and/or its affiliatesCopyright (c) 2007-2011 Barend Gehrels, AmsterdamCopyright 2015-2017 Hans DembinskiCopyright 2017 Daniel JamesCopyright (c) 2018 Andrzej KrzemienskiCopyright (c) 2001-2016 Joel de GuzmanCopyright 2015 Steven Watanabe(c) Copyright 2002, 2003 Beman DawesCopyright (c) 2004 Robert Ramey, Indiana University (garcia@osl.iu.edu) Andrew Lumsdaine, Indiana University (lums@osl.iu.edu)Copyright (c) 2011 Roji PhilipCopyright (c) 2006-2009 Emil Dotchevski and Reverge Studios, Inc.Copyright 2005 Eric Niebler, Daniel EgloffCopyright (c) 1994 Hewlett-Packard CompanyCopyright (c) Joaquin M Lopez Munoz 2004Copyright 2003, 2004, 2005 Dave AbrahamsCopyright (c) 2008 Gerald I. EvendenCopyright John Maddock 2008-11Copyright (c) 2009 Daniel JamesCopyright 2005-2010 Daniel JamesCopyright 2002, 2003 Dave AbrahamsCopyright (c) 2004-2017 Mark AdlerCopyright Andrey Semashev 2015 - 2018Copyright 2017-2018 Glen Joseph Fernandes (glenjofe@gmail.com)Copyright 2020 Dmitry ArkhipovCopyright 2008 Christian HenningCopyright Timmo Stange 2007Copyright (c) 2007, 2014 Peter DimovCopyright (c) 2001 Jeremy Siek, Douglas Gregor, Brian OsmanCopyright (c) 2000-2007 Joerg Walter, Mathias Koch, Gunter WinklerCopyright 2020 Rene RiveraCopyright (c) 2008 Rep Invariant Systems, Inc. (info@repinvariant.com)Copyright (c) 2008 Beman DawesCopyright (c) 2003 Rational Discovery LLC.Copyright (c) 2001-2003 Joel de GuzmanCopyright (c) 2008, 2011 Peter DimovCopyright 2006-2010 Daniel JamesCopyright 2017 - 2018 James E. King III(c) Copyright Edward Diener 2012,2013Copyright (c) 2011 Matthias BornCopyright 2005-2007 Adobe Systems IncorporatedCopyright (c) John Maddock and Paul A. Bristow 2009, 2010, 2012Copyright (c) 1999-2003 Jaakko JarviCopyright (c) 2004-2009 The Trustees of Indiana UniversityCopyright 2013 Juan V. Puertos G-Cluster, Christian HenningCopyright (c) 2004-2008 The Trustees of Indiana UniversityCopyright 2012, Trustees of Indiana UniversityCopyright John Maddock 2008Copyright (c) 2013 Christian HenningCopyright John Maddock 2007Copyright 2015-2016 Hans DembinskiCopyright (c) 2010-2011 Joachim FaulhaberCopyright John Maddock 2006Copyright (c) 2000-2013 Joerg Walter, Mathias Koch, Athanasios IliopoulosCopyright John Maddock 2005Copyright (c) 2001-2002 Joel de GuzmanCopyright (c) 2016-2019, Antony PolukhinCopyright 2002-2006. Vladimir PrusCopyright Beman Dawes and Daryle Walker 1999Copyright (c) 1995-2008 Mark AdlerCopyright (c) 2010 Nuovation System Designs, LLCCopyright (c) 2005 Reece H. DunnCopyright 2011 Mario MulanskyCopyright (c) 1995 Maarten Hilferink, AmsterdamCopyright (c) 2006, 2007 Julio M. Merino VidalCopyright (c) 2002 Hartmut Kaiser http://spirit.sourceforge.netCopyright 2008 Aaron WindsorCopyright (c) 2010 Daniel James http://spirit.sourceforge.netCopyright 2014, Raffi EnficiaudCopyright 2016 Klemens D. MorgensternCopyright Hans Dembinski 2018-2019Copyright (c) 2002 David AbrahamsCopyright 2019 Damian JarekCopyright (c) 2017-2019, Oracle and/or its affiliatesCopyright (c) 2013 Alex KorobkaCopyright 2004 Vladimir Prus(c) Copyright 2009 Eric Bose-WolfCopyright (c) 2017 Kristian Popov <kristian.popov@outlook.com>Copyright Paul A. Bristow 2006-7Copyright (c) 2007-2016 Barend Gehrels, Amsterdam(c) Copyright Boris Rasin and Antony Polukhin 2014-2019Copyright (c) 2003-2008 Matthias Christian SchabelCopyright (c) 2001-2010 Joel de GuzmanCopyright (c) 2005-2020 Christopher M. KohlhoffCopyright 2011 Garmin Ltd. or its subsidiaries(c) Copyright 2012 Howard HinnantCopyright (c) 2009-2012 Lorenzo CaminitiCopyright (c) 2018-2020 Oracle and/or its affiliatesCopyright (c) 2009 Anthony WilliamsCopyright (c) 2000-2011 Joerg Walter, Mathias Koch, David BellotCopyright (c) 2000-2020 CrystalClear Software, Inc.Copyright (c) 2012 Robert RameyCopyright Joel de Guzman 2005-2006Copyright 2006 Alexander NasonovCopyright (c) 2004-2009 Trustees of Indiana UniversityCopyright (c) 2009 Jean-Francois OstiguyCopyright (c) 2007 Dan Marsden(c) Copyright Boris Gubenko 2007(c) Copyright 2013 Ruslan BaratovCopyright 2007 John Maddock(c) Copyright Gennadiy Rozental 2002-2015(c) Copyright 2007-10 Anthony Williams(c) Copyright Gennadiy Rozental 2002-2014Copyright (c) 2017 Paul Fultz II rotate\_lazy.cppCopyright Antony Polukhin, 2016-2020Copyright (c) 2019 Michal JaniszewskiCopyright (c) 2013 Barend Gehrels, AmsterdamCopyright (c) 2006 The Trustees of Indiana UniversityCopyright (c) 2001 Doug Gregorcopyright (c) 2013-2015, Oracle and/or its affiliatesCopyright 2004 Jonathan BrandmeyerCopyright (c) 2002-2018 Joel de GuzmanCopyright Gennadiy RozentalCopyright (c) 2015-2016 Vinnie Falco(c) Copyright 2009-2012 Vicente J. Botet EscribaCopyright (c) 2001 Bruce Florman(c) Copyright Edward Diener 2011-2015Copyright (c) 2010 Neil GrovesCopyright 2012 Mario MulanskyCopyright (c) 2013 Carl BarronCopyright 2001 Dietmar KuehlCopyright Chris Glover, 2016Copyright 2017 - 2019 James E. King IIICopyright 2010-2011 Karsten AhnertCopyright (c) 2016 Modified Work Barrett AdairCopyright (c) 2014-2017 Adam Wulkiewicz, Lodz, PolandCopyright (c) 2003 David Abrahams(c) Copyright 2003-4 Pavel Vozenilek and Robert Ramey - http://www.rrsd.comCopyright (c) 2003 Giovanni Bajo(c) Copyright 2017 - 2019 James E. King IIICopyright (c) 2020 Alexander GrundCopyright (c) 2012 David StoneCopyright Daniel Wallin, David Abrahams 2005Copyright (c) 2011 Takaya SaitoCopyright (c) 2011, 2016 Tim BlechmannCopyright 2005-2014 Daniel JamesCopyright Frank Mori Hess 2007,2009Copyright (c) 2015 Kohei TakahshiCopyright (c) 2009-2009 Joachim Faulhaber(c) Copyright 2012 Vicente J. Botet EscribaCopyright (c) 2002-2003 Vladimir PrusCopyright Louis Dionne 2013Copyright Louis Dionne 2016Copyright (c) 2013-2016 Vinnie FalcoCopyright Louis Dionne 2015Copyright (c) 2006 Arkadiy VertleybCopyright 2003-2008 Jan Gaspar(c) Copyright David Abrahams 2002 - 2003Copyright 2003-2014 Joaquin M LopezCopyright (c) 2012-2020 Antony PolukhinCopyright 2012-2013 Andreas Angelopoulos(c) Copyright Milan Svoboda 2008Copyright (c) 2010-2019 Barend Gehrels, AmsterdamCopyright Antony Polukhin, 2016-2019Copyright (c) Marshall Clow 2008-2012(c) Copyright Jeremy Siek 1999-2004Copyright 2007 CodeRage(c) Copyright Jeremy Siek 1999-2001Copyright (c) 2013-2014 Agustin BergeCopyright 2009, Andrew SuttonCopyright (c) 1995-2003 by Jean-loup GaillyCopyright Wind River 2017(c) Copyright Jeremy Siek and John R. Bandela 2001Copyright Daniel James 2005-2009Copyright 2012, Philipp MoellerCopyright 2007-2008 Christian Henning, Andreas PokornyCopyright (c) 2019Robert RameyCopyright 2009-2011 Karsten Ahnert(c) Copyright Douglas Gregor 2003-2004Copyright 2012, 2017 Peter DimovCopyright (c) 2010 Athanasios IliopoulosCopyright (c) 2002, 2003 Peter Dimov and Multi Media Ltd.(c) Copyright Jeremy Murphy 2015Copyright Pierre Esterie & Joel FalcouCopyright Christopher Kormanyos 2013 - 2014Copyright 2007-2009, 2018 Peter DimovCopyright (c) 2016 Frank Hein, maxence business consulting gmbhCopyright (c) 2002-2003 Martin Wille http://spirit.sourceforge.netCopyright (c) 2014,2018 Kohei Takahashi(c) Copyright Aleksey Gurtovoy 2002 - 2003Copyright (c) 2017 Paul Fultz IICopyright (c) 2001-2010 Hartmut Kaiser. CopyrigthCopyright (c) 2003, 2012 Mark Adler, all rights reservedCopyright (c) 2012 Peter DimovCopyright 2012 Vicente J. Botet EscribaCopyright 2012 Phil EndecottCopyright 2005 Toon KnapenCopyright 2014, 2015, 2017 Peter DimovCopyright 2006-2007 Roland SchwarzCopyright (c) 2018-2019 Mateusz Loskot <mateusz@loskot.net>Copyright (c) 2012 Steven Watanabe 2014 Oliver KowalkeCopyright (c) 2017 Steven WatanabeCopyright 2012 (c) Jeffrey Lee Hellrung, JrCopyright (c) 2000-2003 Gary Powell (powellg@amazon.com)Copyright 2006-2007 Boris Gubenko(c) Copyright 2009 Robert Ramey - http://www.rrsd.comcopyright (c) 2015-2018, Oracle and/or its affiliatesCopyright (c) 2002 Juan Carlos Arevalo-BaezaCopyright (c) 2001 Bruce Florman http://spirit.sourceforge.netCopyright (c) 2002-2005 CrystalClear Software, Inc.(c) Copyright 2011-2012 Vicente J. Botet EscribaCopyright 2002, 2006 Vladimir PrusCopyright Douglas Gregor 2001-2006Copyright Douglas Gregor 2001-2004Copyright Douglas Gregor 2001-2003Copyright (c) 2012-2014 Adam Wulkiewicz, Lodz, PolandCopyright 2011 Paul A. Bristow ToCopyright (c) 2010, 2012 Christopher SchmidtCopyright (c) 2013 Muhammad Junaid Muzammil <mjunaidmuzammil@gmail.com>Copyright (c) 2017-2018 Oracle and/or its affiliatesCopyright Justinas Vygintas Daugmaudis, 2010Copyright (c) 2003, 2006 Gerald I. EvendenCopyright (c) 1996,1997 Silicon Graphics Computer Systems, Inc.Copyright Eric Niebler 2014Copyright (c) 2013, 2017 Daniel JamesCopyright Bryce Lelbach 2010Copyright 2013 Daniel JamesCopyright 2017 Dmitry ArkhipovCopyright (c) 2018 Oxford Nanopore TechnologiesCopyright (c) 2002-2006 Marcin KalicinskiCopyright 2011-2013 Karsten Ahnertcopyright (c) 2016-2018 Oracle and/or its affiliates(c) Copyright 2013, 2020 Andrey SemashevCopyright Eric Niebler 2008Copyright (c) 2013-2015 Barend Gehrels, AmsterdamCopyright (c) 2017 John MaddockCopyright (c) 2001 Peter DimovCopyright Eric Niebler 2009Copyright (c) 2003-2004, 2008 Gennaro ProtaCopyright 2011 Simon West(c) Copyright 2014 Jim BellCopyright Eric Niebler 2006Copyright Eric Niebler 2005Copyright (c) 2015 Kyle Lutz <kyle.r.lutz@gmail.com>Copyright Eric Niebler 2010(c) Copyright Ion Gaztanaga 2018-2018Copyright Vladimir Prus, 2002(c) Copyright Jeremy William Murphy 2015Copyright 2002, 2020 Rene Riveracopyright (c) 2013-2017 Oracle and/or its affiliates(c) Copyright Jeremy William Murphy 2016Copyright (c) 2001-2015 Joel de GuzmanCopyright (c) Microsoft Corporation(c) Copyright 2010 Just Software Solutions Ltd http://www.justsoftwaresolutions.co.uk(c) Copyright Eric Jourdanneau, Joel Falcou 2010Copyright (c) 2003 Chris Anderson <christop@charm.net>Copyright (c) 2007 Douglas GregorCopyright 2008 Trustees of Indiana UniversityCopyright 2012 Daryle WalkerCopyright 2007 Eric NieblerCopyright 2002 Rensselaer Polytechnic InstituteCopyright 2004-2005 CrystalClear Software, Inc http://www.crystalclearsoftware.comcopyright (c) 2014, 2019 Oracle and/or its affiliatesCopyright (c) 2018, Oracle and/or its affiliatesCopyright 2001-2014, Gennadiy RozentalCopyright (c) 2005-2009 Jongsoo ParkCopyright 2005 Dave AbrahamsCopyright 2012 Lee HodgkinsonCopyright 2014 Steven WatanabeCopyright 2006 Matias CapelettoCopyright (c) 2004-2008 Rene NyffeneggerCopyright 2018 Mateusz LoskotCopyright Beman Dawes 2006, 2011Copyright Beman Dawes 2006, 2013(c) Copyright Beman Dawes 1995-2001Copyright 2015 LRICopyright (c) 2014-2015 Kohei TakahashiCopyright (c) 2011 Thomas HellerCopyright (c) 2004 Joao AbecasisCopyright Mike Dev 2018Copyright (c) 2001-2010 Hartmut Kaiser http://spirit.sourceforge.netCopyright (c) 2014-2019 Barend Gehrels, AmsterdamCopyright (c) 2007 Marcin Kalicinski(c) Copyright Beman Dawes 2002-2006Copyright Marshall Clow 2007Copyright (c) 2018-2020 Mateusz Loskot <mateusz@loskot.net>Copyright 2006 Dave AbrahamsCopyright 2015 Vicente J. Botet EscribaCopyright David Abrahams 2002-2003Copyright 2004-2006 Andreas Huber DoenniCopyright (c) 2014 fqiangCopyright (c) 2017-2020 Mateusz Loskot All rights reservedCopyright (c) 1998,1999,2000 by Jacques Nomssi NzaliCopyright (c) 2002-2003 Martin WilleCopyright (c) 2015 Joel de GuzmanCopyright 2016-2020 Peter DimovCopyright 2012 IBM Corp.(c) Copyright 2006 Eric Niebler, Olivier GygiCopyright (c) 2008-2011 Hartmut KaiserCopyright 2009 Eric NieblerCopyright (c) 1998-2008 Joel de GuzmanCopyright (c) 2004 Trustees of Indiana UniversityCopyright (c) 2013-2014 Adam Wulkiewicz, Lodz, PolandCopyright (c) 2000-2013 Joerg Walter, Mathias Koch. David BellotCopyright 2011 Daryle WalkerCopyright 2007, 2014 Peter DimovCopyright Jonathan Brandmeyer, 2004Copyright Peter Dimov and David Abrahams 2002Copyright (c) 2016, 2019 Oracle and/or its affiliates(c) Copyright 2014 Vicente J. Botet EscribaCopyright 2006 Olivier Gygi, Daniel Egloff(c) Copyright Beman Dawes 2002 - 2003(c) Copyright Aleksey Gurtovoy 2003(c) Copyright Aleksey Gurtovoy 2002Copyright John Maddock 2008, 2012Copyright (c) 2003,2007 Rene Rivera(c) Copyright Aleksey Gurtovoy 2004Copyright (c) 2018 Steffen HirschmannCopyright (c) 2011 Michael CaisseCopyright (c) 2013 Jakob Lykke Andersen, University of Southern Denmark (jlandersen@imada.sdu.dk)Copyright (c) 2001 by Andrei AlexandrescuCopyright 2009-2012 Mario MulanskyCopyright 2014-2015 Glen Joseph Fernandes (glenjofe@gmail.com)Copyright (c) 2017-2019 Niall DouglasCopyright 2006-2008 Daniel JamesCopyright Peter Dimov 2017, 2018Copyright Ankit Daftery 2011-2012Copyright (c) 2008 Eric Niebler(c) COPYRIGHT 2018 Reimar DoffingerCopyright (c) 2019 Tinko BartelsCopyright 2004, 2005 Trustees of Indiana UniversityCopyright 2005-2009 Ion Gaztanagacopyright (c) 2013-2014 Oracle and/or its affiliatesCopyright (c) 2009 Tim BlechmannCopyright Kohei Takahashi 2012-2014(c) Copyright 2006 David Abrahams - http://www.boost.orgCopyright (c) 2012 Bruno LalandeCopyright (c) 2002, 2008, 2013 Peter DimovCopyright 2012 Andreas AngelopoulosCopyright (c) 2014 Christoph WeissCopyright 2005. Rene RiveraCopyright Alain Miniussi 2014Copyright (c) 2014-2018 Adam Wulkiewicz, Lodz, PolandCopyright 2002 Indiana UniversityCopyright (c) 2013-2015 Kyle Lutz <kyle.r.lutz@gmail.com>Copyright (c) 1995-2017 Jean-loup Gailly, Mark Adler(c) COPYRIGHT 2017 ARM LimitedCopyright 2015, 2017 Peter DimovCopyright 2009 Frank Mori HessCopyright 2003, 2005 Vladimir PrusCopyright (c) 2009-2010 Mathias Svensson http://result42.comCopyright 2001, 2003 Daryle WalkerCopyright (c) 2009-2016 Vladimir BatovCopyright 2019 Andrey SemashevCopyright 2013 Andrey SemashevCopyright (c) 2015-2016 Barend Gehrels, AmsterdamCopyright (c) 2019 Joel de Guzman(c) Copyright Edward Diener 2019(c) Copyright Edward Diener 2018Copyright (c) 2019 Robert RameyCopyright (c) 2002,2003, 2004 CrystalClear Software, Inc.Copyright 2004 Trustees of Indiana UniversityCopyright (c) 2017 Robert RameyCopyright (c) 2010 Thomas Heller(c) Copyright 2011-2018 Vicente J. Botet EscribaCopyright (c) 2014-2017, Oracle and/or its affiliatesCopyright 2002 Vladimir Prus(c) Copyright Edward Diener 2011Copyright Aleksey Gurtovoy 2003-2008Copyright Aleksey Gurtovoy 2003-2007(c) Copyright Edward Diener 2013(c) Copyright Edward Diener 2012Copyright Aleksey Gurtovoy 2003-2006(c) Copyright Edward Diener 2015Copyright 2007 Baruch ZilberCopyright Aleksey Gurtovoy 2003-2004(c) Copyright Edward Diener 2014Copyright (c) 2014,2015 Vicente J. Botet Escriba(c) Copyright Jeremy Siek 1999(c) Copyright Edward Diener 2016Copyright (c) Jeremy Siek and Andrew Lumsdaine 2000Copyright (c) 1995, 2007-2015 Barend Gehrels, AmsterdamCopyright (c) 2000 Cadenza New Zealand Ltd(c) Copyright Ion Gaztanaga 2004-2019Copyright 2003 Vladimir PrusCopyright 2001, 2002, 2003 Dave AbrahamsCopyright 2017, 2018 Peter DimovCopyright (c) 2002-2003 Toon Knapen, Kresimir Fresl, Joerg Walter(c) Copyright Ion Gaztanaga 2004-2013(c) Copyright Ion Gaztanaga 2004-2012(c) Copyright Ion Gaztanaga 2004-2015Copyright (c) Aaron Windsor 2007Copyright Ralf W. Grosse-Kunstleve & David Abrahams 2006copyright 2010-2001 TimequakeCopyright Thomas Mang 2012Copyright Thomas Mang 2011Copyright Thomas Mang 2010Copyright 2014, 2015, 2019 Peter Dimov(c) Copyright 2005 Matthias TroyerCopyright (c) 2011 Bryce Lelbach(c) Copyright 2005 Eric NieblerCopyright (c) 2014-2020, Oracle and/or its affiliatesCopyright (c) 2013-2014 Mageswaran.DCopyright 2015-2018 Hans DembinskiCopyright (c) 2010 Head GeekCopyright (c) 2004 The Trustees of Indiana UniversityCopyright 2003, 2004 Vladimir PrusCopyright 2003, 2005, 2006 Rene RiveraCopyright Beman Dawes 2006, 2007Copyright (c) 2017 Daniel James http://spirit.sourceforge.netCopyright 2003-2004 Joaquin M LopezCopyright Steven J. Ross 2014Copyright Beman Dawes 2006, 2008Copyright 2007 Rene RiveraCopyright 2009-2012 Vicente J.Botet EscribaCopyright 2003-2013 Joaquin M Lopez(c) Copyright Edward Diener 2020Copyright (c) 2011 Joel de GuzmanCopyright 2016 Bogumil ChojnowskiCopyright 2001-2004 David AbrahamsCopyright (c) 2016-2019, Oracle and/or its affiliatesCopyright Matthias Troyer 2005Copyright 2002-2018 Peter DimovCopyright 2010 Rene RiveraCopyright (c) 2014 Mateusz Loskot, London, UK.Copyright (c) 2019-2020 Alexander GrundCopyright (c) 2006 Eric NieblerCopyright (c) 2016-2019Damian JarekCopyright (c) 2010 Bryce LelbachCopyright 2011, 2015 Peter DimovCopyright (c) 2004 Ralf Mattethat(c) Copyright 2005-2007 Matthias TroyerCopyright Helge Bahmann 2011Copyright Neil Groves 2013Copyright Neil Groves 2010Copyright Neil Groves 2011Copyright 2014-2015 Rene RiveraCopyright Neil Groves 2014Copyright (c) 1998-2003 Joel de GuzmanCopyright Keith MacDonald 2005Copyright 2012-2013 Karsten AhnertCopyright 2015, 2020 Peter DimovCopyright (c) 2010-2011 David Bellot(c) Copyright Stephen Silver, 2001Copyright 2002-2003 Vladimir PrusCopyright (c) Mateusz Loskot 2020(c) 1995-2017 Jean-loup Gailly and Mark AdlerCopyright (c) 2013 Alain Miniussi <alain.miniussi@oca.eu>Copyright (c) 2009 Edward GraceCopyright Neil Groves 2009Copyright 2009 Christian HenningCopyright Neil Groves 2007Copyright (c) 2011-2016 Adam Wulkiewicz, Lodz, PolandCopyright 2018 Glen Joseph Fernandes (glenjofe@gmail.com)Copyright (c) 2013 Steven WatanabeCopyright 2013 Maciej PiechotkaCopyright (c) 2010 Joel de GuzmanCopyright 2016 Rene RiveraCopyright (c) 2007 The Trustees of Indiana UniversityCopyright 2014 MetaScale SASCopyright John R. Bandela 2000-2002(c) Copyright 2008 Joaquin M Lopez(c) Copyright Paul Moore 1999copyright (c) 2014-2016 Oracle and/or its affiliatesCopyright (c) 2002-2003 Eric Friedman, Itay MamanCopyright (c) 2005 Thomas Guest http://spirit.sourceforge.net(c) Copyright 2007 Roland SchwarzCopyright 2002 H Lohninger, TU Wein H.Lohninger Teach/MeCopyright (c) 2005-2006 Matthias TroyerCopyright David Abrahams 2000-2002Copyright (c) 2005, Fernando Luis Cacciola CarballalCopyright (c) 2004, 2005, 2009 Peter DimovCopyright (c) 2000 David AbrahamsCopyright 2003-2018 Joaquin M LopezCopyright (c) 2013 Andreas Hehn <hehn@phys.ethz.ch> , ETH ZurichCopyright (c) 2002, 2003 Peter DimovCopyright (c) 2014-2015 Samuel Debionne, Grenoble, FranceCopyright 2019-20 Christopher KormanyosCopyright Nicolas Lelong, 2010Copyright (c) 2002 Jens MaurerCopyright (c) 2017 Christopher M. KohlhoffCopyright (c) 2013 Paul A. BristowCopyright (c) 2014-2015 Antony PolukhinCopyright 2011 Eric NieblerCopyright Klemens David Morgenstern, Hans P. Dembinski 2016-2017Copyright (c) 2011 Brandon KohnCopyright Paul A. Bristow 2007, 2010, 2014, 2016Copyright (c) 2012 Vicente J. Botet EscribaCopyright (c) Jeremy Siek 2001-2003(c) Copyright 2006-8 Anthony WilliamsCopyright 2013 Vicente J. Botet EscribaCopyright (c) 2003 Gustavo Guerra http://spirit.sourceforge.netCopyright (c) 2012-2020 Mateusz Loskot <mateusz@loskot.net>Copyright (c) 2012 yyyy yyyy <typhoonking77@hotmail.com>Copyright 2016-2018. Rene RiveraCopyright David Abrahams & Ralf W. Grosse-Kunsteve 2004-2006(c) Copyright Vicente J. Botet EscribaCopyright (c) 2003 Rational Discovery LLCCopyright (c) 2002-2003,2005 CrystalClear Software, Inc.(c) Copyright Daniel Frey 2002-2017Copyright (c) 2018-2019 Oracle and/or its affiliatesCopyright (c) 2014, 2019 Andrey Semashev(c) Copyright 2007 Jonathan TurkanisCopyright 2016 Vicente J. Botet EscribaCopyright 2020 Samuel DebionneCopyright 2012-2013 Rajeev SinghCopyright Beman Dawes 2008, 2009, 2015Copyright (c) 2007 Alexey BaskakovCopyright 2018, 2019 Andrey SemashevCopyright (c) 2006-2009 Dmitry Bufistov and Andrey ParfenovCopyright (c) 2014 Bruno LalandeCopyright (c) 2005 Dan MarsdenCopyright (c) Jeremy Siek 2001, Marc Wintermantel 2002Copyright (c) 2007 Douglas Gregor and Matthias TroyerCopyright (c) 2002 Douglas GregorCopyright (c) 2006 Free Software Foundation, Inc.Copyright (c) 2011-2017 Adam Wulkiewicz, Lodz, PolandCopyright (c) 1995, Gerald Evenden(c) Copyright 2009 Eric Moyer - http://www.rrsd.comCopyright Paul A. Bristow 2007, 2010, 2012, 2014Copyright (c) 2003 Doug GregorCopyright 2007-2009 Peter Dimov(c) Copyright Darin Adler 2001(c) Copyright Markus Schoepflin 2007(c) Copyright Markus Schoepflin 2005(c) Copyright Darin Adler 2000Copyright (c) 2008-2009 Joachim FaulhaberCopyright (c) 2018 Alain Miniussi <alain.miniussi@oca.eu>(c) Copyright Jonathan Turkanis 2004(c) Copyright Jonathan Turkanis 2003Copyright 2017 Vinnie NotDefaultConstructibleCopyright (c) 1998 Silicon Graphics Computer Systems, Inc.copyright 2016 Vinnie FalcoCopyright 2004-2006 The Trustees of Indiana UniversityCopyright (c) 2013 Christopher KormanyosCopyright (c) 2009, 2015 Peter DimovCopyright (c) 2001 Gary Powell (gary.powell@sierra.com)(c) Copyright Daryle Walker 2001Copyright (c) 2015-2020 Antony PolukhinCopyright (c) 2014, 2017, 2019 Peter DimovCopyright (c) 2012 Oswin KrauseCopyright 2005-2013 Peter DimovCopyright (c) 2006 Tomas PuverleCopyright 2007 Matias Capeletto(c) Copyright 2007 David DeakinsCopyright 2014 Bill GallafentCopyright (c) 1995-2006, 2011, 2016 Jean-loup GaillyCopyright (c) 2015 Rene Rivera http://spirit.sourceforge.netCopyright Steven Ross 2009Copyright (c) 2019 agate-prisCopyright (c) 2020, Oracle and/or its affiliatesCopyright (c) 2002 Lars Gullik Bjonnes <larsbj@lyx.org>Copyright (c) 2019 Christian MazakasCopyright (c) 2016 Paul Fultz IIcopyright Boost Software(c) Copyright Gennadiy Rozental 2007-2015Copyright (c) 2002, 2018, 2019 Peter DimovCopyright (c) 2005 Matthew CalabreseCopyright (c) 2011-2011 Joachim FaulhaberCopyright (c) 2003. Vladimir PrusCopyright (c) 2014-2016 Oracle and/or its affiliatesCopyright (c) 2014 - 2018 Andrzej Krzemienskicopyright Igor SysoevCopyright Steven Ross 2014Copyright Louis Dionne 2013-2016Copyright 2019, 2020 Peter DimovCopyright Louis Dionne 2013-2017Copyright Paul A. Bristow 2009, 2011Copyright (c) 2007, 2008, 2012 Mark Adlercopyright (c) 2015-2019, Oracle and/or its affiliatesCopyright (c) 2008 Frank Mori HessCopyright (c) 2013 JamboreeCopyright (c) 2013 Mateusz Loskot <mateusz@loskot.net>copyright (c) 1996-2019 Julian R Seward. All rights reserved(c) Copyright Vicente J. Botet Escriba 2008-2009,2012Copyright (c) 2014-2015 Andrzej KrzemienskiCopyright (c) 2002-2003 Joel de Guzman http://spirit.sourceforge.netCopyright (c) 2017, 2018 James E. King IIICopyright (c) 2013-2017 Vinnie FalcoCopyright 2012, 2013 Peter DimovCopyright (c) 2003-2004 John MaddockCopyright (c) 2009-2011 Gunter Winkler, David Bellot(c) Copyright John Maddock 1999-2005(c) Copyright Roland Richter 2003(c) Copyright Raffi Enficiaud 2016(c) Copyright Raffi Enficiaud 2017Copyright 2002-2005 Dave Abrahams(c) Copyright Raffi Enficiaud 2015Copyright (c) 2001-2008 Hartmut Kaiser http://spirit.sourceforge.netCopyright 2007 David JenkinsCopyright (c) 2011 Boris Schaeling (boris@highscore.de)Copyright (c) 2003-2006 Joel de GuzmanCopyright (c) 2004 Stefan Slapeta(c) Copyright Dave Abrahams, Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000-2003Copyright (c) 2003 2003 Vaclav Vesely http://spirit.sourceforge.net(c) Copyright Raffi Enficiaud 2018(c) Copyright Raffi Enficiaud 2019Copyright (c) 2009 Ion Gaztanaga(c) Copyright Dave Abrahams, Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000Copyright (c) 2018 Nikita KniazevCopyright (c) 1995-2017 Jean-loup GaillyCopyright 2007-2009, 2014 Peter DimovCopyright (c) 2011 Bryce Lelbach http://spirit.sourceforge.netCopyright 2012 Denis Demidovcopyright (c) 2014-2015, Oracle and/or its affiliatesCopyright (c) 2014-2018, Oracle and/or its affiliatesCopyright (c) 2017 Paul Fultz II static\_def.hppCopyright (c) 2004, 2005 Arkadiy Vertleybcopyright Joyent, Inc. and other Node contributors. All rights reservedCopyright (c) 2012-2012 Andrii Sydorchuk(c) Copyright 2005-8 Anthony WilliamsCopyright Paul A. Bristow 2006, 2007, 2012Copyright Christopher KormanyosCopyright Vicente J. Botet Escriba 2013,2014Copyright 2016-2020 Joaquin M LopezCopyright 2001, 2003, 2004, 2012 Daryle WalkerCopyright (c) 2004 Gerald I. EvendenCopyright (c) 2016-2020 Antony PolukhinCopyright 2004-2008 Peter DimovCopyright (c) 2007-2012 Joachim FaulhaberCopyright (c) 2010.2017 Daniel JamesCopyright (c) 2019 Nikita KniazevCopyright (c) 2007-2014 Barend Gehrels, AmsterdamCopyright (c) 2002-2004 Martin Wille http://spirit.sourceforge.netCopyright (c) 2007 Frank Mori Hess <fmhess@users.sourceforge.net>Copyright 2005 Rene Rivera(c) Copyright David Abrahams, Vicente Botet, Ion Gaztanaga 2009(c) Copyright Peter Dimov 2001, 2002(c) Copyright 2011-2012,2015 Vicente J. Botet EscribaCopyright 2016-2017 Joaquin M LopezCopyright (c) 2002, Frank WarmerdamCopyright (c) 2010 Christopher SchmidtCopyright (c) 2001-2003 Daniel Nuffer http://spirit.sourceforge.net(c) Copyright 2005 John MaddockCopyright 2008 The Trustees of Indiana UniversityCopyright (c) 2000, 2001 Stephen ClearyPortions Copyright (c) 2002 David AbrahamsCopyright (c) 2001-2019 Joel de GuzmanCopyright 2001 Indiana UniversityCopyright (c) 2017 Andrzej Krzemienski(c) Copyright Bryce Lelbach 2011(c) Copyright Bryce Lelbach 2010Copyright 2004-9 Trustees of Indiana UniversityCopyright (c) 2014 Paul Fultz IICopyright Jeremy Siek, David Abrahams 2000-2006Copyright 2007-2012 Christian Henning, Andreas PokornyCopyright (c) 2013 Andreas PokornyCopyright (c) 2005-2006 Joao AbecasisCopyright (c) 2016-2020 Oracle and/or its affiliates(c) Copyright Dave Abrahams and Daryle Walker 2001Copyright (c) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark AdlerCopyright 2001 David Abrahams(c) Copyright Edward Diener 2014,2019Copyright (c) 2011 Kwan Ting ChanCopyright (c) 2012-2014 Bruno LalandeCopyright 2018 Daniel James(c) Copyright David Abrahams 1999Copyright 2013 John MaddockCopyright (c) 2009-2012 Barend Gehrels, Amsterdam(c) Copyright 2002-4 Pavel VozenilekCopyright 2001 John MaddockCopyright 2006-2013 Joaquin M LopezCopyright Peter Dimov and Multi Media Ltd 2001, 2002Copyright 2009-2015 Mario MulanskyCopyright 2003-2013 Christopher M. Kohlhoff(c) Copyright Nicolai M. Josuttis 2001Copyright (c) 2010 Helge BahmannCopyright 2018 James E. KingCopyright (c) 1998, 2007 Brian Raiter <breadbox@muppetlabs.com>(c) Copyright Dave Abrahams 2003Copyright (c) 2004 Vladimir PrusCopyright Christopher Brown 2013Copyright (c) 2003 Thomas WittCopyright Paul A. Bristow 2016, 2017, 2018Copyright 2002, 2003, 2005 Vladimir PrusCopyright 2002, 2011, 2017 Peter DimovCopyright (c) 2018 Yaghyavardhan Singh Khangarot, Hyderabad, IndiaCopyright 2009-2014 Neil GrovesCopyright (c) 2006 Douglas GregorCopyright Beman Dawes 2002-2009Copyright Beman Dawes 2002-2003Copyright 1993-2002 Christopher Seiwald and Perforce Software, Inc.Copyright 2007 Peter DimovCopyright (c) 2008-2011 Joachim FaulhaberCopyright (c) 2001 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi) 2001 Gary Powell (gary.powell@sierra.com)Copyright Nasos Iliopoulos, Gunter Winkler 2009Copyright (c) 2019-2020, Oracle and/or its affiliatesCopyright Renato Tegon Forti, Antony Polukhin 2011 - 2019Copyright (c) 2011 Thomas Bernard http://spirit.sourceforge.netCopyright Beman Dawes 2008, 2009Copyright Daniel Trebbien 2010Copyright (c) 2009-2019 Mateusz Loskot, London, UK.Copyright 2010 The Trustees of Indiana UniversityCopyright (c) 2018 John MaddockCopyright 2013 Nikhar AgrawalCopyright 2008 David JenkinsCopyright (c) 2002-2003 Juan Carlos Arevalo-Baeza http://spirit.sourceforge.netCopyright Stefan Seefeld 2006Copyright 2013 Davide Anastasia <davideanastasia@users.sourceforge.net>Copyright (c) 2004-2011 Michael Stevens, David BellotCopyright Stefan Seefeld 2007Copyright 2005-2009 Juergen Hunold(c) Copyright 2011 Vicente J. Botet EscribaCopyright Stefan Seefeld 2005Copyright Paul A. Bristow 2006, 2012, 2017Copyright (c) 2011 Joerg Beckercopyright (c) 2017, 2019 Oracle and/or its affiliatesCopyright 2006 The Trustees of Indiana UniversityCopyright (c) 2011 Colin RundelCopyright (c) 2011-2012 ! Brandon KohnCopyright (c) 2002, 2009, 2014 Peter DimovCopyright 2015 Peter Dimov(c) Copyright 2011-2012,2017-2018 Vicente J. Botet Escriba(c) Copyright Thorsten Ottosen 2009Copyright (c) 2010-2011 Thomas HellerCopyright (c) 2010 Christophe Henry(c) Copyright Thorsten Ottosen 2005Copyright (c) 2018 Justinas V. DaugmaudisCopyright 2011 -2013 John MaddockCopyright (c) 2000-2003 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi)Copyright 2006 Thorsten OttosenCopyright 2017 Alexander KarzhenkovCopyright (c) 2001-2003 Hartmut KaiserCopyright 2020 Peter DimovCopyright (c) 2019 - 2020 Alexander Grund(c) Copyright 2002-14 Robert Ramey - http://www.rrsd.comCopyright (c) 2014-2019 Adam Wulkiewicz, Lodz, PolandCopyright Beman Dawes 2003, 2006, 2011Copyright Beman Dawes 2003, 2006, 2010Copyright 2011, 2012 Paul A. BristowCopyright 2005-2009 Daniel JamesCopyright 2002 Daryle WalkerCopyright 2011-9 John MaddockCopyright (c) 2017, Oracle and/or its affiliatesCopyright (c) 2003 Vladimir PrusCopyright (c) 2017 Mikhail MaximovCopyright 2018 Joaquin M Lopez(c) Copyright 2012 Boris SchaelingCopyright (c) 2016-2018 Oracle and/or its affiliatesCopyright Steven J. Ross 2001 - 2014Copyright (c) 2015 John MaddockCopyright Beman Dawes 2003, 2006, 2008(c) Copyright boost 2004-2014Copyright 2003-2008 Joaquin M LopezCopyright (c) 2006 Stephen NuttCopyright 2015, 2016, 2019 Peter DimovCopyright Benjamin Sobotta 2012Copyright 2015 Andrey SemashevCopyright 2006 Joaquin M LopezCopyright (c) 2014 Louis DionneCopyright (c) 2002 Peter Dimov(c) Copyright John Maddock 2006-8Copyright 2019 Mateusz Loskot(c) Copyright John Maddock 2006-7Copyright Robert Ramey 2007Copyright (c) 2005 CrystalClear Software, Inc.Copyright (c) 2012 - 2014 Andrey SemashevCopyright Steven J. Ross 2001 - 2009Copyright (c) 2005 John Maddock(c) Copyright Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000-2005Copyright 2014 LASMEACopyright 2009-2011 Vicente J. Botet EscribaCopyright (c) 2020 Digvijay Janartha, Hamirpur, IndiaCopyright (c) 2002 Brad King and Douglas GregorCopyright Steven Watanabe 2009Copyright (c) Intel Corporation 2008copyright Paul A. Bristow 2006 - 2010Copyright 2009-2011 Mario MulanskyCopyright (c) 2014 Microsoft CorporationCopyright Kevlin Henney, 2000. All rights reservedCopyright Thomas Sailer 2013Copyright 2011 - 2013 John MaddockCopyright (c) 2011-2013 Daniel JamesCopyright Andreas Schwab 2019Copyright (c) 2019 Austin BeerCopyright (c) 2017 Paul Fultz II static\_def2.cpp(c) Copyright Edward Diener 2011,2012,2019Copyright (c) 2017 Oracle and/or its affiliates(c) Copyright Andrew Sutton 2007(c) Copyright John Maddock 2002 - 2003(c) Copyright Andrew Sutton 2009Copyright Steven Watanabe 2014Copyright Oliver Kowalke, Nat Goodspeed 2015Copyright (c) 2003-2018 Peter DimovCopyright (c) 2007 Peder HoltCopyright 2002, 2003, 2004, 2006 Vladimir PrusCopyright Steven Watanabe 2010Copyright Steven Watanabe 2011(c) Copyright Edward Diener 2011,2012,2013Copyright 2019 Miral Shah <miralshah2211@gmail.com>(c) Copyright Beman Dawes 1999Copyright 2012 Fernando Vilas 2010 Daniel TrebbienCopyright (c) 2017 - 2020 Andrey SemashevCopyright (c) 2010 Peter Schueller(c) Copyright Markus Schoepflin 2002 - 2003(c) Copyright Peter Dimov 2004-2005Copyright (c) 2006 Ilya SokolovCopyright 2002. Vladimir Prus(c) Copyright Frederic Bron 2009-2011Copyright 2017-2018 Steven WatanabeCopyright (c) 2017 Kohei TakahashiCopyright this.labelApplicationVersion.TextCopyright (c) 2018 Emil DotchevskiCopyright (c) 2013 Peter DimovCopyright 2005 David AbrahamsCopyright (c) 2014-2014 Ion GaztanagaCopyright 2020 John MaddockCopyright (c) 2015 Vicente BotetCopyright Marshall Clow 2010-2012Copyright Emil Dotchevski 2007Copyright 2004. Vladimir Pruscopyright (c) 2015-2018 Oracle and/or its affiliatesCopyright Gautam Sewani(c) Copyright Hubert Holin and Daryle Walker 2001-2002Copyright (c) 2018 T. Zachary Lainecopyright (c) 1995-2010 Geodan, AmsterdamCopyright 2019 John MaddockCopyright (c) 2011 Paul A. BristowCopyright 2012 Peter DimovCopyright (c) 2014 Vicente BotetCopyright (c) 2001-2003 Mac MurrettCopyright 2007 Tobias SchwingerCopyright 2002 Marc Wintermantel (wintermantel@imes.mavt.ethz.ch) ETH Zurich, Center of Structure Technologies (https://web.archive.org/web/20050307090307/http://www.structures.ethz.ch/)Copyright Niall Douglas 2005(c) Copyright Mat Marcus, Jesse Jones and Adobe Systems Inc 2001(c) Copyright Ion Gaztanaga 2017-2018(c) Copyright Ion Gaztanaga 2017-2017Copyright (c) 2009, Marco GuazzoneCopyright 2010 (c) Dean Michael BerrisCopyright (c) 2008-2016 Emil Dotchevski and Reverge Studios, Inc.Copyright Paul A. Bristow 2007, 2008, 2010(c) Copyright JohnCopyright (c) 2012, Marco GuazzoneCopyright (c) 2006, 2009 Marcin KalicinskiCopyright 2019-2020 Rene RiveraCopyright (c) 2008-2017 Bruno LalandeCopyright (c) Benjamin Sobotta 2012Copyright 2002 Jeremy G. Siek, Andrew Lumsdaine, Lie-Quan LeeCopyright (c) 2007-2010 Hartmut KaiserCopyright 2008 Hartmut KaiserCopyright (c) 2013 EurodecisionCopyright Thorsten Ottosen, Neil Groves 2006 - 2008Copyright 2008 Christian Henning, Lubomir BourdevCopyright 2007-2008 CodeRage, LLCCopyright (c) 2009-2010 Christopher SchmidtCopyright (c) 2013 Antony PolukhinCopyright 2018, 2019 Peter DimovCopyright Keld Helsgaun 2000, Oliver Kowalke 2014Copyright 2002, 2003, 2004, 2005 Vladimir PrusCopyright 2012 Steven Watanabe(c) Copyright R.W. Grosse-Kunstleve 2002Copyright (c) 1998, 2002-2006 Kiyoshi Matsui <kmatsui@t3.rim.or.jp> All rights reserved(c) Copyright Ion Gaztanaga 2009-2014Copyright (c) 2011, 2013 Daniel James(c) Copyright Ion Gaztanaga 2009-2012Copyright (c) 2003 Michael Stevens(c) Copyright Ion Gaztanaga 2009-2013Copyright (c) 2016 Andrzej KrzemienskiCopyright (c) 2009-2010 Hartmut Kaisercopyright 2000 2002 2003 Joe Blow, Jane Doecopyright (c) 2017-2019, Oracle and/or its affiliatesCopyright (c) 2013-2015 Adam Wulkiewicz, Lodz, PolandCopyright 2002, 2005, 2006, 2007, 2010 Rene RiveraCopyright 1999 Dave AbrahamsCopyright (c) 2002-2003 David AbrahamsCopyright (c) 2015-2020 Barend Gehrels, AmsterdamCopyright Christopher Kormanyos 2012, 2013Copyright (c) 2005-2016 Daniel JamesCopyright 2014 Antony PolukhinCopyright (c) 2015-2016 Oracle and/or its affiliatesCopyright 2003-2006 Joaquin M Lopez(c) Copyright 2008-2011 Joachim FaulhaberCopyright 2017-2019 Peter Dimovcopyright (c) 2013, Oracle and/or its affiliatesCopyright (c) 1986 by University of TorontoCopyright 2006 Michael van der WesthuizenCopyright (c) 2014 Robert RameyCopyright (c) 1998 by Jacques Nomssi Nzali(c) Copyright Craig Henderson 2002(c) Copyright 2013,2014 Vicente J. Botet Escriba(c) Copyright 2017 Andrey SemashevCopyright Christopher Kormanyos 2013-14(c) Copyright Ronald Garcia, Jeremy Siek 2002Copyright Jens Maurer 2000, 2002Copyright Paul A. Bristow 2014, 2015Copyright (c) 2017 Klemens D. MorgensternCopyright (c) 2002-2006 Hartmut KaiserCopyright 2005 CrystalClear Software, Inc http://www.crystalclearsoftware.comCopyright (c) 2015 Sebastian RedlCopyright (c) 2002-2003 Eric FriedmanCopyright (c) 2014-2019 Oracle and/or its affiliatesCopyright (c) 2014-2019, Oracle and/or its affiliatesCopyright John Z. Maddock 2017Copyright John Z. Maddock 2016Copyright (c) 2019-2019 Barend Gehrels, AmsterdamCopyright (c) 2015 Vicente J. Botet EscribaCopyright (c) 2010 Paul A. Bristow added Doxygen(c) Copyright 2005-2007 Jonathan TurkanisCopyright 2017 Andrey SemashevCopyright Bertolt Mildner 2004Copyright 2002, 2009, 2014 Peter DimovCopyright (c) 2015 Agustin K-ballo BergeCopyright (c) 2003. Pedro FerreiraCopyright (c) 2001, 2002, 2003 Peter Dimov and Multi Media Ltd.Copyright Antony Polukhin, 2015-2020Copyright 2020 Glen Joseph Fernandes (glenjofe@gmail.com)Copyright 2016 Giel van SchijndelCopyright (c) 2009 ArtVPS Ltd.Copyright (c) 2019-2020 Antony Polukhincopyright (c) 2013-2019 Oracle and/or its affiliatesCopyright (c) 2001 Sam Tobin-Hochstadt. All rights reservedCopyright (c) 2001-2003 Daniel NufferCopyright 2010 Gordon WoodhullCopyright (c) 2001-2007 Hartmut KaiserCopyright Alexander Grund 2018Copyright (c) 2009-2015 Barend Gehrels, AmsterdamCopyright (c) 2014-2015 Bruno LalandeCopyright (c) 1999, 2000, 2002 Aladdin Enterprises. All rights reservedCopyright 2002, 2004 Vladimir PrusCopyright 2005 Eric Niebler, Michael GaucklerCopyright (c) 2005-2006 Douglas Gregor <doug.gregor@gmail.com>Copyright (c) 2017-2017 Albert SverdlovCopyright (c) 2018-2020 Antony Polukhin(c) Copyright 2007-9 Anthony WilliamsCopyright (c) 2003 Eric Friedman, Itay MamanCopyright Beman Dawes 1994-2007, 2011Copyright (c) 2013 Alberto SantiniCopyright 2014 NumScale SASCopyright (c) 2003 Martin Wille http://spirit.sourceforge.net(c) Copyright David Abrahams, Vicente Botet, Ion Gaztanaga 2009-2012Copyright Jim Bosch 2010-2012(c) Copyright Matthias Troyerk 2006(c) Copyright 2006 Boris Gubenko. HP-UXCopyright 2008 - 2013 Roland SchwarzCopyright (c) 2001, 2002 Peter Dimov and Multi Media Ltd.Copyright (c) 2002,2003, 2020 CrystalClear Software, Inc.(c) Copyright MetaCommunications, Inc. 2004Copyright 2007,2008 Tobias SchwingerCopyright John Maddock 2006-15Copyright (c) 2018 Adam Wulkiewicz, Lodz, Poland(c) Copyright 2008 CodeRage, LLCCopyright Matthew Pulver 2018 - 2019Copyright 2015-2018 Klemens D. Morgensterncopyright (c) 2014, Oracle and/or its affiliates(c) Copyright Edward Diener 2012,2013,2019Copyright 2002 William E. KempfCopyright 2005-2007 Mat MarcusCopyright Gautam Sewani 2008Copyright 2015-2020 Peter Dimov(c) Copyright 2007 Robert Ramey - http://www.rrsd.comCopyright Gennaro Prota 2006Copyright (c) 2009-2017 Mateusz Loskot, London, UK.Copyright (c) Vladimir Batov 2009-2014Copyright (c) 2012 Joel de GuzmanCopyright (c) 2014 Barend Gehrels, AmsterdamCopyright 2007 Stanford UniversityCopyright 2002, 2006 Rene RiveraCopyright (c) 2020 Krystian Stasiowskicopyright (c) 2015 Oracle and/or its affiliatesCopyright (c) 2013 Bruno Lalande(c) Copyright 2009 Anthony WilliamsCopyright 2007 Noel BelcourtCopyright (c) 2005-2007 Joel de GuzmanCopyright 2003 - 2011 LASMEACopyright (c) 2007-2008 Dario Senic, Jurko Gospodnetic(c) Copyright Orson Peters 2017(c) Copyright Guillaume Melquiond 2002 - 2003Copyright 2015 Glen Joseph Fernandes (glenjofe@gmail.com)(c) Copyright 2010 Dean Michael Berris. InsteadCopyright 2003, 2004, 2005 Douglas GregorCopyright (c) 2018 Jakub Szuppe <j.szuppe@gmail.com>Copyright (c) 2009 Jan Gaspar(c) Copyright 2009 Tim BlechmannCopyright (c) 2017 Alain Miniussi & Vincent ChabannesCopyright 2006-2008 Joaquin M LopezCopyright (c) 2001 Daniel C. Nuffer(c) Copyright Eric Friedman 2002-2003Copyright Vicente J. Botet Escriba 2009-2011Copyright 2004 David AbrahamsCopyright Vicente J. Botet Escriba 2009-2010Copyright (c) 2004 Joel de Guzman http://spirit.sourceforge.netCopyright (c) 2001 Ronald Garcia, Indiana University (garcia@osl.iu.edu) Andrew Lumsdaine, Indiana University (lums@osl.iu.edu)Copyright (c) 1984, 1989-1990, 2000-2015, 2018-2020 Free Software Foundation, Inc.Copyright 2014, 2019 Peter Dimov(c) Copyright Ion Gaztanaga 2011-2013(c) Copyright Ion Gaztanaga 2011-2014Copyright David Abrahams and Thomas Becker 2000-2006(c) Copyright Ion Gaztanaga 2011-2012Copyright 2002-2007 Rene RiveraCopyright Felix E. Klee, 2003Copyright 2002-2018 Rene RiveraCopyright John R. Bandela 2001Copyright 2002-2008, Fernando Luis Cacciola CarballalCopyright (c) 2008-2016 Tim BlechmannCopyright (c) 2011-2019 Barend Gehrels, AmsterdamCopyright (c) 2016 Paul Fultz II static\_if.cppCopyright (c) 2017, 2018 Oracle and/or its affiliatescopyright (c) 2005 troy d. straszheim <troy@resophonic.com> http://www.resophonic.comcopyright (c) 2014-2016, Oracle and/or its affiliatesCopyright Paul A. Bristow 2010, 2013(c) Copyright 2014 Vicente Botet(c) Copyright Ignacy Gawedzki 2010(c) Copyright Dave Abrahams, Steve Cleary, Beman Dawes, Howard Hinnant and John Maddock 2000, 2010Copyright Paul A. Bristow 2010, 2015Copyright 2005, 2006, 2007 Rene RiveraCopyright (c) 2003-2004 Doug Gregor and Dave AbrahamsCopyright Vladimir Prus 2002-2010Copyright 2006-2011 Joaquin M LopezCopyright 2016 John MaddockCopyright (c) 2018 Andrey Semashevcopyright (c) 2017-2020, Oracle and/or its affiliatesCopyright 2005-2006 Alexander Nasonov(c) Copyright 2005 The Trustees of Indiana UniversityCopyright (c) 2009-2010, Marco Guazzone(c) Copyright Robert Ramey 2002-2004Copyright (c) 2002 2004 2006JoelCopyright (c) 2013 Tim Blechmann ARMCopyright 2005 Hartmut KaiserCopyright (c) 2007 Tobias SchwingerCopyright (c) 2013-2014 Ion GaztanagaCopyright 1994 Christopher Seiwald. All rights reserved(c) Copyright 2014 Robert Ramey - http://www.rrsd.com(c) Copyright 2007 Matthias TroyerCopyright Nick Thompson, John Maddock 2020Copyright Paul A. Bristow 2016, 2017Copyright Paul A. Bristow 2016, 2018(c) Copyright 2014 Jorge LodosCopyright 2011-2012 Steven WatanabeCopyright (c) 2001 Alexander PeslyakCopyright (c) 2013 Sebastian RedlCopyright (c) 2007, 2008, 2012 Peter Dimov(c) Copyright 2013-2013 Ion GaztanagaCopyright 2009-2013 Mario MulanskyCopyright 2008 Beman DawesCopyright (c) 2015-2019 Barend Gehrels, Amsterdam(c) Copyright 2003, Fernando Luis Cacciola CarballalCopyright 2018 Peter DimovCopyright 2020 Andrey Semashev(c) Copyright 2002 Vahan MargaryanCopyright 2011, 2020 Peter DimovCopyright (c) 2007 Trustees of Indiana UniversityCopyright (c) 2001-2011 Thomas BernardCopyright (c) 2016-2017, Oracle and/or its affiliatesCopyright Stefan Seefeld 2016Copyright Beman Dawes 1998, 1999Copyright Alexander Grund 2020Copyright (c) 2015 Andrzej Krzemienski(c) Copyright 2002-7 Robert Ramey - http://www.rrsd.comCopyright John Maddock 2005-2006, 2011Copyright (c) 2011-2013 Andrew Hundt(c) Copyright Joaquin M Lopez Munoz 2006-2013Copyright (c) 2006-2008 Johan RadeCopyright (c) 2011-2018 Adam Wulkiewicz, Lodz, PolandCopyright Vladimir Prus 2002-2004Copyright Vladimir Prus 2002-2007Copyright Vladimir Prus 2002-2006Copyright (c) 2011 Jan Frederick EickCopyright (c) 2011 Steven WatanabeCopyright (c) 2015 Paul Fultz IICopyright (c) 2008 Steven Watanabe(c) Copyright Vicente J. Botet Escriba 2014-2015Copyright 2006 Andy TompkinsCopyright (c) 2010 Michael CaisseCopyright John Maddock 2006-7Copyright David Abrahams 2001-2002Copyright David Abrahams 2001-2006(c) Copyright 2002 Robert Ramey - http://www.rrsd.comCopyright 2009-2014 Mario MulanskyCopyright (c) 2008-2010 Hartmut KaiserCopyright (c) 2004 Jonathan BrandmeyerCopyright (c) 2016 Karolin VarnerCopyright Thorsten Ottosen & Larry Evans 2003-2005Copyright (c) 2009-2011 Christopher Schmidt(c) Copyright 2007 Andrew SuttonUpdate copyrights RemoveCopyright (c) 2014, 2016 andrzej KrzemienskiCopyright 2002, 2003 Rene Rivera(c) Copyright John R. Bandela 2001Copyright (c) 2009-2011 Artyom BeilisCopyright (c) 2014 Joel de GuzmanCopyright Thijs van den Berg 2014Copyright (c) 2012-2015 Barend Gehrels, AmsterdamCopyright (c) 2014, 2019, Oracle and/or its affiliatesCopyright 2020 Nikita KniazevCopyright 2002, 2003 Daryle WalkerCopyright (c) 2012-2013 Adam Wulkiewicz, Lodz, PolandCopyright (c) 2017-2017 Barend Gehrels, AmsterdamCopyright Beman Dawes 1999-2008copyright (c) 2014-2017, Oracle and/or its affiliatesCopyright (c) 2009 Francois Barel http://spirit.sourceforge.netCopyright (c) 2011 Jeroen Habraken(c) Copyright 2005 Douglas GregorCopyright (c) 2016 Jakub Szuppe <j.szuppe@gmail.com>(c) Copyright Gennadiy Rozental 2008-2014(c) Copyright Gennadiy Rozental 2008-2015(c) Copyright 2007-2009 Andrew Sutton(c) Copyright Vladimir Prus, David Abrahams, Michael Stevens, Hartmut Kaiser, Ion Gaztanaga 2007-2008Copyright John Maddock & Paul A. Bristow 2007, 2009, 2010, 2012 MessageBox.Show 'Statistical Distribution ExplorerCopyright 2011 Steven WatanabeCopyright (c) 2018 Kohei TakahshiCopyright Nakhar Agrawal 2013Copyright (c) 2019 Dario Menendez, Banco SantanderCopyright (c) FILLCopyright (c) 2014-2018 Kohei TakahashiCopyright 2014 Glen Joseph Fernandes (glenjofe@gmail.com)Copyright 2002-2003, Trustees of Indiana UniversityCopyright 2012 Christoph KokeCopyright 2018-2020 Antony PolukhinCopyright (c) 2015-2020 Oracle and/or its affiliatesCopyright 2005-2009 The Trustees of Indiana University(c) Copyright Thorsten Ottosen 2002-2003Copyright (c) 2000-2010 Joerg Walter, Mathias Koch, David BellotCopyright (c) 2001 Dietmar KuehlCopyright Toon Knapen 2004Copyright (c) 2003, 2012, 2013 Mark AdlerCopyright John Maddock and Paul A. Bristow 2007Copyright 2010-2015 Mario MulanskyCopyright Boris Gubenko 2007Copyright John Maddock and Paul A. Bristow 2010Copyright (c) 1995-2006, 2010, 2011, 2016 Jean-loup GaillyCopyright (c) 2019 Klemens D. MorgensternCopyright Nicholas Thompson 2017Copyright Nicholas Thompson 2018Copyright Hans Dembinski 2016 - 2019Copyright 2007 Trustees of Indiana UniversityCopyright (c) 2016,2018 Kohei TakahashiCopyright (c) T. Zachary Laine 2018Copyright (c) 2016-2019 Vinnie FalcoCNRS/Univ. Clermont II Copyright 2014 LRICopyright (c) 2011 Emil DotchevskiCopyright (c) 2001-2012 Hartmut Kaiser http://spirit.sourceforge.netCopyright (c) 2000-2002 Joerg Walter, Mathias KochCopyright 2002, 2003, 2005 Rene RiveraCopyright 2006-2009 Daniel JamesCopyright (c) 2009 Pavel BaranovCopyright 2015 Mario MulanskyCopyright (c) 2009-2018 Mateusz Loskot, London, UK.copyright 1997 to 1999 by Joey Hess. GNUCopyright (c) 2002-2003 Dmitriy Anisimkov(c) Copyright 2012 Eric NieblerCopyright 2008 Steven WatanabeCopyright 2016 Antony PolukhinCopyright Sergey Nizovtsev 2016Copyright 2011 Artyom BeilisCopyright (c) 2004 Joao Abecasis http://spirit.sourceforge.netCopyright Howard Hinnant 2007-2010Copyright 2007, 2020 Peter DimovCopyright (c) 2011 Aaron Graham http://spirit.sourceforge.netCopyright (c) 2019 Oracle and/or its affiliatesCopyright Beman Dawes 1994, 2006, 2008(c) Copyright Ion Gaztanaga 2005-2016(c) Copyright Ion Gaztanaga 2005-2015(c) Copyright Ion Gaztanaga 2005-2014(c) Copyright Ion Gaztanaga 2005-2013(c) Copyright Ion Gaztanaga 2005-2012Copyright (c) 2002,2003,2005 CrystalClear Software, Inc.copyright (c) 2017-2018, Oracle and/or its affiliatesCopyright Vladimir Prus(c) Copyright Vladimir Prus, 2003Copyright (c) 2009 Dr John MaddockCopyright 2006 Eric NieblerCopyright 2013 Christian HenningCopyright (c) 2015, 2019, Oracle and/or its affiliates(c) Copyright Gennaro Prota 2003 - 2004Copyright 2003 The Trustees of Indiana University(c) Copyright Andrzej Krzemienski 2018Copyright (c) 2020 Edward DienerCopyright 2019 Olzhas Zhumabek <anonymous.from.applecity@gmail.com>Copyright Thorsten Ottosen, 2009Copyright 2009-2014 Karsten Ahnert(c) Copyright Andrzej Krzemienski 2014Copyright 2005 Alexey PakhunovCopyright (c) 2008 Francois BarelCopyright John Maddock 2007, 2014Copyright 2005 Redshift Software, Inc.Copyright David Abrahams 2009Copyright David Abrahams 2006Copyright Gottfried Ganssauge 2003copyright Louis Dionne 2016Copyright 2003. Vladimir PrusCopyright 2008 Gautam Sewanicopyright Louis Dionne 2015Copyright (c) 2018 Robert RameyCopyright (c) 2003 Pavel Baranov http://spirit.sourceforge.netCopyright Gottfried Ganssauge 2006Copyright David Abrahams 2001(c) Copyright 2004 Robert Ramey - http://www.rrsd.comCopyright (c) 2016 Jason Rhinelander <jason@imaginary.ca>Copyright David Abrahams 2004Copyright David Abrahams 2005Copyright Bruno Dutra 2015Copyright David Abrahams 2002Copyright David Abrahams 2003Copyright (c) Andre Hentz 2003Copyright (c) 2002,2003 CrystalClear Software, Inc.Copyright 2010, Niels Dekker(c) Copyright Jens Maurer 2001 - 2002(c) Copyright Juergen Hunold 2008-2011(c) Copyright Gennadiy Rozental & Ullrich Koethe 2001(c) 2020 Niall Douglas <http://www.nedproductions.biz/>(c) Copyright Jens Maurer 2001 - 2003Copyright 2016 Andrey SemashevCopyright (c) 2007, Tobias SchwingerCopyright (c) 2010 2015 Francisco Jose Tapia fjtapia@gmail.comCopyright (c) 1998 Brian Raiter <breadbox@muppetlabs.com> You can look at http://www.muppetlabs.com/~breadbox/software/assembly.htmlCopyright 2006. Rene RiveraCopyright (c) Andrey Semashev 2017Copyright Andrey Semashev 2007 - 2014Copyright Andrey Semashev 2007 - 2013(c) Copyright Gennadiy Rozental 2001-2005Copyright Andrey Semashev 2007 - 2015(c) Copyright Gennadiy Rozental 2001-2006Copyright (c) 2013 Mateusz LoskotCopyright (c) 2006-2017 Emil Dotchevski and Reverge Studios, Inc.Copyright (c) 2005, 2006 The Trustees of Indiana UniversityCopyright (c) 1995-1998 Jean-loup GaillyCopyright Pavol Droba 2002-2003Copyright Pavol Droba 2002-2004Copyright Pavol Droba 2002-2006(c) Copyright Boost.org 2001Copyright Beman Dawes, 2002-2005Copyright 2010 Igor R (http://thread.gmane.org/gmane.comp.lib.boost.user/62985)(c) Copyright Gennadiy Rozental 2001-2014Copyright (c) 2006 Steven Watanabe(c) Copyright Gennadiy Rozental 2001-2015Copyright Andrey Semashev 2018 - 2020Copyright (c) 2011 Francois MaugerCopyright (c) 2010 Tim BlechmannCopyright 2017, 2019 Peter Dimov(c) Copyright Kevlin Henney and Dave Abrahams 1999Copyright 2005 Guillaume MelquiondCopyright Paul Fultz II 2016-2018 Boost SoftwareCopyright Nikolay Mladenov 2007Copyright 2018-2020 Andrey SemashevCopyright (c) 2005-2010 Hartmut KaiserCopyright (c) 2019 Paul KeirCopyright (c) 2009-2012, Marco Guazzone(c) Copyright 2002-2009 Vladimir Prus and Robert RameyCopyright (c) 2012, Michele CainiCopyright (c) 2016 Mikhail Maximov(c) 2020 Jeff Trull(c) Copyright 2002-2008 Robert Ramey and Joaquin M Lopez Munoz(c) Copyright Andrey Semashev 2013, 2020Copyright 2003-2007 Joaquin M LopezCopyright Pedro Ferreira 2005Copyright W.P. McNeill 2010Copyright (c) 2012 Vicente BotetCopyright 2003-2010 Joaquin M LopezCopyright (c) 2014,2015,2018 Kohei Takahashicopyright (c) 2015-2019 Oracle and/or its affiliatesCopyright (c) 2012 Tim BlechmannCopyright Jens Maurer 2000-2001(c) Copyright David Abrahams, Vicente Botet, Ion Gaztanaga 2010-2012Copyright (c) 2006 Dan MarsdenCopyright (c) 2007 Douglas Gregor <doug.gregor@gmail.com>Copyright 2009, 2014 Peter DimovCopyright (c) 2005-2006 Douglas GregorCopyright (c) 2014 Glen FernandesCopyright (c) 2003 Sam NabialekCopyright (c) 2011 David BellotCopyright Ralf W. Grosse-Kunstleve 2006(c) Copyright Eric Niebler, Olivier Gygi 2006Copyright (c) 2003 Vesa KarvonenCopyright (c) 2000 Stephen ClearyCopyright (c) 2014-2015 Vicente J. Botet EscribaCopyright (c) 1995-2010 Jean-loup Gailly, Brian Raiter and Gilles VollantCopyright Ralf W. Grosse-Kunstleve 2004Copyright (c) 2005, 2014 Peter DimovCopyright (c) 2011 Daniel JamesCopyright 2006, 2007 Rene RiveraCopyright (c) 2001, 2002, 2003 Peter Dimov(c) Copyright Beman Dawes 2002, 2006, 2011Copyright (c) 1998-2009 John Maddock(c) Copyright 2004 Eric NieblerCopyright Szabolcs Toth (thszabi@gmail.com) 2016Copyright (c) 2009 Tor Brede VekterliCopyright (c) 2006-2008 Emil Dotchevski and Reverge Studios, Inc.Copyright Barrett Adair 2015-2017Copyright Barrett Adair 2015-2018Copyright (c) 2016 Oracle and/or its affiliates(c) Copyright 2002 Robert Ramey- http://www.rrsd.com - David TongeCopyright 2007 Boris GubenkoCopyright 2010 Fabien Castan, Christian HenningCopyright 2002, 2005 Rene RiveraCopyright (c) 2008 Michael MarcinCopyright (c) 2001-2008 Joel de GuzmanCopyright (c) 2003 Joel de GuzmanCopyright (c) 2006 Xiaogang Zhang, 2015 John Maddock(c) Copyright Ion Gaztanaga 2012-2015(c) Copyright Ion Gaztanaga 2012-2012(c) Copyright Ion Gaztanaga 2012-2013Copyright (c) 2017 Levon Tarakchyan(c) Copyright Yuriy Krasnoschek 2009Copyright Christopher Kormanyos 2014Copyright (c) 2010 Vicente BotetCopyright Christopher Kormanyos 2012Copyright Christopher Kormanyos 2013Copyright Christopher Kormanyos 2019(c) Copyright Ion Gaztanaga 2012-2016Copyright 2002-2010 Andreas Huber DoenniCopyright Christopher Kormanyos 2016Copyright (c) 2008 - 2010 Joseph Gauterin, Niels DekkerCopyright (c) 2010-2010 Joachim FaulhaberCopyright (c) 2001-2014 Joel de Guzman http://spirit.sourceforge.net(c) Copyright Beman Dawes and Ullrich Koethe 1995-2001Copyright 2002, 2005 Vladimir PrusCopyright 2019 Rene RiveraCopyright (c) 2015-2019, Oracle and/or its affiliates(c) Copyright Henrik Ravn 2004Copyright (c) 2007 Rene RiveraCopyright (c) 2004, 2005 Peter DimovCopyright Sascha Ochsenknecht 2009Copyright 2000 Jens MaurerCopyright 2013-2014 Karsten AhnertCopyright 2003 Jeremy SiekCopyright (c) 2017 Vinnie FalcoCopyright Beman Dawes 2002, 2008Copyright Beman Dawes 2002, 2009Copyright 2005-2011 Daniel JamesCopyright 2013 Pascal GermrothCopyright 2015 NumScale SAS(c) Copyright 2011Vicente J. Botet EscribaCopyright Beman Dawes 2002, 2006Copyright (c) 2015 - 2018 Andrzej KrzemienskiCopyright 2000 John Maddock (john@johnmaddock.co.uk)(c) Copyright 2015 Kyle LutzCopyright 2005, 2016. Rene RiveraCopyright Beman Dawes 2002, 2003Copyright 2020 Mateusz Loskot <mateusz@loskot.net>Copyright Paul Bristow 2006, 2007Copyright (c) 2003- bot Timestamp s-type EDITEDCopyright (c) 2012-2020 Adam Wulkiewicz, Lodz, Poland(c) Copyright 2011-2013 Andrew Hundt <ATHundt@gmail.com>Copyright (c) 2007-2017 Barend Gehrels, AmsterdamCopyright (c) 2015 Francisco Jose Tapia fjtapia@gmail.comCopyright 2010 Beman DawesCopyright 2010 Daniel JamesCopyright Robin Eckert 2015Copyright (c) 2008, 2018 Peter DimovCopyright (c) 2012 Mateusz Loskot, London, UK.(c) Copyright Ion Gaztanaga 2016-2016Copyright (c) 2002, 2011 Peter DimovCopyright 2014 Agustin BergeCopyright 2018-2019 Hans DembinskiCopyright Fernando Vilas 2012Copyright (c) 2005, 2006 Douglas GregorCopyright (c) 2014, andrzej KrzemienskiCopyright (c) Craig Rodrigues 2005Copyright (c) 2017 Denis Demidov <dennis.demidov@gmail.com>Copyright (c) 2019 James E. King IIICopyright (c) 2010, 2012 Christopher Schmidt, Nathan RidgeCopyright Rene Rivera 2005-2007Copyright David Abrahams 2003-2004Copyright Beman Dawes, 2006(c) Copyright Hubert Holin 2003(c) Copyright Hubert Holin 2001Copyright Beman Dawes, 2004Copyright Beman Dawes, 2003Copyright Beman Dawes, 2002Copyright Beman Dawes, 2001(c) Copyright 2010 Dean Michael Berris. <mikhailberis@gmail.com>Copyright (c) 2010 Peder Holt(c) Copyright Arjan Knepper 2006(c) Copyright Francois Faure 2001(c) Copyright Thomas Witt 2003(c) Copyright Thomas Witt 2002(c) Copyright Daniel K. O. 2005Copyright 2008, 2010 Vladimir PrusCopyright (c) 2010 Olaf Petercopyright Gonzalo Brito Gadeschi 2015Copyright (c) 2003-2004 CrystalClear Software, Inc.Copyright Beman Dawes, 2015Copyright (c) 2014 Andrey SemashevCopyright Beman Dawes, 2010Copyright 2005 Daniel Egloff, Olivier GygiCopyright 2003-2020 Joaquin M Lopez(c) Copyright Pablo Halpern 2009Copyright 2015-2019 Hans DembinskiCopyright 2010 Barend GehrelsCopyright (c) 2017 Nikita KniazevCopyright David Abrahams 2003, Jeremy Siek 2004Copyright Beman Dawes, 2009Copyright (c) 2001-2003 Joel de Guzman http://spirit.sourceforge.netCopyright Beman Dawes, 2008Copyright 2006-2015 Joaquin M LopezCopyright (c) 2005-2007 Peder HoltCopyright 2016-2017 Klemens David MorgensternCopyright (c) 2009-2010 Joachim FaulhaberCopyright 2019 Sam DayCopyright Vicente J. Botet Escriba 2012Copyright Vicente J. Botet Escriba 2010Copyright 2015 Artur ShepilkoCopyright Nat GoodspeedCopyright 2005-2011 Ion GaztanagaCopyright 2003-2017 Joaquin M LopezCopyright Thomas Kent 2016Copyright 2014 Daniel JamesCopyright 1997-2001 University of Notre DameCopyright 2003 Daniel WalkerCopyright (c) 2015 Barend Gehrels, AmsterdamCopyright 2009 Neil GrovesCopyright (c) 2017 Alain Miniussi & Steffen Hirschmanncopyright (c) 2014 Oracle and/or its affiliates(c) Copyright 2011-2013 Vicente J. Botet Escribacopyright (c) 2013-2018 Oracle and/or its affiliatesCopyright 2014, 2015 Peter Dimov(c) Copyright 2013,2015 Vicente J. Botet EscribaCopyright 2018, 2020 Peter DimovCopyright 2012 Paul A. BristowCopyright 2002-2003 Guillaume Melquiond(c) Copyright 2008-10 Anthony Williams 2015 Oliver KowalkeCopyright (c) 2013-2014 Vicente J. Botet EscribaCopyright 2006 John MaddockCopyright (c) 2004 Martin Wille http://spirit.sourceforge.netCopyright 2008 CodeRage, LLC 2004-2007 Jonathan Turkanis(c) Copyright William E. Kempf 2001Copyright (c) 2011 Brian O'Kennedy(c) Copyright Dustin Spicuzza 2009(c) Copyright David Gleich 2007Copyright (c) 2005 Aaron WindsorCopyright (c) 2004, 2005, 2012 Mark Adler, all rights reservedCopyright Thomas Witt 2003, Jeremy Siek 2004Copyright 2006, Eric Niebler, Olivier GygiCopyright 2002, 2003 Vladimir PrusCopyright (c) 2011, 2016 Mark AdlerCopyright 2007-2008 Christian HenningCopyright Louis Dionne 2013-2017 Boost Software(c) Copyright 2004-2007 Jonathan TurkanisCopyright (c) 2012 Pieter Bastiaan Ober(c) Copyright Ion GaztanagaCopyright (c) 2018-2019, Cem Bassoy, cem.bassoy@gmail.comcopyright (c) 2013-2019, Oracle and/or its affiliatesCopyright (c) 2019 Barend Gehrels, AmsterdamCopyright 2003, 2004, 2005 Vladimir PrusCopyright 2020 Rene Ferdinand Rivera MorellCopyright (c) 2017 Adam Wulkiewicz, Lodz, PolandCopyright (c) 2013,2015 Vicente J. Botet EscribaCopyright (c) 2001 Daniel NufferCopyright 2017 Joaquin M Lopez(c) Copyright David Abrahams, Jeremy Siek, Daryle Walker 1999-2001Copyright 2013-2014 Mario Mulansky(c) 1997-2000 Metrowerks Corp.Copyright (c) 2011-2013, 2017 Daniel JamesCopyright (c) 2017-2018 Daniel JamesCopyright (c) 2003-2013 Hartmut KaiserCopyright 2001, 2002, 2020 Peter DimovCopyright (c) 2003, Eric Friedman, Itay MamanCopyright (c) 2015 Michael Caisse, ciere.comCopyright Antony Polukhin, 2014-2019copyright (c) 2016-2017 Oracle and/or its affiliatesCopyright (c) 2001 Housemarque Oy http://www.housemarque.comCopyright (c) 2008 N. MusattiCopyright 2005-2013 Ion GaztanagaCopyright (c) 2009-2012 Mateusz Loskot, London, UK.Copyright (c) 2007 John MaddockCopyright (c) 2015 John Fletcher(c) 2018 - 2020 Niall Douglas <http://www.nedproductions.biz/>Copyright (c) 2002 by Peter Simons <simons@cryp.to>Copyright (c) 2004 Jeremy Siek <jsiek@cs.indiana.edu>Copyright 2012-2013 Daniel JamesCopyright Adam D. Walling 2012Copyright (c) 2007-2009 Steven Watanabecopyright John Maddock 2011Copyright 2002, 2003, 2017 Peter Dimov(c) Copyright Peter Dimov 2015(c) Copyright Peter Dimov 2014(c) Copyright Peter Dimov 2019copyright John Maddock 2013Copyright Paul A. Bristow 2007, 2010copyright John Maddock 2012(c) Copyright Peter Dimov 2017Copyright (c) 2015 Daniel JamesCopyright Paul A. Bristow 2007, 2012(c) Copyright Peter Dimov 2018Copyright 2008 Eduardo GurgelCopyright 2016 Jorge Lodos(c) Copyright Peter Dimov 2001(c) Copyright Vicente J. Botet Escriba 2010copyright (c) 2015, Oracle and/or its affiliatesCopyright (c) 2011-2013 Tim Blechmann(c) Copyright Jessica Hamilton 2014(c) Copyright Vicente J. Botet Escriba 2014Copyright 2007 Andy TompkinsCopyright 2004, 2006 Vladimir PrusCopyright (c) 2017-2019 Oracle and/or its affiliatesCopyright Paul A. Bristow 2008, 2014Copyright (c) 2009 Matthias VallentinCopyright Paul A. Bristow 2008, 2010Copyright (c) 1998-2005 John Maddock(c) Copyright Eric Niebler 2004-2005Copyright 2012 David Doriacopyright John Maddock 2006Copyright 2019 Ramil Gausscopyright John Maddock 2005Copyright 2011-2012 Renato Tegon Forti(c) Copyright Peter Dimov 2002copyright John Maddock 2008(c) Copyright John Maddock and Dave Abrahams 2002(c) Copyright Peter Dimov 2008Copyright Vicente J. Botet Escriba 2009copyright John Maddock 2004(c) Copyright Peter Dimov 2007copyright John Maddock 2003Copyright (c) 2015 Ion GaztanagaCopyright (c) 2004 Peder Holt(c) Copyright Christof Meerwald 2003Copyright (c) 2006 John MaddockCopyright Nick Thompson, 2020Copyright 2017 James E. King IIICopyright (c) 2002, 2003, 2014 Peter DimovCopyright 2002, 2003, 2005, 2006 Vladimir PrusCopyright (c) 2012. Jurko GospodneticCopyright (c) 2003-2004 Martin WilleCopyright (c) 2018 Mateusz Loskot <mateusz@loskot.net>Copyright (c) 2001-2003 Dan NufferCopyright 2014 Anton BikineevCopyright 2003 Daryle WalkerCopyright 2010 Christian HenningCopyright 2002, 2017 Peter Dimov(c) Copyright 2006 Douglas GregorCopyright Paul A. Bristow 2007, 2009Copyright Paul a. Bristow 2010Copyright 2014 Renato Tegon Forti, Antony PolukhinCopyright (c) 2007-2013 Barend Gehrels, AmsterdamCopyright (c) 2012-2020 Barend Gehrels, AmsterdamCopyright 2016 Mario MulanskyCopyright 2001, 2002 Vladimir Prus(c) Copyright Daryle Walker 2001-2002Copyright (c) 2018 Kohei TakahsahiCopyright (c) 2011-2012 Akira TakahashiCopyright (c) 2014 Oliver KowalkeCopyright (c) 2011-2015 Akira Takahashi(c) Copyright 2008 Anthony WilliamsCopyright (c) 2004 Angus LeemingCopyright 2002-2009, 2014 Beman DawesCopyright (c) 2009, 2016 Tim BlechmannCopyright (c) 2014 Thomas BernardCopyright 2005-2007 Daniel JamesCopyright (c) 2009-2010 Sebastian RedlCopyright Paul Bristow 2007, 2011Copyright 2009 Peter DimovCopyright (c) 2008-2016 Bruno LalandeCopyright 2004 The Trustees of Indiana UniversityCopyright (c) 2000 Gary Powell (gwpowell@hotmail.com)(c) Copyright Eric Niebler 2011Copyright 2008 Peter DimovCopyright (c) 1995-2006, 2010, 2011, 2012, 2016 Mark AdlerCopyright 2010 Vladimir PrusCopyright 2012 The Trustees of Indiana UniversityCopyright 2009-2012 Vicente J. Botet EscribaCopyright 2005 Peter DimovCopyright (c) 1998-2010 Gilles Vollant (minizip) http://www.winimage.com/zLibDll/minizip.htmlCopyright (c) 2006 Xiaogang Zhang(c) Copyright Rani Sharoni 2003-2005Copyright 2014 John Maddock(c) Copyright Jens Maurer 2002 - 2003Copyright 2006 Ilya SokolovCopyright (c) 2018 Yi JiCopyright (c) 2013 Louis DionneCopyright 2016 Klemens MorgensternCopyright Andrii Sydorchuk 2010-2011Copyright (c) 2015-2018 Oracle and/or its affiliatesCopyright Andrii Sydorchuk 2010-2012Copyright Beman Dawes 1995-2001Copyright (c) 2010 Edward Diener(c) Copyright Francois FaureCopyright Nick Thompson, 2019Copyright (c) 2009-2015 Adam Wulkiewicz, Lodz, PolandCopyright Zach Laine 2016copyright (c) 2015-2017, Oracle and/or its affiliatesCopyright Jaap Suter 2003Copyright (c) 2001-2009 Joel de GuzmanCopyright Nick Thompson, 2017Copyright Zach Laine 2014Copyright Nick Thompson, 2018Copyright 2019 Peter DimovCopyright (c) 2005 Vladimir PrusCopyright (c) 2003-2005 John MaddockCopyright (c) 2010 Lars KielhornCopyright (c) 2012-2014 Mateusz Loskot, London, UK.Copyright (c) 2017 Paul Fultz II match.cppCopyright Douglas Gregor 2008Copyright (c) 2002-2020 CrystalClear Software, Inc.Copyright (c) 2003-2005 CrystalClear Software, Inc.Copyright Douglas Gregor 2003Copyright Douglas Gregor 2004Copyright Douglas Gregor 2005Copyright 2009 Vladimir PrusCopyright (c) 2004 Kristopher Beevers(c) Copyright 2011-2015 Vicente J. Botet EscribaCopyright (c) 2011-2012 Bruno LalandeCopyright (c) 2015 Adam Wulkiewicz, Lodz, Poland(c) Copyright 2011,2012,2015 Vicente J. Botet EscribaCopyright (c) 2008 Matthias Christian SchabelCopyright 2020 Bjorn Reese(c) Copyright Beman Dawes 1999-2003(c) Copyright 2004 Pavel VozenilekCopyright (c) 2018 Damian Jarek(c) 2008 Gordon WoodhullCopyright Christoper Kohlhoff 2007Copyright 2017 - Refael AckermannCopyright (c) 2003, 2005, 2008, 2010, 2012 Mark AdlerCopyright Vladimir Prus 2007Copyright Vladimir Prus 2003Copyright Vladimir Prus 2004Copyright (c) 2011 Helge BahmannCopyright Vladimir Prus 2005Copyright (c) 2008 Peter DimovCopyright (c) 2007, 2008 Steven Watanabe, Joseph Gauterin, Niels Dekker(c) Copyright 2016 Ashish SadanandanCopyright (c) 2011 Julio HoffimannCopyright Rene Rivera 2008, 2010Copyright 2013 Krzysztof Czainski(c) Copyright David Abrahams Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000-2002copyright (c) 2014-2018 Oracle and/or its affiliates(c) Copyright Darin Adler 2001 - 2002Copyright Paul A. Bristow 2008, 2009, 2014Copyright Vladimir Prus 2010Copyright (c) 2006-2009, 2012 Alexander NasonovCopyright (c) Glen Joseph Fernandes 2019 (glenjofe@gmail.com)Copyright (c) 2005 Markus SchoepflinCopyright (c) 2012-2019 Antony PolukhinCopyright 2012. Jurko GospodneticCopyright (c) 2004 Peter Dimov(c) Copyright 2013 Tim BlechmannCopyright 2005 Daniel WallinCopyright 2016, 2017 Peter DimovCopyright (c) 2001-2014 Joel de GuzmanCopyright 2010 Kenneth RiddileCopyright Vladimir Prus 2002Copyright (c) 2010 Alfredo CorreaCopyright (c) 2001-2007 Joel de Guzman, Dan Marsden, Tobias Schwinger(c) Copyright Daryle Walker 2000-2001(c) Copyright 2004 Douglas Gregor and Jeremy SiekCopyright (c) 2002 John MaddockCopyright (c) 2018 Peter DimovCopyright (c) 2002-2003 Joel de GuzmanCopyright Xiaogang Zhang 2006Copyright (c) 2016 Barrett AdairCopyright 2017 John MaddockCopyright (c) 2018, Cem Bassoy, cem.bassoy@gmail.comCopyright (c) Marshall Clow 2012(c) Copyright 2002-2014 Robert Ramey - http://www.rrsd.comCopyright (c) 2012 Hartmut Kaisercopyright (c) 2014, 2018, Oracle and/or its affiliatesCopyright 2016-2019 Joaquin M LopezCopyright (c) Marshall Clow 2014Copyright (c) Marshall Clow 2013Copyright 2017, 2018 James E. King IIICopyright 2007 Anthony WilliamsCopyright (c) 2015 Artur ShepilkoCopyright (c) Marshall Clow 2017Copyright Craig Rodrigues 2005Copyright (c) 2012 Martin RaspaudCopyright (c) 2009 Helge BahmannCopyright 2015 Aaron BomanCopyright Paul A Bristow 2010Copyright (c) 2003 Joel de Guzman http://spirit.sourceforge.netCopyright Alexander Nasonov, 2006-2010(c) Copyright Peter Dimov 2002-2005Copyright (c) 2019 Tom TanCopyright (c) 2007-2010 Joachim FaulhaberCopyright (c) 2011-2012 Barend Gehrels, AmsterdamCopyright (c) 2014-2015 Mateusz Loskot, London, UK.Copyright 2010 John MaddockCopyright (c) 2010 Eric NieblerCopyright (c) 2012 Anthony WilliamsCopyright 2018 John MaddockCopyright (c) 2009 Francois BarelCopyright (c) 2011 Hannes Hofmann(c) Copyright 2008-10 Anthony WilliamsCopyright (c) 2009 Carl BarronCopyright 2015 Mario Mulansky <mario.mulansky@gmx.net>Copyright (c) 2001-2007 Joel de GuzmanCopyright John Maddock 2006, 2011Copyright John Maddock 2006, 2010Copyright 2014 Boris Rasin, Antony PolukhinCopyright (c) 2011 JamboreeCopyright (c) 2011 Laurent GomilaCopyright (c) 2005 Carl BarronCopyright 2016-2018 Andrey SemashevCopyright (c) 2017 Nikita Kniazev http://spirit.sourceforge.netCopyright 2000 Maarten Keijzer(c) Copyright Peter Dimov 2002-2005, 2007Copyright (c) Christof Meerwald 2003Copyright Peter Dimov 2001-2002Copyright (c) 2003 Samuel KremppCopyright Peter Dimov 2001-2003(c) Copyright Dave Abrahams and Thomas Becker 2003Copyright John Maddock 2006, 2012Copyright Frank Mori Hess 2008Copyright Frank Mori Hess 2007Copyright Frank Mori Hess 2009(c) Copyright John Maddock 2011(c) Copyright John Maddock 2010(c) Copyright John Maddock 2013Copyright (c) 2004-2005 CrystalClear Software, Inc.Copyright 2008 Christophe Henry henry(c) Copyright John Maddock 2012Copyright 2016 Peter Dimov(c) Copyright John Maddock 2019Copyright John Maddock 2006, 2007(c) Copyright John Maddock 2018(c) Copyright John Maddock 2015(c) Copyright John Maddock 2014(c) Copyright John Maddock 2017(c) Copyright John Maddock 2016Copyright (c) 2002-2004 CrystalClear Software, Inc.Copyright Abel Sinkovics (abel@sinkovics.hu) 2012Copyright Abel Sinkovics (abel@sinkovics.hu) 2013copyright (c) 2017 Oracle and/or its affiliatesCopyright Abel Sinkovics (abel@sinkovics.hu) 2010Copyright (c) 2006 Douglas Gregor <doug.gregor@gmail.com>Copyright Abel Sinkovics (abel@sinkovics.hu) 2011Copyright Michael Drexl 2005, 2006Copyright Abel Sinkovics (abel@sinkovics.hu) 2016Copyright (c) 2011 ! Brandon KohnCopyright Abel Sinkovics (abel@sinkovics.hu) 2017Copyright Brian Kuhl 2017Copyright Abel Sinkovics (abel@sinkovics.hu) 2014(c) Copyright 2008 Joachim FaulhaberCopyright (c) 2010 Larry EvansCopyright Abel Sinkovics (abel@sinkovics.hu) 2015Copyright (c) 2002, 2006 Beman DawesCopyright Abel Sinkovics (abel@sinkovics.hu) 2018Copyright (c) 2018 Fady EssamCopyright (c) 2007-2008 Tobias SchwingerCopyright (c) 2003 John MaddockCopyright (c) 2017 Tom HughesCopyright Daniel James 2009Copyright 2001 Jeremy G. Siek, Andrew Lumsdaine, Lie-Quan LeeCopyright 2018 Steven WatanabeCopyright (c) 2007 Peter DimovCopyright Daniel James 2005Copyright (c) 2012-2014 Barend Gehrels, AmsterdamCopyright (c) 2005, 2007 Douglas GregorCopyright Edward NevillCopyright (c) 2013 Agustin BergeCopyright 2014-2020 Peter DimovCopyright (c) 1999-2001 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi) Gary Powell (gwpowell@hotmail.com)Copyright (c) 2011, 2012 Jeff Flinn, Boris SchaelingCopyright Frank Mori Hess 2019Copyright Daniel James 2012(c) Copyright John Maddock 2000(c) Copyright John Maddock 2002(c) Copyright 2005 Robert Ramey - http://www.rrsd.com(c) Copyright John Maddock 2001(c) Copyright John Maddock 2008(c) Copyright John Maddock 2007copyright (c) 2014-2015 Oracle and/or its affiliatesCopyright Jeff Garland and Beman Dawes, 2002(c) Copyright John Maddock 2009(c) Copyright John Maddock 2004(c) Copyright John Maddock 2003(c) Copyright John Maddock 2006(c) Copyright John Maddock 2005Copyright (c) 2006. Vladimir PrusCopyright Aleksey Gurtovoy 2000-2002Copyright Aleksey Gurtovoy 2000-2003Copyright Aleksey Gurtovoy 2000-2004Copyright Aleksey Gurtovoy 2000-2005Copyright Aleksey Gurtovoy 2000-2006Copyright Aleksey Gurtovoy 2000-2008Copyright Aleksey Gurtovoy 2000-2009Copyright 2019 Henry Schreiner, Hans Dembinskicopyright 1977,1985 SomeoneCopyright (c) 1995-2003 Mark Adlercopyright Xiaogang ZhangCopyright Aleksey Gurtovoy 2000-2010Copyright (c) 2008 Vicente J. Botet EscribaCopyright (c) 2002-2003 Hartmut Kaiser http://spirit.sourceforge.netCopyright (c) 2007, 2008 Joseph GauterinCopyright (c) 2010 John MaddockCopyright 2007-2009, 2017, 2018 Peter DimovCopyright (c) 2003 Gunter Winkler, Joerg WalterCopyright 2018 Rene Riveracopyright (c) 2013-2014, Oracle and/or its affiliatesCopyright (c) 2015, Oracle and/or its affiliatesCopyright 2007 Christian HenningCopyright 2001 Jens MaurerCopyright (c) 2006 Rene RiveraCopyright (c) 2002 Beman DawesCopyright Thijs van den Berg, 2008Copyright 2001, 2002, 2003, 2005 Dave AbrahamsCopyright (c) 2001 Daryle WalkerCopyright (URW)++,Copyright 1999Copyright 2003-2015 Joaquin M LopezCopyright (c) 2012 Christian HenningCopyright (c) 2009, Spirent Communications, Inc.Copyright (c) 2011 Dean Michael Berriescopyright 2001 by Yann DirsonCopyright Peter Dimov 2019Copyright (c) 2001 Jeremy SiekCopyright (c) 1999-2003 Jeremiah WillcockCopyright 2008 Jurko Gospodnetic, Vladimir PrusCopyright Peter Dimov 2015Copyright Peter Dimov 2018Copyright Peter Dimov 2017Copyright 2018 Mateusz Loskot <mateusz@loskot.net>(c) Copyright Nick Thompson, 2018Copyright (c) 2001-2012 Joel de Guzman http://spirit.sourceforge.netCopyright Thomas Witt 2004Copyright Thomas Witt 2003Copyright (c) 2013-2014 Denis DemidovCopyright (c) 1995-1996 Jean-loup Gailly, Brian Raiter and Gilles VollantCopyright (c) 2002-2013 Mark Adler(c) Copyright Nick Thompson, 2019Copyright (c) 2009 Hartmut KaiserCopyright (c) 2008, 2014 Peter DimovCopyright (c) 1998-2004 John MaddockCopyright (c) 2011-2012 Mateusz Loskot, London, UK.(c) Copyright 2002-2009 Vladimir Prus, Robert Ramey and Takatoshi KondoCopyright (c) 2018 Vinnie FalcoCopyright 2006 Johan RadeCopyright 2016 Steven WatanabeCopyright (c) 2018-2019 Barend Gehrels, AmsterdamCopyright (c) 2014, Athanasios IliopoulosCopyright (c) 2002-2003 William E. KempfCopyright 2003 Beman DawesCopyright (c) Dan MarsdenCopyright 2001 Dave Abrahams(c) Copyright Niels Dekker 2010Copyright David Abrahams and Nikolay Mladenov 2003Copyright (c) 2014 Rene RiveraCopyright (c) 2011-2015 Adam Wulkiewicz, Lodz, PolandCopyright 2006 Douglas GregorCopyright (c) 2015 Muhammad Junaid Muzammil <mjunaidmuzammil@gmail.com>copyright (c) 2014-2019 Oracle and/or its affiliates(c) Copyright Antony Polukhin 2014(c) Copyright Antony Polukhin 2013Copyright (c) 2000, Frank Warmerdamcopyright (c) 2015-2016 Oracle and/or its affiliatesCopyright (c) 2014 - 2017 Andrzej KrzemienskiCopyright Beman Dawes 1999Copyright Beman Dawes 1998(c) Copyright Dave Abrahams, Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant & John Maddock 2000Copyright (c) 2008-2012 Bruno LalandeCopyright (c) Marshall Clow 2011-2012, Alexander Zaitsev <zamazan4ik@gmail.com> , 2017Copyright (c) 2005 Peder HoltCopyright (c) 2006 Bojan ResnikCopyright (c) 2013-2014, 2020 Andrey Semashev(c) Copyright 2008 Robert Ramey(c) Copyright Ion Gaztanaga 2015-2016(c) Copyright Ion Gaztanaga 2015-2015Copyright Paul Lin 2003(c) Copyright Ion Gaztanaga 2015-2017Copyright (c) 2006 Jurgen HunoldCopyright (c) 2007-2009 Ben Hanson (http://www.benhanson.net/)Copyright (c) 2018 Tom HughesCopyright (c) 2008, 2009, 2010, 2012 Paul A. Bristow, John Maddock(c) Copyright 2002-2008, Fernando Luis Cacciola CarballalCopyright Jens MaurerCopyright 2006-2018 Joaquin M LopezCopyright 2008-2009 Frank Mori HessCopyright (c) 2001, 2002 Peter DimovCopyright (c) 2009 Andrey SemashevCopyright 2012 Lucanus SimonsonCopyright Rene Rivera 2008, Daryle Walker 2011Copyright 2015-2017 Peter DimovCopyright (c) 2002 2004 2006 Joel de Guzman(c) Copyright Ion Gaztanaga 2008-2015Copyright (c) 2011-2015 Barend Gehrels, Amsterdam(c) Copyright Peter Dimov 2001, 2002, 2003Copyright (c) 2001-2009, 2012 Peter DimovCopyright (c) 2010 Josh Wilson(c) Copyright Tobias SchwingerCopyright 2013 Ankur SinhaCopyright (c) 2014 Glen Joseph Fernandes (glenjofe@gmail.com)Copyright Kevlin Henney, 2000-2005Copyright 2009-2012 Karsten AhnertCopyright (c) 2018-2019 Cem BassoyCopyright (c) 2006 Tobias Schwinger(c) Copyright Dave Abrahams and Daniel Walker 1999-2003Copyright (c) 2013 Mateusz Loskot, London, UK.(c) Copyright Ion Gaztanaga 2008-2009Copyright 2009 The Trustees of Indiana University(c) Copyright Ion Gaztanaga 2008-2012Copyright (c) 2004, 2008, 2012, 2016 Mark Adler, all rights reserved(c) Copyright Gennadiy Rozental 2005-2010(c) Copyright Ion Gaztanaga 2008-2013Copyright (c) 2006 Daniel WallinCopyright (c) 2008 James E. King IIICopyright (c) 2013-2020 Antony PolukhinCopyright (c) 2019 Andrzej KrzemienskiCopyright (c) 2008 Ion Gaztanaga(c) Copyright Gennadiy Rozental 2005-2014Copyright Paul A. Bristow 2006, 2007, 2009, 2010Copyright (c) 2002-2005 Marcin KalicinskiCopyright 2002, 2005, 2006 Rene RiveraCopyright (c) 2013 Vicente J. Botet EscribaCopyright 2009-2013 Karsten AhnertCopyright (c) 2001-2011 Joel de GuzmanCopyright 2016, 2017 Andrey SemashevCopyright (c) 2001, Daniel C. Nuffer http://spirit.sourceforge.netCopyright (c) 2017 Jakub Szuppe <j.szuppe@gmail.com>Copyright (c) 2007 Hartmut KaiserCopyright (c) 2018 Dmitry ArkhipovCopyright (c) 2018 Alain MiniussiCopyright 2005 Daniel EgloffCopyright (c) 2001 Daniel Nuffer http://spirit.sourceforge.netCopyright (c) 2006 Trustees of Indiana UniversityCopyright (c) 2001-2013 Joel de GuzmanCopyright Steven Watanabe 2010-2011Copyright (c) 2015 Peter DimovCopyright 2002, 2005 Daryle Walker(c) Copyright 2007-8 Anthony WilliamsCopyright (c) 2002-2015 Joel de GuzmanCopyright 2013 Mario MulanskyCopyright 2001 University of Notre DameCopyright (c) 2003-2006, 2017 Peter DimovCopyright 2015 John Maddock and Paul A. BristowCopyright 2005 Alexander NasonovCopyright (c) Pieter Bastiaan Ober 2014Copyright (c) 2008 Gennaro Prota(c) Copyright Andy Tompkins 2008(c) Copyright Andy Tompkins 2009(c) Copyright Andy Tompkins 2007Copyright 2006-2020 Joaquin M Lopez(c) Copyright John Maddock & Thorsten Ottosen 2005Copyright 2008 Adobe Systems IncorporatedCopyright (c) 2005 2006 Joel de Guzman http://spirit.sourceforge.netCopyright (c) Christopher Currie 2003Copyright (c) 2008-2012 Barend Gehrels, AmsterdamCopyright 2003, 2004, 2005, 2006 Vladimir PrusCopyright (c) 2014, 2017 Peter Dimov(c) Copyright Andy Tompkins 2011Copyright 2004 Guillaume Melquiond(c) Copyright Andy Tompkins 2010Copyright (c) 2011,2013 Daniel JamesCopyright 2013-2020, Boost.Test teamCopyright (c) 2012-2019 Barend Gehrels, Amsterdam(c) Copyright 2018 Mario Suvajac(c) Copyright 2016 Raffi EnficiaudCopyright (c) 2005 Joel de Guzman http://spirit.sourceforge.netCopyright Jan Langer 2002(c) Copyright Jonathan Turkanis 2004-2005copyright (c) 2014-2019, Oracle and/or its affiliatesCopyright 2014 Mario MulanskyCopyright James E. King, IIICopyright (c) 2014-2017 Vicente J. Botet EscribaCopyright (c) 2012 JoelCopyright 2002, 2009 Peter DimovCopyright (c) 1990-2000 Info-ZIP. All rights reserved(c) Copyright 2009 Andrew SuttonCopyright Klemens Morgenstern, 2012-2015Copyright (c) 2003, Fernando Luis Cacciola CarballalCopyright Thorsten Ottosen 2006Copyright Paul A. Bristow 2006-2011Copyright (c) 2001-2003 Hartmut Kaiser http://spirit.sourceforge.netCopyright (c) 2001-2012 Joel de Guzman(c) Copyright Steve Cleary & John Maddock 2000Copyright 2010 Eric NieblerCopyright 2020 Hans DembinskiCopyright (c) 2012 Artyom BeilisCopyright Thorsten Ottosen 2008Copyright Thorsten Ottosen 2009Copyright (c) 2003-2006 Gennaro ProtaCopyright (c) 2010-2011 Daniel James(c) Copyright Samuli-Petrus Korhonen 2017Copyright (c) Dan Watkins 2003Copyright (c) Alexander Zaitsev <zamazan4ik@gmail.com> , 2017Copyright (c) 2003, Hartmut Kaiser http://spirit.sourceforge.netCopyright (c) Alexander Zaitsev <zamazan4ik@gmail.com> , 2016Copyright (c) 2017 - 2018 Andrey Semashev(c) Copyright 2010 Robert RameyCopyright 2001-2004 CrystalClear Software, Inc http://www.crystalclearsoftware.comCopyright (c) 2011 Christopher JeffersonCopyright Troy D. Straszheim 2009Copyright (c) 2010 Sergey GooRoo OlendarenkoCopyright 2018 James E. King IIICopyright (c) 2005 Jong Soo ParkCopyright (c) 2005-2006 The Trustees of Indiana UniversityCopyright 2003-2013 Joaquin M Lopez Munoz. 2019 Mike Dev <mike.dev@gmx.de>Copyright 2013 Niall DouglasCopyright (c) 2008 Anthony WilliamsCopyright Alexander Nasonov & Paul A. Bristow 2006Copyright 2007 Alexandre CourpronCopyright (c) 2005-2006 Danny HavenithCopyright Beman Dawes 2003Copyright Beman Dawes 2002Copyright Beman Dawes 2001(c) Copyright Bruno Lalande 2008Copyright Beman Dawes 2000Copyright Beman Dawes 2007Copyright Beman Dawes 2006Copyright Beman Dawes 2005Copyright (c) 2002 Trustees of Indiana UniversityCopyright Beman Dawes 2004Copyright (c) 2011 Aaron GrahamCopyright Vladimur Prus 2005Copyright 2010 Thomas ClaveiroleCopyright 2000-2001, University of Notre Dame. All rights reservedCopyright (c) 2005 Igor ChesnokovCopyright Beman Dawes 2014Copyright Alexander Nasonov 2004Copyright Beman Dawes 2013Copyright Hans DembinskiCopyright Beman Dawes 2012(c) Copyright Edward Diener 2010-2015Copyright Beman Dawes 2011Copyright Beman Dawes 2017(c) Copyright David Abrahams 2001, Howard Hinnant 2001(c) Copyright Daniel Frey and Robert Ramey 2009Copyright Beman Dawes 2015Copyright (c) 2016-2019 Oracle and/or its affiliatesCopyright Beman Dawes 2010Copyright 2005 Alo Sarv(c) Copyright 2005, 2006 Trustees of Indiana UniversityCopyright (c) 2007 Bjorn RoaldCopyright Beman Dawes 2009Copyright Beman Dawes 2008Copyright Noel Belcourt 2007Copyright 2013 Paul BristowCopyright (c) Marshall Clow 2012-2015(c) Copyright 2011 Steven WatanabeCopyright (c) Marshall Clow 2012-2012Copyright 2008-2009 Daniel JamesCopyright (c) 2003, 2008 Fernando Luis Cacciola CarballalCopyright 2005, 2008 Peter Dimov(c) Copyright 2010 Joachim FaulhaberCopyright Paul A. Bristow 2007, 2010, 2011Copyright Paul A. Bristow 2007, 2010, 2012Copyright 2010-2013 Mario MulanskyCopyright (c) 2012 Boris SchaelingCopyright 2005 Eric NieblerCopyright (c) 2016-2018 Kohei Takahashi(c) Copyright Brian Kuhl 2016Copyright (c) 2018 Barend Gehrels, AmsterdamCopyright (c) 2010-2011 Christopher SchmidtCopyright (c) 2001, Thomas Flemming, tf@ttqv.comCopyright (c) 2000-2001 University of Notre Dame. All rights reservedCopyright (c) 2002-2003 Rene RiveraCopyright 2012-2020 Antony PolukhinCopyright (c) 2002-2007 Marcin KalicinskiCopyright (c) 2016 Barend Gehrels, Amsterdam(c) Copyright 2020 Robert RameyCopyright (c) 2012 Benjamin SchindlerCopyright 2002, 2003, 2004, 2005 Dave Abrahams(c) Copyright Jeremy Siek 2006(c) Copyright Jeremy Siek 2004Copyright (c) 2018 Kohei TakahashiCopyright Thomas Becker 2003(c) Copyright Jeremy Siek 2002Copyright Justinas Vygintas Daugmaudis 2010-2018Copyright 2011-2015 Karsten AhnertCopyright 2002-2006 Vladimir Prus(c) Copyright Jeremy Siek 2001(c) Copyright Jeremy Siek 2000Copyright David Abrahams, Jeremy Siek, Vladimir Prus 2006Copyright (c) 2005 Ion GaztanagaCopyright (c) 2001-2008 Peter Dimov(c) Copyright Johan Rade 2006Copyright 2008 Intel CorporationCopyright (c) 2012 Kohei TakahashiCopyright (c) 2001-2003 Douglas GregorCopyright (c) 2012 Paul A. Bristow(c) Copyright Paul A. Bristow 2006copyright (c) 2016-2017, Oracle and/or its affiliatesCopyright (c) 2003 Gerald I. EvendenCopyright (c) 2019-2020 Krystian StasiowskiCopyright (c) 2006 Ion GaztanagaCopyright 2002, 2003, 2004, 2005, 2006, 2010 Vladimir PrusCopyright 2016 Klemens Morgenstern, Antony Polukhincopyright 2018 Joe Blow(c) Copyright Paul A. Bristow 2011Copyright (c) 1997, 2009 American Mathematical SocietyCopyright 2003 Dave Abrahams(c) Copyright Jeremy Siek, David Abrahams 2000-2006Copyright (c) 2001-2009 Daniel Nuffer http://spirit.sourceforge.netCopyright (c) 2006 Joel de Guzman http://spirit.sourceforge.netCopyright 2010 Gaetano Mendola, 2011 Simon West(c) 2006 Douglas Gregor <doug.gregor@gmail.com>Copyright (c) 2008-2012 Joachim FaulhaberCopyright (c) 2013 Kyle Lutz <kyle.r.lutz@gmail.com>Copyright (c) 2001-2003 Douglas Gregor (gregod@cs.rpi.edu)Copyright (c) 2010 Daniel JamesCopyright (c) 1998 by Andreas R. KleinertCopyright (c) 2017-2018, Oracle and/or its affiliatesCopyright (c) 2016 Klemens D. MorgensternCopyright Paul A. BristowCopyright Justinas Vygintas Daugmaudis, 2010-2018Copyright John Maddock 2006, 2007, 2012, 2014(c) Copyright Eric Friedman 2003(c) Copyright Eric Friedman 2002Copyright (c) 2002 2004 2006 Joel de Guzman http://spirit.sourceforge.net(c) 1995-2017 Jean-loup Gailly & Mark AdlerCopyright Sergey Krivonos 2017Copyright Neil Groves & Thorsten Ottosen & Pavol Droba 2003-2004Copyright 2002-2006 Rene RiveraCopyright 1999-2003 Aleksey GurtovoyCopyright 2002-2019 Rene RiveraCopyright (c) 2020 Richard Hodges (hodges.r@gmail.com)Copyright (c) 1995-2013 Jean-loup Gailly and Mark AdlerCopyright (c) 2014 Lee ClagettCopyright (c) 2011 Hartmut KaiserCopyright (c) 2009 Boris Schaelingcopyright (c) 2016 Oracle and/or its affiliatesCopyright (c) 2012 Steven WatanabeCopyright (c) 2015 - 2017 Andrzej Krzemienskicopyright (c) 2018-2019, Oracle and/or its affiliatesCopyright (c) 2002 Joel de Guzman http://spirit.sourceforge.net(c) Copyright Jens Maurer 2003(c) Copyright Jens Maurer 2001Copyright Gennadiy Rozental 2001-2014Copyright (c) 2012-2015 Adam Wulkiewicz, Lodz, PolandCopyright 2002-2006 Andreas Huber DoenniCopyright 2013, 2017-2018 Cray, Inc.Copyright (c) 2006-2013 Emil Dotchevski and Reverge Studios, Inc.(c) Copyright 2018 Alexander GrundCopyright 2014 Christopher Kormanyos(c) Copyright 2004 Robert Ramey and Martin EckerCopyright 2009 (c) Dean Michael Berris <me@deanberris.com>Copyright 2009-2011 Steven WatanabeCopyright (c) 2009 Steven WatanabeCopyright Frank Mori Hess 2008-2009Copyright 2006 Trustees of Indiana UniversityCopyright (c) 2009-2011 Joachim Faulhaber(c) Copyright Beman Dawes, Dave Abrahams 1999(c) Copyright Bill Kempf 2002(c) Copyright Bill Kempf 2001Copyright 2005 Daniel Egloff, Eric NieblerCopyright (c) 2020 CrystalClear Software, Inc.Copyright Antony Polukhin, 2013-2020Copyright Daniel Walker, Eric Niebler, Michel Morin 2008-2012Copyright John Maddock 2010, 2012Copyright 2018-2019 Mike DevCopyright 2015, 2017, 2019 Peter DimovCopyright 2011 purpose categoryCopyright 1993, 2000 Christopher SeiwaldCopyright (c) 2016-2019 Nikita KniazevCopyright (c) 2009-2013 Mateusz Loskot, London, UK.Copyright Peter Dimov 2001Copyright 2002, 2003, 2006 Rene RiveraCopyright (c) 2009, Gunter WinklerCopyright (c) 2012-2013 Vicente J. Botet EscribaCopyright Antony Polukhin, 2013-2019Copyright (c) 2012 Daniel JamesCopyright 2003 Rene RiveraCopyright 2005 Douglas GregorCopyright 2003-2019 Joaquin M LopezCopyright Peter Dimov, Hans Dembinski 2018-2019Copyright Steven J. Ross 2008 - 2014Copyright 2005 The Trustees of Indiana UniversityCopyright (c) 2003, 2006 Beman DawesCopyright (c) Steven Watanabe 2018copyright (c) 2014-2020 Oracle and/or its affiliatesCopyright 2003 Christopher CurrieCopyright Antony Polukhin, 2013-2014copyright (c) 2019 Oracle and/or its affiliatesCopyright (c) 2016 Edward DienerCopyright 2004-2006 Peter DimovCopyright (c) 2007-2008 Joseph GauterinCopyright 2012 Christian Henning, Andreas Pokorny, Lubomir BourdevCopyright 2016 Vladimir Pruscopyright (c) 2017, Oracle and/or its affiliatesCopyright (c) 2018 James E. King IIICopyright 2007 Aaron WindsorCopyright Paul A. Bristow & John Maddock 2009(c) Copyright Frank Birbacher 2007Copyright 2001, 2003, 2004 Daryle WalkerCopyright 2010-2013 Karsten AhnertCopyright 2010 Gunter Winkler <guwi17@gmx.de>Copyright 2003, 2006 Vladimir PrusCopyright (c) 2010 Mathias GaunardCopyright (c) 2017 Stefan SeefeldCopyright (c) 1998-2003 Joel de Guzman http://spirit.sourceforge.netCopyright 2005-2008 Andreas Huber DoenniCopyright (c) 2013 - 2014 Andrey Semashev(c) Copyright 2007-2010 Anthony WilliamsCopyright 2006 Bojan ResnikCopyright 2014 Rene RiveraCopyright (c) 2003 Howard HinnantCopyright 2019 Kris JusiakCopyright Christopher Kormanyos 2012 - 2015, 2020Copyright (c) 2005 Stefan Arentz(c) Copyright John Maddock 2001 - 2002Copyright Aleksey Gurtovoy 2001-2004Copyright Aleksey Gurtovoy 2001-2007Copyright (c) 2011 Juraj Ivancic(c) Copyright John Maddock 2001 - 2003Copyright Aleksey Gurtovoy 2001-2006Copyright 2008 Lubomir Bourdev and Hailin Jin(c) Copyright Beman Dawes 2002, 2006Copyright Aleksey Gurtovoy 2001-2008Copyright (c) 1996-2019 Julian Seward <jseward@acm.org>Copyright (c) 2005, 2008 Peter DimovCopyright 2005 Vladimir PrusCopyright 2012 K R WalkerCopyright (c) 2009-2016 Mateusz Loskot, London, UK.(c) Copyright 2009-2011 Frederic BronCopyright (c) 2001, Daniel C. NufferCopyright 2002, 2003, 2004, 2005, 2010 Vladimir PrusCopyright Eric Niebler 2013-presentCopyright 2017 Felix SalfelderCopyright Paul A. Bristow 2006, 2017(c) Copyright 2005-7 Anthony WilliamsCopyright 2003 Bruce BarrCopyright (c) 1991-2009 Unicode, Inc.Copyright (c) 2014 Eric NieblerCopyright (c) 2004 Hartmut Kaiser http://spirit.sourceforge.netCopyright 2007-2008 Andreas Pokorny, Christian HenningCopyright (c) 2009 Vladimir PrusCopyright Jason Rhinelander 2016Copyright Paul A. Bristow 2006, 2007Copyright 2014 Andrey SemashevCopyright (c) 2008 Ilya Sokolov, Boris SchaelingCopyright 2017-2018 Joaquin M Lopez(c) Copyright 2013 Vicente J. Botet EscribaCopyright 2008,2012 Peter DimovCopyright Daniel James 2006-2009Copyright 2019 Hans DembinskiCopyright (c) 2015 Robert Ramey(c) Copyright Alisdair Meredith 2006Copyright 2017 - Steven Ross (spreadsort@gmail.com)Copyright 2016-2018 Joaquin M LopezCopyright Jeremy Murphy 2016Copyright (c) 2017 Daniela Engert(c) Copyright Joel de Guzman 2003(c) Copyright Boris Gubenko 2006 - 2007Copyright 2010, Jeffrey HellrungCopyright 2003-2009 Joaquin M LopezCopyright 2009-2010 Vicente J. Botet EscribaCopyright (c) 2013 Anton BikineevCopyright (c) 2002 Jeff Westfahl http://spirit.sourceforge.netCopyright 2018 Hans DembinskiCopyright 2013 Steven WatanabeCopyright (c) Alexander Zaitsev <zamazan4ik@gmail.by> , 2016Copyright 2019 Henry SchreinerCopyright Steven Ross 2009-2014Copyright Cromwell D. Enage 2013Copyright (c) Alexander Zaitsev <zamazan4ik@gmail.by> , 2017Copyright Cromwell D. Enage 2019Copyright (c) 2006 CrystalClear Software, Inc.Copyright 2008 Gunter Winkler <guwi17@gmx.de>Copyright (c) 2003 Giovanni Bajo CopyrighCopyright Cromwell D. Enage 2017Copyright Cromwell D. Enage 2018copyright 2016 Daniel JamesCopyright (c) Vladimir Prus 2002-2005Update doc copyrights RefactorCopyright (c) 2001 Peter Dimov and Multi Media Ltd.Copyright (c) Marshall Clow 2017-2017Copyright (c) 2011 John MaddockCopyright Deniz Bahadir 2015Copyright (c) 2013 Joaquim DuranCopyright Roman Savchenko 2020Copyright (c) 2003-2004 Joel de Guzman http://spirit.sourceforge.netCopyright Zach Laine 2016-2017Copyright Antony Polukhin, 2011-2020Copyright (c) 2005 Alexey PakhunovCopyright (c) 2010 Carl Philipp RehCopyright (c) 2002-2010 Hartmut Kaiser(c) Copyright Ronald Garcia 2002Copyright 2002 Dave AbrahamsCopyright (c) Marshall Clow 2010-2012copyright (c) 2015-2017 Oracle and/or its affiliates(c) Copyright Artyom Beilis 2010Copyright (c) Eric Niebler 2008Copyright (c) Eric Niebler 2005Copyright (c) 2016-2018 T. Zachary LaineCopyright 2018-2019 Antony PolukhinCopyright 2007 Vladimir PrusCopyright 2012-2013 Mario MulanskyCopyright 2006 Daniel Egloff, Olivier GygiCopyright (c) 2001-2015 Joel de Guzman http://spirit.sourceforge.netCopyright 2016, 2018, 2019 Peter DimovCopyright Cromwell D. Enage 2004Copyright 2010-2012, D. E. Shaw Research. All rights reservedCopyright 2002 Marc Wintermantel (wintermantel@even-ag.ch) ETH Zurich, Center of Structure Technologies (https://web.archive.org/web/20050307090307/http://www.structures.ethz.ch/)Copyright 2002-2005 Vladimir PrusCopyright 2002 Brad King and Douglas GregorCopyright (c) 2012 Barend Gehrels, AmsterdamCopyright (c) Jeremy Siek and Andrew Lumsdaine 2000, David Abrahams 2007Copyright 2013-2018 Daniel JamesCopyright 2013 Paul A. BristowCopyright (c) 2009, 2011 Helge Bahmann(c) Copyright Jim Douglas 2005Copyright (c) 2014-2015 John FletcherCopyright (c) David Abrahams 2001(c) Copyright 2005-2006 Matthias Troyer(c) Copyright Douglas Gregor 2001(c) Copyright Douglas Gregor 2002Copyright (c) 2014-2018 Oracle and/or its affiliatesCopyright (c) 2015 Ahmed Charlescopyright 2002 2004 2006 Joel de Guzman, Eric NieblerCopyright 2003 David Abrahams and Jeremy Siek(c) Copyright Nikita Kniazev 2019Copyright (c) 2002,2003,2005,2020 CrystalClear Software, Inc.(c) Copyright Ion Gaztanaga 2006-2012Copyright (c) 2005-2008 Daniel JamesCopyright (c) 2012 Antony PolukhinCopyright (c) 2009 Chris Hoeppler(c) Copyright Nick Thompson 2018(c) Copyright Nick Thompson 2017(c) Copyright Ion Gaztanaga 2006-2013(c) Copyright Ion Gaztanaga 2006-2014(c) Copyright Ion Gaztanaga 2006-2015Copyright (c) 2015 Jakub Szuppe <j.szuppe@gmail.com>Copyright 2003, 2005 Dave AbrahamsCopyright 2002-2017 Rene RiveraCopyright (c) 2016 Lee ClagettCopyright David Abrahams 2002, Nikolay Mladenov 2007Copyright Andy Tompkins 2006(c) Copyright Aaron W. LaFramboise, Roland Schwarz, Michael Glassford 2004copyright 1963-1965 Jane Doe, 2018 Joe Blow, John CoeCopyright Barrett Adair 2016-2017Copyright Sergey Shandar 2005, Alexander Nasonov, 2007(c) Copyright Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant & John Maddock 2000Copyright 2018-2020 Mateusz LoskotCopyright (c) 2018Robert RameyCopyright Kevlin Henney, 2000, 2001, 2002. All rights reservedCopyright (c) 2012 Nathan Ridgecopyright (c) 2019, 2020, Oracle and/or its affiliatesCopyright (c) 2006 Johan Rade(c) Copyright Ion Gaztanaga 2013-2014(c) Copyright Ion Gaztanaga 2013-2013copyright (c) 2018, Oracle and/or its affiliatesCopyright 2007-2012 Christian Henning, Andreas Pokorny, Lubomir BourdevCopyright 2013 University of Warsaw(c) Copyright Nick Thompson 2019Copyright 2013 Christian SheltonCopyright (c) 1995-2017 Jean-Loup Gailly, Mark AdlerCopyright (c) 2010 Intel CorporationCopyright Mateusz Loskot 2018 <mateusz@loskot.net>Copyright 2018 Nick ThompsonCopyright 2012 Chung-Lin Wen, Davide AnastasiaCopyright (c) 2011-2013 Vicente J. Botet EscribaCopyright 2020 Tarmo Pikaro(c) Copyright Tony Lewis 2016(c) Copyright 2007 Anthony WilliamsCopyright James E. King III 2018Copyright (c) 2001-2002 Chuck Allison and Jeremy Siekcopyright (c) 2016-2019 Oracle and/or its affiliatesCopyright (c) 2014 Vicente J. Botet EscribaCopyright Rene Rivera 2008Copyright 2015 John MaddockCopyright 2014 Peter DimovCopyright Rene Rivera 2004Copyright Rene Rivera 2006Copyright (c) Chris Glover, 2016Copyright (c) 2019 Alexander GrundCopyright (c) 2002 by Andrei AlexandrescuCopyright Rene Rivera 2013(c) Copyright 2006-7 Anthony WilliamsCopyright (c) 2007 Anthony WilliamsCopyright 2013 Google Inc. All rights reservedCopyright (c) 2006 Peder Holt(c) Copyright Eric Niebler 2004(c) Copyright Eric Niebler 2005(c) Copyright Eric Niebler 2006Copyright 2009 Andy Tompkins(c) Copyright Eric Niebler 2008(c) Copyright Nicolai M. Josuttis 1999Copyright (c) 2005 Joao AbecasisCopyright (c) 2003-2006, 2008 Gennaro Protacopyright (c) 2016-2018, Oracle and/or its affiliatesCopyright Rene Rivera 2019(c) Copyright Lie-Quan Lee 2001Copyright (c) 2001-2007 Hartmut Kaiser http://spirit.sourceforge.netCopyright Rene Rivera 2016Copyright (c) 2013 John Maddock, Antony PolukhinCopyright (c) 2011 Paul HeilCopyright Rene Rivera 2015Copyright Rene Rivera 2018Copyright (c) 2017, 2019 Oracle and/or its affiliates(c) Copyright 2013 AndreyCopyright Peter Dimov 2000-2003Copyright Peter Dimov 2000-2002Copyright Arnaud Kapp, Oliver Kowalke 2016Copyright (c) 2017 Austin J. Beer(c) Copyright Howard Hinnant 2007-2010Copyright (c) 2011, 2012 Martin Lambers <marlam@marlam.de>Copyright (c) 2012 Paul Fultz IICopyright 2013-2015 Mario Mulansky(c) Copyright Thomas Claveirole 2010Copyright (c) 2014 Fabian Kohler <fabian2804@googlemail.com>(c) Copyright Douglas Gregor 2010Copyright (c) 2008-2013 Tim BlechmannCopyright (c) 2014, 2018, 2019, Oracle and/or its affiliatescopyright (c) 2013-2016, Oracle and/or its affiliatesCopyright Paul Bristow 2014Copyright Paul Bristow 2013Copyright 2005 Reece H. DunnCopyright Daniel James 2013-2018Copyright 2011 Stefan Seefeld(c) Copyright 2009-2011 Frederic Bron, Robert Stewart, Steven Watanabe & Roman PerepelitsaCopyright 2010 Andreas Huber DoenniCopyright (c) 2014 Adam Wulkiewicz, Lodz, PolandCopyright Paul Bristow 2007Copyright Aleksey Gurtovoy 2008Copyright (c) 2002 Gary Powell (gwpowell@hotmail.com)Copyright Aleksey Gurtovoy 2006Copyright 2002-2003 Dave AbrahamsCopyright (c) 2004 Eric Niebler http://spirit.sourceforge.net(c) Copyright 2010 Daniel JamesCopyright (c) 1996-1998 Silicon Graphics Computer Systems, Inc.Copyright 2012-2013 Steven WatanabeCopyright (c) 2003-2009 Matthias Christian SchabelCopyright (c) 2017 Paul Fultz II static\_if.cppCopyright 2020 - Rene Ferdinand Rivera MorellCopyright 2011-2012 Mario MulanskyCopyright Antony Polukhin, 2017-2019Copyright (c) 2020 Bjorn ReeseCopyright (c) 2018 Vicente BotetCopyright (c) 2005, 2010 Vladimir Pruscopyright 2004 Brian Ravnsgaard RiisCopyright (c) 2007-2017 Rene Rivera(c) Copyright Gennadiy Rozental 2005(c) Copyright Gennadiy Rozental 2001Copyright 2017 - 2019 James E. KingCopyright (c) 2019 Hans DembinskiCopyright 2015-2020 Antony Polukhin(c) Copyright Jonathan Graehl 2004Copyright 2019-2020 Mateusz Loskot(c) 2015-2020 Niall Douglas <http://www.nedproductions.biz/>Copyright (c) 2014 Tomoki ImaiCopyright (c) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark AdlerCopyright 2002, 2005 Dave Abrahams(c) Copyright Fernando Luis Cacciola Carballal 2000-2004Copyright Aleksey Gurtovoy 2004copyright (c) 2013-2017, Oracle and/or its affiliatesCopyright (c) 2019 Mateusz Loskot <mateusz@loskot.net>Copyright (c) 2008 Lubomir Bourdev, Hailin JinCopyright (c) 2006-2010 Emil Dotchevski and Reverge Studios, Inc.Copyright 2012 John MaddockCopyright (c) 2019 Richard Hodges(c) Copyright Mathias Gaunard 2009Copyright (c) 2009-2015 Artyom BeilisCopyright (c) 2004,2009 The Trustees of Indiana University(c) Copyright 2002-2020 Robert Ramey - http://www.rrsd.comCopyright Paul Mensonides 2003Copyright (c) Kevlin Henney 2001Copyright (c) 2006-2015 Emil Dotchevski and Reverge Studios, Inc.(c) Copyright 2007 Douglas Gregor Andreas KloecknerCopyright 2003, 2004 Douglas GregorCopyright (c) 2011-2013 Adam Wulkiewicz, Lodz, PolandCopyright (c) 2015 Louis Dionne(c) Copyright Stephen Cleary 2000(c) Copyright Christopher Jefferson 2011Copyright (c) 2006, Stephan DiederichCopyright 2015, Wind River Inc.(c) Copyright 2002 Martin EckerCopyright Paul A. Bristow 2007, 2013-14Copyright 2002 The Trustees of Indiana UniversityCopyright Douglas Gregor 2003-2004Copyright 2015-2016 Barrett Adair(c) Copyright Andrey Semashev 2018(c) Copyright Andrey Semashev 2017Copyright Barend Gehrels 2011, Geodan, AmsterdamCopyright (c) 2005 Arkadiy VertleybCopyright (c) 2009 Joel de GuzmanCopyright (c) 2003 Jonathan de Halleux (dehalleux@pelikhan.com)Copyright 2011 Peter DimovCopyright (c) 2014, 2018 Peter DimovCopyright Oliver Kowalke 2017Copyright Christopher Kormanyos 2002 - 2013(c) Copyright Andrey Semashev 2014Copyright (c) 2016 John MaddockCopyright (c) 2007 Joel de Guzman -at- gmail.comCopyright Oliver Kowalke 2018Copyright (c) 2008-2014 Bruno Lalande(c) Copyright Andrey Semashev 2013Copyright (c) 2001-2003 Jaakko JarviCopyright Christopher Kormanyos 2002 - 2011Copyright (c) 2001 Stephen ClearyCopyright Oliver Kowalke 2013Copyright Andrey Semashev 2013Copyright 2010 Howard HinnantCopyright Oliver Kowalke 2014Copyright Andrey Semashev 2014Copyright Oliver Kowalke 2015Copyright Hans Dembinski 2020Copyright Andrey Semashev 2015(c) Copyright 2018 Andrey SemashevCopyright Oliver Kowalke 2016Copyright 2002-2003 Herve Bronnimann, Guillaume Melquiond, Sylvain Pion(c) 2017-2020 Niall Douglas <http://www.nedproductions.biz/>Copyright 2017 Christophe Henry henryCopyright (c) 2017 Abel SinkovicsCopyright (c) 2016, 2018 Oracle and/or its affiliatesCopyright (c) 2014, 2018, Oracle and/or its affiliatesCopyright (c) 2007 Matthias Troyer <troyer@boost-consulting.com>Copyright (c) 2002-2004 Dmitriy AnisimkovCopyright 2019 Przemyslaw BartosikCopyright (c) 2002-2003 The Trustees of Indiana University. All rights reserved(c) Copyright 2005 Matthias Troyer and Dave AbrahamsCopyright Orson Peters 2017Copyright (c) 2006 Marcin KalicinskiCopyright (c) 2016 K. Noel BelcourtCopyright Oliver Kowalke 2009(c) Copyright Greg Colvin and Beman Dawes 1998, 1999Copyright (c) 2000-2010 Joerg Walter, Mathias Koch, Gunter Winkler, David Bellot(c) Copyright Andrey Semashev 2020Copyright (c) 2017 Hans DembinskiCopyright (c) 2012, 2015 Peter DimovCopyright (c) 2003-2013 Christopher M. KohlhoffCopyright (c) 2010 Eric Jourdanneau, Joel FalcouCopyright 2005 Jeremy G. SiekCopyright (c) 2008-2009 Ben HansonCopyright (c) 2017 Mateusz Loskot All rights reservedCopyright (c) 2001-2010 Hartmut KaiserCopyright Beman Dawes 1994-2006, 2011(c) Copyright Toon Knapen 2001(c) Copyright Toon Knapen 2003Copyright Andrey Semashev 2017Copyright (c) 2014-2018, 2020 Andrey SemashevCopyright Andrey Semashev 2018Copyright 2018 Andrzej KrzemienskiCopyright Andrey Semashev 2019Copyright 2018 Andrey SemashevCopyright (c) 2001 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi)Copyright 2005-2009 Andreas Huber DoenniCopyright (c) 2007-2015 Andrey SemashevCopyright (c) 2015-2020, Oracle and/or its affiliatesCopyright (c) 2006 Peter DimovCopyright (c) 2003-2004 by Douglas Gregor -at- gmail.com(c) Copyright Jeremy Siek 2000-2002Copyright ohn Maddock 2012Copyright (c) 2015-2017, Oracle and/or its affiliatesCopyright Andrey Semashev 2020Copyright (c) 2008, 2009, 2016 Tim Blechmann, basedCopyright (c) 2017-2019 Mateusz Loskot(c) Copyright Jeremy Siek 2000-2004Copyright (c) 2018 Louis Dionne(c) Copyright Juergen Hunold 2016(c) Copyright Juergen Hunold 2015Copyright (c) 2002 Raghavendra SatishCopyright (c) 2007-2015 Barend Gehrels, Amsterdam(c) Copyright 2007, 2008 Steven Watanabe, Joseph Gauterin, Niels DekkerCopyright 2015-2019 Peter Dimov(c) Copyright 2009 Brian Ravnsgaard and Kenneth Riddile(c) Copyright Juergen Hunold 2012(c) Copyright Juergen Hunold 2011Copyright (c) 2020 Jeff TrullCopyright (c) 2010-2012 Barend Gehrels, AmsterdamCopyright (c) 2000-2009 Joerg Walter, Mathias Koch, Gunter Winkler(c) Copyright Noel Belcourt 2007Copyright (c) 2006-7 John Maddock(c) Copyright Juergen Hunold 2006Copyright 2005, 2006 Rene RiveraCopyright 2004-2007 Vladimir Prus(c) Copyright Juergen Hunold 2009(c) Copyright Juergen Hunold 2008Copyright (c) 2002 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi)Copyright 2017-2018 Daniel JamesCopyright (c) 2018 Tobias Loew(c) Copyright Robert Ramey 2003. Jonathan Turkanis 2004(c) Copyright 2006 Douglas Gregor Andreas Kloeckner(c) Copyright Guillaume Melquiond 2003Copyright (c) 2008-2013 Bruno Lalandecopyright (c) 2015, 2018, Oracle and/or its affiliatesCopyright (c) 2008 Jurko Gospodneticcopyright 1963 Jane DoeCopyright (c) 2001-2003 John MaddockCopyright (c) 2010-2011 Bryce Lelbach blelbach@cct.lsu.eduCopyright (c) 2019 Vinnie FalcoCopyright 2011 Vicente J. Botet Escriba(c) Copyright 2004-2009 Robert Ramey, Martin Ecker and Takatoshi KondoCopyright Barend Gehrels 2010, Geodan, AmsterdamCopyright 2015 Antony PolukhinCopyright (c) 2002-2003 David Moore, William E. KempfCopyright Robin Linden 2018Copyright Oliver KowalkeCopyright (c) 2012-2014 Kohei TakahashiCopyright (c) 2014 Kohei TakahashiCopyright 2004-5 The Trustees of Indiana UniversityCopyright Hans Dembinski 2019Copyright (c) 2016 Francisco Jose Tapia fjtapia@gmail.comCopyright (c) 2016 Norbert WenzelCopyright 2002-2007 Andreas Huber DoenniCopyright (c) 2008-2009 Emil Dotchevski and Reverge Studios, Inc.Copyright (c) 2014 Peter DimovCopyright (c) 2007-2010 Steven WatanabeCopyright (c) 2002-2006 Hartmut Kaiser http://spirit.sourceforge.netCopyright (c) 2017 Peter DimovCopyright 2003, 2006 Rene RiveraCopyright (c) 2011 Vicente J. Botet EscribaCopyright (c) 2009 Christopher SchmidtCopyright (c) 2002 Jeff WestfahlCopyright (c) 2002 Joel de GuzmanCopyright (c) 2003 Paul MensonidesCopyright (c) 2004 John MaddockCopyright (c) 2001 Vladimir Prus <ghost@cs.msu.su>Copyright (c) 2019 Andrey SemashevCopyright (c) 1996 Silicon Graphics Computer Systems, Inc.Copyright Beman Dawes 2003, 2006Copyright 2016 Karsten AhnertCopyright Ralf W. Grosse-Kunstleve 2002-2004Copyright (c) 2013-2014 Damien BuhlCopyright (c) 2014 Samuel Debionne, Grenoble, FranceCopyright 2017 Vinnie Falco(c) Copyright Kohei Takahashi 2014,2016Copyright 2002 Paul MensonidesCopyright (c) 2005, 2014 Eric NieblerCopyright 2008 John MaddockCopyright (c) 2003-2020 Christopher M. KohlhoffCopyright 2010 Intel CorporationCopyright David Abrahams and Jeremy Siek 2003Copyright (c) 2000 Jeremy Siek and Andrew Lumsdaine, 2007 David Abrahams(c) Copyright Olaf Krzikalla 2004-2006copyright (c) Julian Seward. All rights reservedCopyright (c) 2015 Rene RiveraCopyright Abel Sinkovics (abel@sinkovics.hu) 2009 - 2012Copyright (c) 2014, 2015 Peter Dimov(c) Copyright Boris Rasin 2014Copyright (c) 2008-2018 Lorenzo CaminitiCopyright 2008 Andreas Huber DoenniCopyright 2005 Felix Hofling, Guillaume MelquiondCopyright Abel Sinkovics (abel@sinkovics.hu) 2009 - 2011(c) Copyright Daniel Wallin 2004Copyright Abel Sinkovics (abel@sinkovics.hu) 2009 - 2010Copyright 2008, 2020 Peter DimovCopyright 2013, 2017 Andrey SemashevCopyright Douglas Gregor 2002-2003Copyright Beman Dawes 2002, 2006, 2008Copyright Douglas Gregor 2002-2004(c) Copyright Gennadiy Rozental 2015(c) Copyright Gennadiy Rozental 2011Copyright Paul A. Bristow 2007, 2009, 2012Copyright Paul A. Bristow 2007, 2009, 2010Copyright 2019 Pranam Lashkari <plashkari628@gmail.com>Copyright Dietmar Kuehl 2001Copyright (c) 2008-2009 Frank Mori HessCopyright 2010-2014 Mario Mulansky(c) 2013-2020 Niall Douglas <http://www.nedproductions.biz/>Copyright (c) 2006 Michael Stevens(c) Copyright Beman Dawes 2001 - 2003Copyright (c) 2009-2013 Tim BlechmannCopyright (c) 2001 Samuel Krempp krempp@crans.ens-cachan.frCopyright 2005-2010 Vladimir PrusCopyright (c) 2003 Peter DimovCopyright (c) 2009-2011 Mateusz Loskot, London, UK.Copyright (c) 2007-2009 Joachim Faulhaber(c) Peter Kankowski, 2008Copyright (c) 2014 Agustin BergeCopyright (c) 2010 Jeroen Habraken(c) Copyright Stefan Slapeta 2004Copyright 2002, Fernando Luis Cacciola CarballalCopyright 2009 Vicente J. Botet EscribaCopyright 2003-2006 Vladimir PrusCopyright (c) 2015 Orson Peters(c) Copyright John Maddock 2006, 2015Copyright (c) 2014 Roshan <thisisroshansmail@gmail.com>Copyright (c) 2014 Anton BikineevCopyright (c) 2020 Nikita Kniazevcopyright (c) 2019, Oracle and/or its affiliatesCopyright (c) 2016 Kohei TakahashiCopyright (c) 2005 Arkadiy Vertleyb, Peder HoltCopyright (c) 2009 Sebastian Redlcopyright (c) 2013-2015 Oracle and/or its affiliatesCopyright (c) 2004 Joel de GuzmanCopyright (c) 2014-2015 Barend Gehrels, AmsterdamCopyright 1996-2011 Glyph & Cog, LLC(c) Copyright Daryle Walker and Stephen Cleary 2001-2002(c) Copyright Simon West 2011Copyright (c) 2002 Douglas Gregor -at- gmail.comCopyright (c) 2013-2014 Rastko Anicic <anicic.rastko@gmail.com>Copyright (c) 2010 Steven WatanabeCopyright 2017-2020 Peter DimovCopyright (c) 2017 Michel MorinCopyright 2003, 2005, 2006 Vladimir PrusCopyright 2012-2015 Mario MulanskyCopyright (c) 2000 Gary Powell (powellg@amazon.com)Copyright 2017 Rene RiveraCopyright (c) 2003 Giovanni Bajo http://spirit.sourceforge.netCopyright (c) 2003-7 John MaddockCopyright Nick Thompson 2020Copyright (c) 2003 Hartmut Kaiser http://spirit.sourceforge.netCopyright (c) 2003-2004 Gennaro ProtaCopyright 2011 Karsten AhnertCopyright 2003 Jens MaurerCopyright (c) 2003 Jonathan de Halleux http://spirit.sourceforge.net http://www.boost.org/libs/spiritCopyright (c) 2009 Trustees of Indiana UniversityCopyright (c) 2010 Artyom BeilisCopyright (c) Vladimir Prus 2002(c) Copyright Housemarque Oy 2002Copyright (c) 2001-2013 Hartmut KaiserCopyright 2005 David Abrahams and Aleksey GurtovoyCopyright (c) Vladimir Prus 2003Copyright (c) 2011 Jeff Flinn, Boris SchaelingCopyright Nick Thompson 2018Copyright (c) Vladimir Prus 2006Copyright Nick Thompson 2017Copyright (c) Vladimir Prus 2005(c) Copyright Gennadiy Rozental 2011-2015Copyright Nick Thompson 2019(c) Copyright John Maddock 2005-2006Copyright (c) 2007, 2008 Peter DimovCopyright 2006 Juergen Hunold(c) Copyright 2002-2009 Robert Ramey - http://www.rrsd.comCopyright (c) 2018 Oracle and/or its affiliatesCopyright Eric Friedman 2002Copyright Eric Friedman 2003Copyright (c) 2005-2010 Joel de GuzmanCopyright (c) 2009 Phil EndecottCopyright 2015-2019 Antony Polukhin(c) Copyright Hans Dembinski 2019Copyright Beman Dawes 2007, 2011Copyright (c) 2004 Daniel WallinCopyright (c) 2014 Kyle Lutz <kyle.r.lutz@gmail.com>Copyright 2011 Christophe Henry henryCopyright (c) 2004-2006 The Trustees of Indiana UniversityCopyright Leo Goodstadt 2012Copyright 2002-2003 Rene Rivera, Johan NilssonCopyright (c) 2013,2014 Vicente J. Botet Escriba(c) Copyright 2002 Rani Sharoni (rani\_sharoni@hotmail.com) and Robert RameyCopyright (c) 2017 Paul Fultz II static.cppCopyright (c) 2002-2005 Peter DimovCopyright (c) 1998-2002 John MaddockCopyright 2016-2019 Antony Polukhincopyright (c) 2017-2018 Oracle and/or its affiliatesCopyright 2005-2012 Daniel JamesCopyright (c) 2000-2004 Joerg Walter, Mathias KochCopyright (c) 2001-2011 Joel de Guzman http://spirit.sourceforge.netCopyright Beman Dawes 1994-99Copyright (c) 2018-2019 Mateusz Loskot(c) Copyright Toon Knapen 2001 - 2003Copyright (c) 2001 Darin AdlerCopyright David Abrahams 2002, Joel de Guzman, 2002Copyright 2006 Vladimir Prus(c) Copyright 2009-2010 Andrew SuttonCopyright 2006 Rene Rivera(c) Copyright Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000Copyright Nat Goodspeed 2015Copyright Nat Goodspeed 2014(c) Copyright Balint Cserni 2017Copyright Nat Goodspeed 2013Copyright (c) 2004 Michael StevensCopyright (c) 2010 Matthias Walter (xammy@xammy.homelinux.net)Copyright (c) 2011-2013, 2016 Tim BlechmannCopyright (c) 2008-2012 Simonson LucanusCopyright (c) 1995-2003 Jean-loup GaillyCopyright (c) 2018 Stefan Seefeld All rights reservedCopyright (c) 2008-2016 Daniel JamesCopyright (c) 2005-2007 Hartmut Kaiser 2007, 2009 Tim BlechmannCopyright John Maddock 2002-4Copyright (c) 2004 Eric NieblerCopyright Beman Dawes 2009, 2010copyright (c) 2013-2020 Oracle and/or its affiliatesCopyright (c) 2013 Adam Wulkiewicz, Lodz, PolandCopyright (c) 2017 Andrey Semashev(c) Copyright Microsoft Corporation 2014Copyright 2006-2009 Joaquin M LopezCopyright Abel Sinkovics (abel@sinkovics.hu) 2011 - 2012Copyright 2012 Eric NieblerCopyright Nikhar Agrawal 2013-14(c) Copyright Rani Sharoni 2003Copyright (c) 2005-2011 Joel de GuzmanCopyright 2011 Daniel JamesCopyright (c) 2015, Andrzej Krzemienski(c) Copyright 2002 Robert Ramey- http://www.rrsd.com and Takatoshi KondoCopyright (c) 2014-2015 Oracle and/or its affiliatescopyright (c) 2014, 2018 Oracle and/or its affiliatesCopyright 2013 Christopher KormanyosCopyright 2014-2015 Steven WatanabeCopyright (c) 2012-2013 Andrew HundtCopyright John Maddock 2006-7, 2013-14Copyright 2012 Olivier Tournaire, Christian HenningCopyright (c) 2016 arett AdairCopyright (c) 2020 Andrey SemashevCopyright (c) 2020 Barend Gehrels, Amsterdam(c) Copyright Robert Ramey 2004Copyright 2015, 2016 Peter DimovCopyright (c) 2000-2003 Brian McNamara and Yannis SmaragdakisCopyright 2003, 2004, 2006 Vladimir PrusCopyright 2015, 2019 Peter DimovCopyright 2011-2015 Mario MulanskyCopyright (c) 2005-2013 Joel de Guzman(c) Copyright Juergen Hunold 2006-2010Copyright (c) 2016 Chris GloverCopyright Rene Rivera 2013-2019Copyright (c) 2007-2008 The Trustees of Indiana UniversityCopyright (c) 2016 Jeffrey E. TrullCopyright (c) 2013, Petr Machata, Red Hat Inc.Copyright (c) 2018 Artyom BeilisCopyright 1998-2002 John MaddockCopyright (c) 2007 Joel de GuzmanCopyright (c) Marshall Clow 2011-2012(c) Copyright Vladimir Prus 2003Copyright Andrey Semashev 2018, 2020Copyright (c) 2006 Joao Abecasis(c) Copyright Kohei Takahashi 2014Copyright 2010-2011 Mario MulanskyCopyright (c) 2010 Vladimir PrusCopyright Paul A. Bristow 2011, 2012Copyright (c) 2011 Eric NieblerCopyright (c) 2012 David BaileyCopyright (c) 2007 Matthias TroyerCopyright iamvfx@gmail.comCopyright 2005 John MaddockCopyright 2003, 2004, 2005, 2006, 2007 Vladimir PrusCopyright 2010-2012 Mario Mulansky(c) Copyright Edward Diener 2011,2014(c) Copyright Edward Diener 2011,2012(c) Copyright Edward Diener 2011,2013Copyright (c) 2018 agate-prisCopyright (c) 2024 John FletcherCopyright 2013 Karsten AhnertCopyright Paul A. Bristow 2017, 2018Copyright (c) 2017-2019 Barend Gehrels, AmsterdamCopyright 2007 The Trustees of Indiana UniversityCopyright (c) 2017-2019 Nikita KniazevCopyright (c) 2014, 2015 Andrzej KrzemienskiCopyright (c) 2020 Nikita Kniazev http://spirit.sourceforge.netCopyright (c) 2001-2011 Hartmut KaiserCopyright Paul A. 2007, 2010Copyright 2010 Daniel Wallin, Eric NieblerCopyright (c) 2002 Gennaro ProtaCopyright (c) 2005 Trustees of Indiana UniversityCopyright Samuel Krempp 2003Copyright (c) 2014 Ahmed CharlesCopyright (c) 2005-2012 Joel de GuzmanCopyright 2011-2013 Thorsten OttosenCopyright 2019 Glen Joseph Fernandes (glenjofe@gmail.com)(c) Copyright Eric Ford 2001 & Hubert HolinCopyright Paul A. Bristow 2015, 2018Copyright Catherine Morton 2015Copyright (c) 2005-2007 Dan MarsdenCopyright 2002-2003 Herve BronnimannCopyright 2014,2018 Glen Joseph Fernandes (glenjofe@gmail.com)Copyright (c) 2015-2019 Adam Wulkiewicz, Lodz, PolandCopyright (c) 2014, Andrzej KrzemienskiCopyright Daryle Walker, Hubert Holin, John Maddock 2006 - 2007(c) 2003 Martin Wille http://spirit.sourceforge.netCopyright Frank Mori Hess 2007-2008Copyright Antony Polukhin, 2012-2020Copyright Frank Mori Hess 2007-2009Copyright 2005-2006 Andreas Huber DoenniCopyright 2017, NVIDIA CORPORATION.Copyright 2012 Karsten AhnertCopyright (c) Douglas Gregor 2008(c) Copyright David Abrahams 2004Copyright (c) 2001 Ralf W. Grosse-Kunstlevecopyright (c) 2018, 2019 Oracle and/or its affiliatesCopyright (c) 2003 Cosmin Truta(c) Copyright David Abrahams 2001Copyright (c) Douglas Gregor 2004(c) Copyright David Abrahams 2000(c) Copyright David Abrahams 2003(c) Copyright David Abrahams 2002Copyright Frank Mori Hess 2007-2010Copyright 2011-2014 Mario MulanskyCopyright (c) 1999-2006 Cortex Software GmbH, KantstrasseCopyright (c) 2007-2012 Barend Gehrels, Amsterdam(c) Copyright Andreas Huber Doenni 2002-2005, Eric Niebler 2006Copyright (c) 2008 Roelof NaudeCopyright (c) 2012-202 Mateusz Loskot <mateusz@loskot.net>Copyright (c) Vladimir Prus 2010Copyright (c) 2009 Peter DimovCopyright (c) 2012 Flavio De Lorenzi (fdlorenzi@gmail.com)(c) Copyright Beman Dawes 2008(c) Copyright Beman Dawes 2009Copyright (c) 2015-2018, Oracle and/or its affiliates(c) Copyright Paul Mensonides 2005copyright (c) 1995-2017 Jean-loup Gailly and Mark Adler(c) Copyright Paul Mensonides 2002(c) Copyright Paul Mensonides 2003(c) Copyright Beman Dawes 2000(c) Copyright Beman Dawes 2001Copyright 2013-2020 Antony PolukhinCopyright Kohei Takahashi 2016(c) Copyright Beman Dawes 2002(c) Copyright Beman Dawes 2003(c) Copyright Beman Dawes 2005copyright (c) 2018-2020 Oracle and/or its affiliatesCopyright 2008 Jurko GospodneticCopyright 2008 Eric NieblerCopyright 2013 Cromwell D. EnageCopyright 2014 LRICopyright Jim Bosch & Ankit Daftery 2010-2012Copyright (c) 2010 Gordon WoodhullCopyright (c) 2010-2015 Barend Gehrels, AmsterdamCopyright (c) Christopher Diggins 2005Copyright Jiaxun Yang 2018Copyright (c) 2015 Mario LangCopyright Akira Takahashi 2013Copyright (c) Jeremy Siek 2000Copyright Akira Takahashi 2011Copyright (c) Jeremy Siek 2001Copyright (c) 2014 John Fletcher(c) Copyright Agustin Berge 2014Copyright 2003, 2005 Douglas Gregor(c) Copyright Beman Dawes 2010Copyright 2005-2012 Juergen HunoldCopyright 2018 Stefan Seefeld(c) Copyright Paul Mensonides 2011Copyright (c) 2001-2012 Hartmut Kaiser(c) Copyright Paul Mensonides 2012(c) ACM, 2011. http://doi.acm.org/10.1145/1916461.1916469

**License:** Boost Software License V1.0

1 Boost Software License - Version 1.02 August 17th, 2003Permission is hereby granted, free of charge, to any person or organizationobtaining a copy of the software and accompanying documentation covered bythis license (the "Software") to use, reproduce, display, distribute,execute, and transmit the Software, and to prepare derivative works of theSoftware, and to permit third-parties to whom the Software is furnished todo so, all subject to the following:The copyright notices in the Software and this entire statement, includingthe above license grant, this restriction and the following disclaimer,must be included in all copies of the Software, in whole or in part, andall derivative works of the Software, unless such copies or derivativeworks are solely in the form of machine-executable object code generated bya source language processor.THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS ORIMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENTSHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLEFOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE,ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHERDEALINGS IN THE SOFTWARE.

**Software:** boringssl fips-20220613

**Copyright notice:**

No copyright notice found in source files of this software

**License:** MIT License

Please see above

**Software:** braces 3.0.2

**Copyright notice:**

Copyright (c) 2014-2018, Jon SchlinkertCopyright (c) 2019, Jon Schlinkert (https://github.com/jonschlinkert)

**License:** MIT License

Please see above

**Software:** broofa/mime 1.6.0

**Copyright notice:**

Copyright (c) 2010 Benjamin Thomas, Robert Kieffer

**License:** MIT License

Please see above

**Software:** buffer-from 1.1.2

**Copyright notice:**

Copyright (c) 2016, 2018 Linus Unnebäck

**License:** MIT License

Please see above

**Software:** Byte Buddy 1.12.18

**Copyright notice:**

Copyright (c) 2015-2021 the originalCopyright 2014 - Present Rafael WinterhalterCopyright (c) 2000-2011 INRIA, France Telecom All rights reservedCopyright 2015 the original author or authors

**License:** Apache License V2.0

Please see above

**Software:** call-bind 1.0.2

**Copyright notice:**

No copyright notice found in source files of this software.

**License:** MIT License

Please see above

**Software:** capstone 5.0.1

**Copyright notice:**

Copyright (c) 2013, COSEINC.Copyright (c) 2003-2013 University of Illinois at Urbana-ChampaignCopyright 1998-2001 Karl StenerudCopyright FireEye 2017Copyright FireEye 2017 DimCopyright (c) 2015, Unicorn contributors

**License:** BSD 3-Clause License

Please see above

**Software:** Checker Framework 3.33.0

**Copyright notice:**

No copyright notice found in source files of this software

**License:** MIT License

Please see above

**Software:** classic-flang-llvm-project flang\_20211215\_12x

**Copyright notice:**

Copyright (c) 2007-2019 University of Illinois at Urbana-ChampaignCopyright 2008-2010 Apple, Inc.Copyright (c) Microsoft CorporationCopyright (c) 2017 Google Inc.Copyright (c) 2007-2018 University of Illinois at Urbana-ChampaignCopyright 2006, Dean EdwardsCopyright (c) 2009-2019 by the contributorsCopyright (c) 2009-2015 by the contributorsCopyright (c) 2009 Google Inc.Copyright (c) 2003-2019 University of Illinois at Urbana-ChampaignCopyright 2007-2010 by the Sphinx teamCopyright (c) 2019, NVIDIA CORPORATION.Copyright (c) 2011-2019 by the contributorsCopyright (c) 2011-2014 by the contributorsCopyright (c) 2014 Advanced Micro Devices, Inc.Copyright (c) 2015 Advanced Micro Devices, Inc.Copyright (c) 2014,2015 Advanced Micro Devices, Inc.Copyright (c) 2014, 2015 Advanced Micro Devices, Inc.Copyright (c) 2013 Victor Oliveira <victormatheus@gmail.com>Copyright (c) 2013 Jesse Towner <jessetowner@lavabit.com>Copyright (c) 1993 by Sun Microsystems, Inc.Copyright (c) 2016 Aaron WatryCopyright (c) 2016 Aaron Watry <awatry@gmail.com>Copyright (c) 2009-2014 by the contributorsCopyright (c) 2002-2004 Tim J. RobbinsCopyright 2015 Google Inc.Copyright 2018 Google Inc.Copyright 2016 Ismael Jimenez MartinezCopyright 2017 Roman LebedevCopyright (c) 2005 Free Standards GroupCopyright (c) 1992, 1993 UNIX International, Inc.Copyright (c) 2011-2019 by the contributors listed in CREDITS.TXTCopyright (c) 2010 Apple Inc.Copyright (c) 2008 Free Software Foundation, Inc.Copyright (c) 2010-2017 Free Software Foundation, Inc.Copyright (c) 2010-2015 Free Software Foundation, Inc.Copyright (c) by P.J. PlaugerCopyright (c) 2018 Jim InghamCopyright (c) 2013-2014, Pexpect development teamCopyright (c) 2012, Noah Spurrier <noah@noah.org>Copyright (c) 2013-2016, Pexpect development teamCopyright (c) 2010-2015 Benjamin PetersonCopyright (c) 1999-2003 Steve PurcellCopyright (c) 2003-2010 Python Software FoundationCopyright (c) 1999-2007 Apple Inc.Copyright (c) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 Free Software Foundation, Inc.Copyright (c) 1997, PhillipCopyright (c) 1992, 1993, 1994 Henry SpencerCopyright (c) 1992, 1993, 1994 The Regents of the University of CaliforniaCopyright 2000 Free Software Foundation, Inc.Copyright 2001-2004 Unicode, Inc.Copyright (c) 2004 eXtensible Systems, Inc.Copyright (c) 2001 Alexander PeslyakCopyright (c) 2012-2016, Yann ColletCopyright 1992, 1993, 1994 Henry SpencerCopyright (c) 1994 The Regents of the University of CaliforniaCopyright (c) 1992 Henry SpencerCopyright (c) 1992, 1993 The Regents of the University of CaliforniaCopyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com>Copyright (c) 2006 Kirill SimonovCopyright 2008, Google Inc.Copyright 2007, Google Inc.Copyright 2013, Google Inc.Copyright 2015, Google Inc.Copyright 2005, Google Inc.Copyright 2008 Google Inc.Copyright 2006, Google Inc.Copyright 2003 Google Inc.Copyright 2009 Google Inc.Copyright (c) 2019 The MLIR AuthorsCopyright (c) 1997-2019 Intel CorporationCopyright 2007-2020 by the Sphinx teamCopyright (c) 2015the LLVM ProjectCopyright (c) 2009-2019 Polly TeamCopyright (c) 1996-2018 Free Software Foundation, Inc.Copyright (c) 2002-2018 Free Software Foundation, Inc.Copyright (c) 2001-2018 Free Software Foundation, Inc.Copyright (c) 1997-2018 Free Software Foundation, Inc.Copyright (c) 1999-2018 Free Software Foundation, Inc.Copyright (c) 2003-2018 Free Software Foundation, Inc.Copyright (c) 2009-2018 Free Software Foundation, Inc.Copyright (c) 2006-2018 Free Software Foundation, Inc.Copyright (c) 2004-2018 Free Software Foundation, Inc.Copyright 2008-2009 Katholieke Universiteit LeuvenCopyright 2006-2007 Universiteit LeidenCopyright 2012,2014 Ecole Normale SuperieureCopyright 1992-2018 Free Software Foundation, Inc.Copyright (c) 1992-1996, 1998-2012 Free Software Foundation, Inc.Copyright (c) 2012 Free Software Foundation, Inc.Copyright (c) 2014 Free Software Foundation, Inc.Copyright 2013 Ecole Normale SuperieureCopyright 2017 Sven VerdoolaegeCopyright (c) 1994 X ConsortiumCopyright 2011 INRIA SaclayCopyright 2011 Sven VerdoolaegeCopyright 2012-2014 Ecole Normale SuperieureCopyright 2014 INRIA RocquencourtCopyright 2016 Sven VerdoolaegeCopyright 2018,2020 Cerebras SystemsCopyright 2012-2013 Ecole Normale SuperieureCopyright 2010 INRIA SaclayCopyright 2012 Ecole Normale SuperieureCopyright 2019 Cerebras SystemsCopyright 2018 Cerebras SystemsCopyright 2010-2011 INRIA SaclayCopyright 2016 INRIACopyright 2020 Cerebras SystemsCopyright 2005-2007 Universiteit LeidenCopyright 2012 Universiteit LeidenCopyright 2014 Ecole Normale SuperieureCopyright 2015 INRIA Paris-RocquencourtCopyright 2018-2019 Cerebras SystemsCopyright 2014-2015 INRIA RocquencourtCopyright 2015 Sven VerdoolaegeCopyright 2013-2014 Ecole Normale SuperieureCopyright 2015-2016 Sven VerdoolaegeCopyright 2016-2017 Sven VerdoolaegeCopyright 2018 Sven VerdoolaegeCopyright 2016-2017 Tobias GrosserCopyright (c) 1996-2015 Free Software Foundation, Inc.Copyright (c) 2004-2015 Free Software Foundation, Inc.Copyright (c) 1994-2018 Free Software Foundation, Inc.Copyright (c) 2000-2018 Free Software Foundation, Inc.Copyright (c) 2011-2018 Free Software Foundation, Inc.Copyright (c) 2012 Qualcomm Innovation Center, Inc.Copyright (c) 2002-2007 Michael J. FrombergerCopyright 2016, 2017 Tobias GrosserCopyright 2011,2015 Sven VerdoolaegeCopyright (c) 2008 Stepan Kasal <skasal@redhat.com>Copyright (c) 2008 Christian HaggstromCopyright (c) 2008 Ryan McCabe <ryan@numb.org>Copyright (c) 2008 Steven G. Johnson <stevenj@alum.mit.edu>Copyright (c) 2008 Matteo FrigoCopyright (c) 2009 Steven G. Johnson <stevenj@alum.mit.edu>Copyright (c) 2009 Matteo FrigoCopyright (c) 2008 Guido U. Draheim <guidod@gmx.de>Copyright (c) 2008 Sven Verdoolaege <skimo@kotnet.org>Copyright (c) 2008 Benjamin Kosnik <bkoz@redhat.com>Copyright (c) 2012 Zack Weinberg <zackw@panix.com>Copyright (c) 2013 Roy Stogner <roystgnr@ices.utexas.edu>Copyright (c) 2014, 2015 Google Inc.Copyright (c) 2015 Paul Norman <penorman@mac.com>Copyright (c) 2015 Moritz Klammler <moritz@klammler.eu>Copyright (c) 2016 Krzesimir Nowak <qdlacz@gmail.com>Copyright (c) 2008 Paolo Bonzini <bonzini@gnu.org>Copyright (c) 2012 Avionic Design GmbHCopyright (c) 1996-2001, 2003-2015 Free Software Foundation, Inc.Copyright (c) 2011 Free Software Foundation, Inc.Copyright (c) 2004-2005, 2007-2009, 2011-2015 Free Software Foundation, Inc.Copyright (c) 2004-2005, 2007-2008, 2011-2015 Free Software Foundation, Inc.Copyright (c) 2004, 2011-2015 Free Software Foundation, Inc.Copyright (c) 2004-2005, 2007, 2009, 2011-2015 Free Software Foundation, Inc.Copyright (c) 1996-2014 Free Software Foundation, Inc.Copyright (c) 2004 Scott James Remnant <scott@netsplit.com>Copyright (c) 2002-2014 Free Software Foundation, Inc.Copyright (c) 2001-2014 Free Software Foundation, Inc.Copyright (c) 1997-2014 Free Software Foundation, Inc.Copyright (c) 1999-2014 Free Software Foundation, Inc.Copyright (c) 2003-2014 Free Software Foundation, Inc.Copyright (c) 2009-2014 Free Software Foundation, Inc.Copyright (c) 2006-2014 Free Software Foundation, Inc.Copyright (c) 2004-2014 Free Software Foundation, Inc.Copyright (c) 1999-2013 Free Software Foundation, Inc.Copyright (c) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012 Free Software Foundation, Inc.Copyright (c) 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 Free Software Foundation, Inc.Copyright (c) 1999, 2000, 2003, 2004, 2005, 2006, 2007, 2009, 2010, 2011, 2012 Free Software Foundation, Inc.Copyright (c) 1994-2014 Free Software Foundation, Inc.Copyright (c) 1996, 1997, 1999, 2000, 2002, 2003, 2004, 2005, 2006, 2008, 2009, 2010, 2011, 2012 Free Software Foundation, Inc.Copyright (c) 2011-2013 Free Software Foundation, Inc.Copyright (c) 2004, 2005, 2007, 2008, 2009 Free Software Foundation, Inc.Copyright (c) 2004, 2005, 2007, 2008 Free Software Foundation, Inc.Copyright (c) 2004 Free Software Foundation, Inc.Copyright (c) 2004, 2005, 2007, 2009 Free Software Foundation, Inc.Copyright (c) 2009-2016 by the contributorsCopyright (c) 2006-2009 Steven J. Bethard <steven.bethard@gmail.com>Copyright 2010 Zencoder, Inc.Copyright (c) 2017-2019 by the contributors

**License:** Apache 2.0 with LLVM Exception

==============================================================================The LLVM Project is under the Apache License v2.0 with LLVM Exceptions:============================================================================== Apache License Version 2.0, January 2004 http://www.apache.org/licenses/ TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION 1. Definitions. "License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document. "Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License. "Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity. "You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License. "Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files. "Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types. "Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below). "Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof. "Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution." "Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work. 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form. 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed. 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions: (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and (b) You must cause any modified files to carry prominent notices stating that You changed the files; and (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License. You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License. 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions. 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file. 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License. 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages. 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS APPENDIX: How to apply the Apache License to your work. To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives. Copyright [yyyy] [name of copyright owner] Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.---- LLVM Exceptions to the Apache 2.0 License ----As an exception, if, as a result of your compiling your source code, portionsof this Software are embedded into an Object form of such source code, youmay redistribute such embedded portions in such Object form without complyingwith the conditions of Sections 4(a), 4(b) and 4(d) of the License.In addition, if you combine or link compiled forms of this Software withsoftware that is licensed under the GPLv2 ("Combined Software") and if acourt of competent jurisdiction determines that the patent provision (Section3), the indemnity provision (Section 9) or other Section of the Licenseconflicts with the conditions of the GPLv2, you may retroactively andprospectively choose to deem waived or otherwise exclude such Section(s) ofthe License, but only in their entirety and only with respect to the CombinedSoftware.

**Software:** click 8.1.6

**Copyright notice:**

Copyright 2014 Palletscopyright 2014 PalletsCopyright 2001-2006 Gregory P. WardCopyright 2002-2006 Python Software Foundation

**License:** BSD 3-Clause License

Please see above

**Software:** cloudpickle 2.2.1

**Copyright notice:**

Copyright (c) 2015, CloudpickleCopyright (c) 2012, Regents of the University of CaliforniaCopyright (c) 2009 PiCloud, Inc. http://www.picloud.comCopyright (c) 2009 PiCloud, Inc. <https://web.archive.org/web/20140626004012/http://www.picloud.com/>

**License:** BSD 3-Clause License

Please see above

**Software:** CMake 3.25.3

**Copyright notice:**

Copyright (c) 2000-2022 Kitware, Inc. and ContributorsCopyright (c) 1991, 1999 Free Software Foundation, Inc.Copyright (c) 2007 Free Software Foundation, Inc. <http://fsf.org/>Copyright (c) 2008 - 2009 NVIDIA CorporationCopyright (c) 2007-2009 Scientific Computing and Imaging Institute, University of UtahCopyright (c) 2011 Google Inc.Copyright (c) 2007 Edd DawsonCopyright (c) 1998 Free Software Foundation, Inc.Copyright (c) 1998,2000 Free Software Foundation, Inc.Copyright (c) 2000-2016 Kitware, Inc. and ContributorsCopyright (c) 1999, 2000, 2002 Aladdin EnterprisesCopyright (c) 1991 Texas Instruments IncorporatedCopyright (c) 1986 by University of TorontoCopyright (c) 1984, 1989-1990, 2000-2015, 2018-2021 Free Software Foundation, Inc.Copyright (c) 2000 2006 Erik Edelmann <erik.edelmann@iki.fi>Copyright (c) The Qt Company Ltd.Copyright (c) 2010 Firebreath Dev TeamCopyright (c) 2012 The Open Source Electronic Health RecordCopyright (c) 2011 Kitware, Inc.Copyright (c) 2011 Nokia Corporation and/or its subsidiary(-ies)Copyright (c) 2019 Peter DimovCopyright (c) 2009 The Android Open Source ProjectCopyright (c) 2004 MyCompanyNameCopyright (c) 1996-2019 Julian Seward <jseward@acm.org>Copyright (c) 1996-2019 by Julian Sewardcopyright (c) 1996-2019 Julian R SewardCopyright (c) 1998 - 2022, Daniel Stenberg, <daniel@haxx.se>Copyright (c) 1996 - 2022, Daniel Stenberg, <daniel@haxx.se> , and many contributorsCopyright (c) 2018 - 2022, Daniel Stenberg, <daniel@haxx.se>Copyright (c) 2019 - 2022, Daniel Stenberg, <daniel@haxx.se>Copyright (c) 2021 - 2022, Daniel Stenberg, <daniel@haxx.se>Copyright (c) 2012 - 2016, Linus Nielsen Feltzing, <linus@haxx.se>Copyright (c) 2012 - 2022, Daniel Stenberg, <daniel@haxx.se>Copyright (c) 2015 - 2022, Daniel Stenberg, <daniel@haxx.se>Copyright (c) 2012 - 2014, Linus Nielsen Feltzing, <linus@haxx.se>Copyright (c) 2015 - 2022, Steve Holme, <steve\_holme@hotmail.com>Copyright (c) 2011 - 2022, Daniel Stenberg, <daniel@haxx.se>Copyright (c) 2001-2004 Damien Miller <djm@openbsd.org>Copyright (c) 2012, Howard Chu, <hyc@highlandsun.com>Copyright (c) 2010 - 2022, Howard Chu, <hyc@highlandsun.com>Copyright (c) 2017, Florin Petriuc, <petriuc.florin@gmail.com>Copyright (c) 2020 - 2022, Daniel Stenberg, <daniel@haxx.se>Copyright (c) 1998 - 2022, Daniel StenbergCopyright (c) 2010 - 2022, Daniel Stenberg, <daniel@haxx.se>Copyright (c) 2022, Daniel Stenberg, <daniel@haxx.se>Copyright (c) 1998 - 2020, 2022, Daniel Stenberg, <daniel@haxx.se>Copyright (c) 2009 - 2022, Daniel Stenberg, <daniel@haxx.se>Copyright (c) 1996-2022 Internet Software ConsortiumCopyright (c) 2003 - 2022 by Internet Software ConsortiumCopyright (c) 1995, 1996, 1997, 1998, 1999 Kungliga Tekniska HAPgskolan (Royal Institute of Technology, Stockholm, Sweden)Copyright (c) 2004 - 2022 Daniel StenbergCopyright (c) 2001 Alexander PeslyakCopyright (c) 1999 - 2022, Daniel Stenberg, <daniel@haxx.se>Copyright (c) 2019, Bjorn Stenberg, <bjorn@haxx.se>Copyright (c) 2019 - 2022, Bjorn Stenberg, <bjorn@haxx.se>Copyright (c) 2010, Howard Chu, <hyc@openldap.org>Copyright (c) 2016 - 2022, Daniel Stenberg, <daniel@haxx.se>Copyright (c) 2014, Bill Nagel <wnagel@tycoint.com> , Exacq TechnologiesCopyright (c) 2018, Bill Nagel <wnagel@tycoint.com> , Exacq TechnologiesCopyright (c) 2012, Markus Moeller, <markus\_moeller@compuserve.com>Copyright (c) 2012, 2011, Markus Moeller, <markus\_moeller@compuserve.com>Copyright (c) 1997 - 2022, Daniel Stenberg, <daniel@haxx.se>Copyright (c) 2004 - 2022, Daniel Stenberg, <daniel@haxx.se>Copyright (c) 2016 - 2022, Steve Holme, <steve\_holme@hotmail.com>Copyright (c) 2014 - 2016, Steve Holme, <steve\_holme@hotmail.com>Copyright (c) 2020 - 2022, Simon Josefsson, <simon@josefsson.org>Copyright (c) 2014 - 2019, Steve Holme, <steve\_holme@hotmail.com>Copyright (c) 2014 - 2022, Steve Holme, <steve\_holme@hotmail.com>Copyright (c) 2017 - 2022 Red Hat, Inc.Copyright (c) 2019 - 2022, Michael Forney, <mforney@mforney.org>Copyright (c) 2010 - 2011, Hoi-Ho Chan, <hoiho.chan@gmail.com>Copyright (c) 2010, Hoi-Ho Chan, <hoiho.chan@gmail.com>Copyright (c) 2013 - 2022, Daniel Stenberg, <daniel@haxx.se>Copyright (c) 2010, 2011, Hoi-Ho Chan, <hoiho.chan@gmail.com>Copyright (c) 2020 - 2022, Jacob Hoffman-Andrews, <github@hoffman-andrews.com>Copyright (c) 2012 - 2016, Marc Hoersken, <info@marc-hoersken.de>Copyright (c) 2012, Mark Salisbury, <mark.salisbury@hp.com>Copyright (c) 2012, Marc Hoersken, <info@marc-hoersken.de>Copyright (c) 2012 - 2017, Nick Zitzmann, <nickzman@gmail.com>Copyright (c) 2012 - 2014, Nick Zitzmann, <nickzman@gmail.com>Copyright (c) 1996-1998 John D. PolstraCopyright (c) 2017, 2018 Dell EMCCopyright (c) 2000, 2001, 2008, 2011, David E. O'BrienCopyright (c) 1998 John D. PolstraCopyright (c) 1998-2000 Thai Open Source Software Center Ltd and Clark CooperCopyright (c) 2001-2019 Expat maintainersCopyright (c) 1999-2000 Thai Open Source Software Center LtdCopyright (c) 2000 Clark Cooper <coopercc@users.sourceforge.net>Copyright (c) 2002 Fred L. Drake, Jr. <fdrake@users.sourceforge.net>Copyright (c) 2007 Karl Waclawek <karl@waclawek.net>Copyright (c) 2017 Sebastian Pipping <sebastian@pipping.org>Copyright (c) 1997-2000 Thai Open Source Software Center LtdCopyright (c) 2000-2005 Fred L. Drake, Jr. <fdrake@users.sourceforge.net>Copyright (c) 2001-2002 Greg Stein <gstein@users.sourceforge.net>Copyright (c) 2002-2016 Karl Waclawek <karl@waclawek.net>Copyright (c) 2016-2022 Sebastian Pipping <sebastian@pipping.org>Copyright (c) 2016 Cristian Rodriguez <crrodriguez@opensuse.org>Copyright (c) 2016 Thomas Beutlich <tc@tbeu.de>Copyright (c) 2017 Rhodri James <rhodri@wildebeest.org.uk>Copyright (c) 2000-2004 Fred L. Drake, Jr. <fdrake@users.sourceforge.net>Copyright (c) 2002-2006 Karl Waclawek <karl@waclawek.net>Copyright (c) 2016-2019 Sebastian Pipping <sebastian@pipping.org>Copyright (c) 2018 Yury Gribov <tetra2005@gmail.com>Copyright (c) 2002-2003 Fred L. Drake, Jr. <fdrake@users.sourceforge.net>Copyright (c) 2003 Greg Stein <gstein@users.sourceforge.net>Copyright (c) 2016-2021 Sebastian Pipping <sebastian@pipping.org>Copyright (c) 2019 David Loffredo <loffredo@steptools.com>Copyright (c) 2002 Greg Stein <gstein@users.sourceforge.net>Copyright (c) 2005 Karl Waclawek <karl@waclawek.net>Copyright (c) 2017-2021 Sebastian Pipping <sebastian@pipping.org>Copyright (c) 2000-2006 Fred L. Drake, Jr. <fdrake@users.sourceforge.net>Copyright (c) 2005-2009 Steven Solie <steven@solie.ca>Copyright (c) 2016 Eric Rahm <erahm@mozilla.com>Copyright (c) 2016 Gaurav <g.gupta@samsung.com>Copyright (c) 2016 Gustavo Grieco <gustavo.grieco@imag.fr>Copyright (c) 2016 Pascal Cuoq <cuoq@trust-in-soft.com>Copyright (c) 2016 Ed Schouten <ed@nuxi.nl>Copyright (c) 2017-2018 Rhodri James <rhodri@wildebeest.org.uk>Copyright (c) 2017 Vaclav Slavik <vaclav@slavik.io>Copyright (c) 2017 Viktor Szakats <commit@vsz.me>Copyright (c) 2017 Chanho Park <chanho61.park@samsung.com>Copyright (c) 2017 Rolf Eike Beer <eike@sf-mail.de>Copyright (c) 2017 Hans Wennborg <hans@chromium.org>Copyright (c) 2018 Anton Maklakov <antmak.pub@gmail.com>Copyright (c) 2018 Benjamin Peterson <benjamin@python.org>Copyright (c) 2018 Marco Maggi <marco.maggi-ipsu@poste.it>Copyright (c) 2018 Mariusz Zaborski <oshogbo@vexillium.org>Copyright (c) 2019-2020 Ben Wagner <bungeman@chromium.org>Copyright (c) 2019 Vadim Zeitlin <vadim@zeitlins.org>Copyright (c) 2021 Dong-hee Na <donghee.na@python.org>Copyright (c) 2022 Samanta Navarro <ferivoz@riseup.net>Copyright (c) 2002 Karl Waclawek <karl@waclawek.net>Copyright (c) 2001-2003 Fred L. Drake, Jr. <fdrake@users.sourceforge.net>Copyright (c) 2016 Don Lewis <truckman@apache.org>Copyright (c) 2017 Alexander Bluhm <alexander.bluhm@gmx.net>Copyright (c) 2017 Benbuck Nason <bnason@netflix.com>Copyright (c) 2017 Jose Gutierrez de la Concha <jose@zeroc.com>Copyright (c) 2002-2005 Karl Waclawek <karl@waclawek.net>Copyright (c) 2016-2017 Sebastian Pipping <sebastian@pipping.org>Copyright (c) 2020 Boris Kolpackov <boris@codesynthesis.com>Copyright (c) 2017-2019 Sebastian Pipping <sebastian@pipping.org>Copyright (c) 2007-2010 by Baptiste Lepilleur and The JsonCpp AuthorsCopyright (c) 2007-2010 Baptiste Lepilleur and The JsonCpp AuthorsCopyright (c) 2007-2010 Baptiste Lepilleur and The JsonCpp AuthorsCopyright (c) 2007-2011 Baptiste Lepilleur and The JsonCpp AuthorsCopyright (c) 2016 InfoTeCS JSC.Copyright (c) 2011 Baptiste Lepilleur and The JsonCpp AuthorsCopyright (c) 2003-2018 <author(s)>Copyright (c) 2009, Michihiro NAKAJIMACopyright (c) 2006, Alexander Neundorf, <neundorf@kde.org>Copyright (c) 2011-2012 libarchive ProjectCopyright (c) 2003-2010 Tim KientzleCopyright (c) 2016 Martin MatuskaCopyright (c) 2012, Samuel Neves <sneves@dei.uc.pt>Copyright (c) 2012 Michihiro NAKAJIMACopyright (c) 2009 Joerg SonnenbergerCopyright (c) 2014 Michihiro NAKAJIMACopyright (c) 2003-2007 Tim KientzleCopyright (c) 2011 Andres MejiaCopyright (c) 2011 Michihiro NAKAJIMACopyright (c) 2017 Martin MatuskaCopyright (c) 2003-2009 Tim KientzleCopyright (c) 2010-2012 Michihiro NAKAJIMACopyright (c) 2002 Thomas Moestl <tmm@FreeBSD.org>Copyright (c) 2010 Joerg SonnenbergerCopyright (c) 1993 The Regents of the University of CaliforniaCopyright (c) 2003-2008 Tim KientzleCopyright (c) 2019 Martin MatuskaCopyright (c) 2010-2011 Michihiro NAKAJIMACopyright (c) 2003-2015 Tim KientzleCopyright (c) 2011 Tim KientzleCopyright (c) 1998, 2001 The NetBSD Foundation, Inc.Copyright (c) 1996, David Mazieres <dm@uun.org>Copyright (c) 2008, Damien Miller <djm@openbsd.org>Copyright (c) 2001 The NetBSD Foundation, Inc.Copyright (c) 2003-2011 Tim KientzleCopyright (c) 2003-2012 Tim KientzleCopyright (c) 2020 Martin MatuskaCopyright (c) 1985, 1986, 1992, 1993 The Regents of the University of CaliforniaCopyright (c) 2007 Joerg SonnenbergerCopyright (c) 2009 Michihiro NAKAJIMACopyright (c) 2009-2011 Michihiro NAKAJIMACopyright (c) 2003-2008 Tim Kientzle and Miklos VajnaCopyright (c) 2009-2011 Sean PurcellCopyright (c) 2007 Kai WangCopyright (c) 2007 Tim KientzleCopyright (c) 2009 Andreas Henriksson <andreas@fatal.se>Copyright (c) 2009-2012 Michihiro NAKAJIMACopyright (c) 2008-2014 Michihiro NAKAJIMACopyright (c) 2008 Joerg SonnenbergerCopyright (c) 2011-2012 Michihiro NAKAJIMACopyright (c) 2018 Grzegorz Antoniak (http://antoniak.org)Copyright (c) 2014 Sebastian FreundtCopyright (c) 2004-2013 Tim KientzleCopyright (c) 2011-2012,2014 Michihiro NAKAJIMACopyright (c) 2013 Konrad KleineCopyright (c) 2009-2012,2014 Michihiro NAKAJIMACopyright (c) 2003-2007 Kees ZeelenbergCopyright (c) 1996-2008, PostgreSQL Global Development GroupCopyright (c) 1994, The Regents of the University of CaliforniaCopyright (c) 2003-2006 Tim KientzleCopyright (c) 2012 Ondrej HolyCopyright (c) 2017 Sean PurcellCopyright (c) 2006 Rudolf Marek SYSGO s.r.o.Copyright (c) 2015 Okhotnikov KirillCopyright (c) 2010 Nokia Corporation and/or its subsidiary(-ies)Copyright (c) 2013 Marek KubicaCopyright (c) 2008 Anselm StraussCopyright (c) 1989, 1990, 1993 The Regents of the University of CaliforniaCopyright (c) 2012-2014, Yann ColletCopyright (c) 2005, Aleksey Kravchenko <rhash.admin@gmail.com>Copyright (c) 2011, Aleksey Kravchenko <rhash.admin@gmail.com>Copyright (c) 2008, Aleksey Kravchenko <rhash.admin@gmail.com>Copyright (c) 2007, Aleksey Kravchenko <rhash.admin@gmail.com>Copyright (c) 2010, Aleksey Kravchenko <rhash.admin@gmail.com>Copyright (c) 2013, Aleksey Kravchenko <rhash.admin@gmail.com>Copyright (c) 2015-present libuv project contributorsCopyright (c) Joyent, Inc. and other Node contributorscopyright (c) Niels Provos. Twocopyright (c) the Internet Systems Consortium, Inc.copyright (c) Alexander Chemeris. Threecopyright (c) Google Inc. and Sony Mobile Communications AB.Copyright (c) libuv project contributorsCopyright (c) 2006-2008 Alexander ChemerisCopyright (c) 2002 Niels Provos <provos@citi.umich.edu>Copyright (c) 2013, Ben Noordhuis <info@bnoordhuis.nl>Copyright (c) 2011, 2018 Ben Noordhuis <info@bnoordhuis.nl>Copyright (c) 2004 by Internet Systems Consortium, Inc.Copyright (c) 1996-1999 by Internet Software ConsortiumCopyright (c) 2013, Sony Mobile Communications ABCopyright (c) 2012, Google Inc.Copyright (c) the libuv project contributorsCopyright (c) 2012, 2014, 2015, 2016 Tatsuhiro TsujikawaCopyright (c) 2012, 2014, 2015, 2016 nghttp2 contributorsCopyright (c) 2014 Tatsuhiro TsujikawaCopyright (c) 2016 Tatsuhiro TsujikawaCopyright (c) 2013 Tatsuhiro TsujikawaCopyright (c) 2012 Tatsuhiro TsujikawaCopyright (c) 2015 Tatsuhiro TsujikawaCopyright (c) 2012, 2013 Tatsuhiro TsujikawaCopyright (c) 2013, 2014 Tatsuhiro TsujikawaCopyright (c) 1990-1992 by Eberhard MattesCopyright (c) Microsoft CorporationCopyright (c) 1995-2011, 2016 Mark AdlerCopyright (c) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark AdlerCopyright (c) 1995-2022 Jean-loup Gailly and Mark AdlerCopyright (c) 1995-2022 Mark AdlerCopyright (c) 1995-2022 Jean-loup Gailly and Mark AdlerCopyright (c) 1995-2018 Jean-loup GaillyCopyright (c) 2004, 2010 Mark AdlerCopyright (c) 2004-2019 Mark AdlerCopyright (c) 2004-2017 Mark AdlerCopyright (c) 1995-2017 Mark AdlerCopyright (c) 1995-2003, 2010 Mark AdlerCopyright (c) 1995-2019 Mark AdlerCopyright (c) 1995-2022 Mark AdlerCopyright (c) 1995-2005, 2010 Mark AdlerCopyright (c) 1995-2022 Jean-loup Gailly and Mark AdlerCopyright (c) 1995-2021 Jean-loup GaillyCopyright (c) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark AdlerCopyright (c) 1995-2016 Jean-loup Gailly, Mark AdlerCopyright (c) 1995-2017 Jean-loup GaillyCopyright (c) 1995-2022 Jean-loup Gailly, Mark AdlerCopyright (c) 2016-present, Facebook, Inc.Copyright (c) Yann Collet, Facebook, Inc.Copyright (c) Facebook, Inc.Copyright (c) 2016 Tino ReichardtCopyright (c) Przemyslaw Skibinski, Yann Collet, Facebook, Inc.Copyright (c) 2003-2008 Yuta MoriCopyright (c) 2010-2018 Kitware, Inc.Copyright (c) 2015-2017 Kitware, Inc.Copyright (c) 2015-2016 Kitware, Inc.

**License:** BSD 3-Clause License

Please see above

**Software:** combined-stream 1.0.8

**Copyright notice:**

Copyright (c) 2011 Debuggable Limited <felix@debuggable.com>

**License:** MIT License

Please see above

**Software:** common-annotations-api 1.3.5

**Copyright notice:**

Copyright (c) 2019 Eclipse Foundation."Copyright (c) 2018 Eclipse Foundation. This software orCopyright (c) 2005, 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2012, 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2009, 2018 Oracle and/or its affiliates. All rights reserved.Copyright (C) 1989, 1991 Free Software Foundation, Inc."copyright" line and a pointer to where the full notice is found.Copyright (c) 2012, 2019 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2019 Contributors to the Eclipse Foundation.

**License:** Eclipse Public License(EPL) V2.0

Eclipse Public License - v 2.0 THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.1. DEFINITIONS"Contribution" means: a) in the case of the initial Contributor, the initial content Distributed under this Agreement, and b) in the case of each subsequent Contributor: i) changes to the Program, and ii) additions to the Program; where such changes and/or additions to the Program originate from and are Distributed by that particular Contributor. A Contribution "originates" from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include changes or additions to the Program that are not Modified Works."Contributor" means any person or entity that Distributes the Program."Licensed Patents" mean patent claims licensable by a Contributor whichare necessarily infringed by the use or sale of its Contribution aloneor when combined with the Program."Program" means the Contributions Distributed in accordance with thisAgreement."Recipient" means anyone who receives the Program under this Agreementor any Secondary License (as applicable), including Contributors."Derivative Works" shall mean any work, whether in Source Code or otherform, that is based on (or derived from) the Program and for which theeditorial revisions, annotations, elaborations, or other modificationsrepresent, as a whole, an original work of authorship."Modified Works" shall mean any work in Source Code or other form thatresults from an addition to, deletion from, or modification of thecontents of the Program, including, for purposes of clarity any new filein Source Code form that contains any contents of the Program. ModifiedWorks shall not include works that contain only declarations,interfaces, types, classes, structures, or files of the Program solelyin each case in order to link to, bind by name, or subclass the Programor Modified Works thereof."Distribute" means the acts of a) distributing or b) making availablein any manner that enables the transfer of a copy."Source Code" means the form of a Program preferred for makingmodifications, including but not limited to software source code,documentation source, and configuration files."Secondary License" means either the GNU General Public License,Version 2.0, or any later versions of that license, including anyexceptions or additional permissions as identified by the initialContributor.2. GRANT OF RIGHTS a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works. b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder. c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program. d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement. e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).3. REQUIREMENTS3.1 If a Contributor Distributes the Program in any form, then: a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license: i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose; ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits; iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.3.2 When the Program is Distributed as Source Code: a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and b) a copy of this Agreement must be included with each copy of the Program.3.3 Contributors may not remove or alter any copyright, patent,trademark, attribution notices, disclaimers of warranty, or limitationsof liability ("notices") contained within the Program from any copy ofthe Program which they Distribute, provided that Contributors may addtheir own appropriate notices.4. COMMERCIAL DISTRIBUTIONCommercial distributors of software may accept certain responsibilitieswith respect to end users, business partners and the like. While thislicense is intended to facilitate the commercial use of the Program,the Contributor who includes the Program in a commercial productoffering should do so in a manner which does not create potentialliability for other Contributors. Therefore, if a Contributor includesthe Program in a commercial product offering, such Contributor("Commercial Contributor") hereby agrees to defend and indemnify everyother Contributor ("Indemnified Contributor") against any losses,damages and costs (collectively "Losses") arising from claims, lawsuitsand other legal actions brought by a third party against the IndemnifiedContributor to the extent caused by the acts or omissions of suchCommercial Contributor in connection with its distribution of the Programin a commercial product offering. The obligations in this section do notapply to any claims or Losses relating to any actual or allegedintellectual property infringement. In order to qualify, an IndemnifiedContributor must: a) promptly notify the Commercial Contributor inwriting of such claim, and b) allow the Commercial Contributor to control,and cooperate with the Commercial Contributor in, the defense and anyrelated settlement negotiations. The Indemnified Contributor mayparticipate in any such claim at its own expense.For example, a Contributor might include the Program in a commercialproduct offering, Product X. That Contributor is then a CommercialContributor. If that Commercial Contributor then makes performanceclaims, or offers warranties related to Product X, those performanceclaims and warranties are such Commercial Contributor's responsibilityalone. Under this section, the Commercial Contributor would have todefend claims against the other Contributors related to those performanceclaims and warranties, and if a court requires any other Contributor topay any damages as a result, the Commercial Contributor must paythose damages.5. NO WARRANTYEXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENTPERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS ORIMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OFTITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULARPURPOSE. Each Recipient is solely responsible for determining theappropriateness of using and distributing the Program and assumes allrisks associated with its exercise of rights under this Agreement,including but not limited to the risks and costs of program errors,compliance with applicable laws, damage to or loss of data, programsor equipment, and unavailability or interruption of operations.6. DISCLAIMER OF LIABILITYEXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENTPERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORSSHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOSTPROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER INCONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THEEXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THEPOSSIBILITY OF SUCH DAMAGES.7. GENERALIf any provision of this Agreement is invalid or unenforceable underapplicable law, it shall not affect the validity or enforceability ofthe remainder of the terms of this Agreement, and without furtheraction by the parties hereto, such provision shall be reformed to theminimum extent necessary to make such provision valid and enforceable.If Recipient institutes patent litigation against any entity(including a cross-claim or counterclaim in a lawsuit) alleging that theProgram itself (excluding combinations of the Program with other softwareor hardware) infringes such Recipient's patent(s), then such Recipient'srights granted under Section 2(b) shall terminate as of the date suchlitigation is filed.All Recipient's rights under this Agreement shall terminate if itfails to comply with any of the material terms or conditions of thisAgreement and does not cure such failure in a reasonable period oftime after becoming aware of such noncompliance. If all Recipient'srights under this Agreement terminate, Recipient agrees to cease useand distribution of the Program as soon as reasonably practicable.However, Recipient's obligations under this Agreement and any licensesgranted by Recipient relating to the Program shall continue and survive.Everyone is permitted to copy and distribute copies of this Agreement,but in order to avoid inconsistency the Agreement is copyrighted andmay only be modified in the following manner. The Agreement Stewardreserves the right to publish new versions (including revisions) ofthis Agreement from time to time. No one other than the AgreementSteward has the right to modify this Agreement. The Eclipse Foundationis the initial Agreement Steward. The Eclipse Foundation may assign theresponsibility to serve as the Agreement Steward to a suitable separateentity. Each new version of the Agreement will be given a distinguishingversion number. The Program (including Contributions) may always beDistributed subject to the version of the Agreement under which it wasreceived. In addition, after a new version of the Agreement is published,Contributor may elect to Distribute the Program (including itsContributions) under the new version.Except as expressly stated in Sections 2(a) and 2(b) above, Recipientreceives no rights or licenses to the intellectual property of anyContributor under this Agreement, whether expressly, by implication,estoppel or otherwise. All rights in the Program not expressly grantedunder this Agreement are reserved. Nothing in this Agreement is intendedto be enforceable by any entity that is not a Contributor or Recipient.No third-party beneficiary rights are created under this Agreement.Exhibit A - Form of Secondary Licenses Notice"This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),version(s), and exceptions or additional permissions here}." Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses. If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice. You may add additional accurate notices of copyright ownership.

**Software:** components 16.2.3

**Copyright notice:**

Copyright Google LLC All Rights ReservedCopyright (c) 2023 Google LLC.

**License:** MIT License

Please see above

**Software:** concat-stream 2.0.0

**Copyright notice:**

Copyright (c) 2013 Max Ogden

**License:** MIT License

Please see above

**Software:** ConfigSpace 0.7.1

**Copyright notice:**

Copyright (c) 2014-2021, ConfigSpace developers Matthias Feurer Katharina EggenspergerCopyright (c) 2010-2012 by Aric Hagberg <hagberg@lanl.gov> Dan Schult <dschult@colgate.edu>Copyright (c) 2014-2016, ConfigSpace developers Matthias Feurer Katharina EggenspergerCopyright (c) 2004-2011 by Aric Hagberg <hagberg@lanl.gov> Dan Schult <dschult@colgate.edu>Copyright (c) 2004-2014, NetworkX Developers Aric Hagberg <hagberg@lanl.gov> Dan Schult <dschult@colgate.edu>Copyright (c) 2006-2011 by Aric Hagberg <hagberg@lanl.gov> Dan Schult <dschult@colgate.edu>Copyright (c) 2004-2010 by Aric Hagberg <hagberg@lanl.gov> Dan Schult <dschult@colgate.edu>

**License:** BSD 3-Clause License

Please see above

**Software:** content-disposition 0.5.4

**Copyright notice:**

Copyright (c) 2014-2017 Douglas Christopher Wilson

**License:** MIT License

Please see above

**Software:** content-type 1.0.4

**Copyright notice:**

Copyright(c) 2015 Douglas Christopher WilsonCopyright (c) 2015 Douglas Christopher Wilson

**License:** MIT License

Please see above

**Software:** cookie-signature 1.0.6

**Copyright notice:**

Copyright (c) 2012 LearnBoost <tj@learnboost.com>

**License:** MIT License

Please see above

**Software:** core-js 3.32.1

**Copyright notice:**

Copyright (c) 2014-2023 Denis Pushkarev© 2014-2023 Denis Pushkarev (zloirock.ru)

**License:** MIT License

Please see above

**Software:** cryptography 42.0.5

**Copyright notice:**

Copyright (c) 2005-2020, NumPy Developers. All rights reservedCopyright (c) Individual contributors. All rights reserved

**License:** Apache License V2.0

Please see above

**Software:** csstype 3.1.3

**Copyright notice:**

Copyright (c) 2017-2018 Fredrik Nicol

**License:** MIT License

Please see above

**Software:** d3 7.8.2

**Copyright notice:**

Copyright 2010-2023 Mike Bostock

**License:** ISC License

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

**Software:** d3-array 3.2.4

**Copyright notice:**

(C) Copyright 1997,2004 International Business Machines Corporation.(C) Copyright IBM Corp. 2003.Copyright 2002 JSON.org.Copyright 2001-2003 (c) World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)Copyright 2006-2009 James Murty.copyright (c) 1999, IBM Corporation., http:www.ibm.com.copyright (c) 1999, Sun Microsystems., http:www.sun.com. - voluntary contributions made by Paul Eng on behalf of the Apache Software Foundation that were originally developed at iClick, Inc.,copyright (c) 2000-2003, BEA Systems, <http:www.bea.com/>.Copyright (C)Copyright (C) 1989, 1991 Free Software Foundation, Inc.Copyright (C) 1989, 1991 Free Software Foundation, Inc. 59 Temple Place, Suite 330, Boston, MA 02111-1307 USACopyright (C) 1997 - 2002, Makoto Matsumoto and Takuji Nishimura,Copyright (C) 1997 - 2002, Makoto Matsumoto and Takuji Nishimura, All rights reservedCopyright (C) 1999, 2000, 2002 Aladdin Enterprises.Copyright (C) 1999-2017, QOS.ch.Copyright (C) 2000-2012 Jason Hunter & Brett McLaughlin.Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org).Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>Copyright (C) 2006-2007 Valek Filippov (frob@df.ru)Copyright (C) 2008-2016, SpryMedia Ltd.Copyright (C) 2011-2014, Yann Collet.Copyright (c) 1992-2008 The University of Tennessee.Copyright (c) 1995-2000 by the Hypersonic SQL Group.Copyright (c) 1997, PostgreSQL Global Development GroupCopyright (c) 1998-2011, Brian Wellington.Copyright (c) 1999-2009, OW2 Consortium <http:www.ow2.org/>Copyright (c) 1999-2009, OW2 Consortium <https:www.ow2.org/>Copyright (c) 2000-2003, BEA Systems, <http:www.bea.com/> (dead link), which was acquired by Oracle Corporation in 2008.Copyright (c) 2000-2006, www.hamcrest.orgCopyright (c) 2000-2011 INRIA, France TelecomCopyright (c) 2001-2016, Arno UnkrigCopyright (c) 2001-2016, The HSQL Development GroupCopyright (c) 2002,2003, Stefan Haustein, Oberhausen, Rhld., Germany.Copyright (c) 2002-2006, Marc Prud'hommeaux <mwp1@cornell.edu>Copyright (c) 2002-2022 Pivotal, Inc.Copyright (c) 2004, Drew Davidson and Luke BlanshardCopyright (c) 2004, Ernst HairerCopyright (c) 2004-2007 QOS.chCopyright (c) 2004-2013 QOS.chCopyright (c) 2004-2017 QOS.chCopyright (c) 2005 Brian Goetz and Tim Peierls.Copyright (c) 2005 Brian Goetz and Tim Peierls. See http:www.jcip.netCopyright (c) 2005, Graph BuilderCopyright (c) 2006 Paul Hammant & ThoughtWorks IncCopyright (c) 2007 Thomas Porschberg <thomas@randspringer.de>Copyright (c) 2007-present, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2009 The Go Authors.Copyright (c) 2009 codehaus.org.Copyright (c) 2009-2014 FedICT (federal ICT department of Belgium), e-Contract.be BVBA (https:www.e-contract.be), Bart Hanssens from FedICTCopyright (c) 2009-2018, Barthelemy Dagenais and individual contributors.Copyright (c) 2010 - 2021 The OSHI Project Contributors: https:github.com/oshi/oshi/graphs/contributorsCopyright (c) 2010 Aleksander WilliamsCopyright (c) 2010-2020 Nathan RajlichCopyright (c) 2011 FuseSource Corp.Copyright (c) 2011 The LevelDB Authors.Copyright (c) 2012, 2013, 2014 Gil TeneCopyright (c) 2012-2019, Javolution (http://javolution.org/)Copyright (c) 2013-2014 Rico Sta. CruzCopyright (c) 2013-present Evan YouCopyright (c) 2014 Ivan BozhanovCopyright (c) 2014, Nathan LaFreniere and other contributorsCopyright (c) 2014, The Fira Code Project Authors (https:github.com/tonsky/FiraCode)Copyright (c) 2014-2022 Anthon van der Neut, Ruamel bvbaCopyright (c) 2014-present Matt ZabriskieCopyright (c) 2015 InbotCopyright (c) 2015-2016 TIBCO Software Inc.Copyright (c) 2016 - present Microsoft CorporationCopyright (c) 2016 kazuya kawaguchiCopyright (c) 2016, Google Inc.Copyright (c) 2016-2020 The Inter Project Authors.Copyright (c) 2017 Toru NagashimaCopyright (c) 2017, 2018 Oracle and/or its affiliates.Copyright (c) 2017, 2018, 2019, 2020, 2021, 2022 Simon Lydell and contributorsCopyright (c) 2018 Alipay.incCopyright (c) 2018 Brody McKeeCopyright (c) 2018 Copyright 2018 Klaus Hartl, Fagner Brack, GitHub ContributorsCopyright (c) 2018 Oracle and/or its affiliates.Copyright (c) 2018-present, Yuxi (Evan) YouCopyright (c) 2019-PRESENT Anthony Fu<https:github.com/antfu>Copyright (c) 2019-present Eduardo San Martin MoroteCopyright (c) 2019-present, Yuxi (Evan) You and Vite contributorsCopyright (c) 2020-present, VbenCopyright (c) 2021 Sacha 'PraZ' Bouillez <https:github.com/prazdevs>Copyright (c) 2021 Sasha Koss and Lesha Koss https:kossnocorp.mit-license.orgCopyright (c) 2021 TuSimpleCopyright (c) 2021-2022 Alipay.incCopyright (c) 2021-present Johnson ChuCopyright (c) Microsoft Corporation.Copyright (c) OSGi Alliance (2000, 2007).Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https:sindresorhus.com)Copyright 1995-2016 Mort Bay Consulting Pty Ltd.Copyright 1995-2018 Mort Bay Consulting Pty Ltd.Copyright 1998-2008 The OpenLDAP FoundationCopyright 1999-2005 The Apache Software FoundationCopyright 1999-2007 The Apache Software FoundationCopyright 1999-2017 Apache Software FoundationCopyright 1999-2018 Alibaba Group Holding Ltd.Copyright 1999-2021 Alibaba Group Holding Ltd.Copyright 2001-2007 The Apache Software FoundationCopyright 2001-2012 The Apache Software FoundationCopyright 2001-2016 The Apache Software FoundationCopyright 2002 Niels Provos <provos@citi.umich.edu>Copyright 2002-2010 the original author or authorsCopyright 2002-2011 The Apache Software FoundationCopyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris BeamsCopyright 2002-2020 The Apache Software FoundationCopyright 2003-2006 Greg LuckCopyright 2003-2013 The Apache Software FoundationCopyright 2003-2020 The Apache Software FoundationCopyright 2004 Jason Paul KitchenCopyright 2004-2018 The Apache Software FoundationCopyright 2004-2020 the original author or authors.Copyright 2004-present by the Checker Framework developersCopyright 2005-2006 Tim FennellCopyright 2005-2015 The Apache Software FoundationCopyright 2006-2011 Google, Inc.Copyright 2006-2019 Joe Walnes, Henri Tremblay, Leonardo MesquitaCopyright 2008 The Apache Software FoundationCopyright 2008,2009,2010 Massachusetts Institute of Technology.Copyright 2008-2008 DataNucleusCopyright 2008-2013 DataNucleusCopyright 2009 David Yu dyuproject@gmail.comCopyright 2009-2014 The Apache Software FoundationCopyright 2010 Adam GentCopyright 2010 CS Systèmes d'InformationCopyright 2010 The Apache Software FoundationCopyright 2010 Wallace WadgeCopyright 2010-2012 Amazon.com, Inc. or its affiliates. All Rights Reserved.Copyright 2010-2012 CS Systèmes d'InformationCopyright 2010-2012 Twitter, Inc.Copyright 2010-2013Copyright 2011 Dain Sundstrom <dain@iq80.com>Copyright 2011 FuseSource Corp. http://fusesource.comCopyright 2011, Google Inc.Copyright 2011-2017 The Apache Software FoundationCopyright 2011-2019 hubin.Copyright 2012-2017 Gunnar Morling (http:www.gunnarmorling.de/)Copyright 2013 ARRIS, Inc.Copyright 2013 Google LLCCopyright 2013 Lukas Nalezenec.Copyright 2013 The Apache Software FoundationCopyright 2014 - 2019 Rafael WinterhalterCopyright 2014 PalletsCopyright 2014 The Apache Software FoundationCopyright 2014 The Netty ProjectCopyright 2014 The gRPC AuthorsCopyright 2014, Google Inc.Copyright 2015-2015 DataNucleusCopyright 2016 SmartBear SoftwareCopyright 2016 YANDEX LLCCopyright 2017 JaywayCopyright 2017 Remko PopmaCopyright 2017 小明Copyright 2018 CoreOS, IncCopyright 2019 Google LLCCopyright 2019-2022 The Apache Software FoundationCopyright © 2003-2009 SciPy Developers.Copyright © 2017 Andres Suarez and Teddy KatzCopyright © 2017 IBM Corp. with Reserved Font Name "Plex"Copyright © 2018 Marnus WeststrateCopyright(c) 2016 Microsoft CorporationPortions Copyright (c) 1992-1996 Regents of the University of Michigan.Portions Copyright (c) 2001-2011 Vladimir LysyyPortions Copyright 1998-2003 Hallvard B. Furuseth.Portions Copyright 1998-2006 Net Boolean Incorporated.Portions Copyright 1998-2008 Kurt D. Zeilenga.Portions Copyright 1999-2007 Howard Y.H. Chu.Portions Copyright 1999-2007 Symas Corporation.Portions Copyright 2001-2006 IBM Corporation.Portions Copyright 2007 Gavin HenryPortions Copyright 2007 Suretec SystemsPortions created by are Copyright (C) . All Rights Reserved.Copyright 2001-2003 (c) World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.Copyright (c) 1995-2008 International Business Machines Corporation and otherscopyright (C) 1996-2019 Julian R Seward.Copyright (C) 2009 Free Software Foundation, Inc.Copyright (c) 1999-2003 Apache Software Foundationcopyright 2009 by www.imdict.net.﻿Copyright (c) 2001-2022 Anders Moeller﻿Copyright (c) 2005, European Commission project OneLab under contract﻿Copyright (c) 2009-2018, Barthelemy Dagenais and individual contributors.

**License:** ISC License

Please see above

**Software:** d3-axis 3.0.0

**Copyright notice:**

Copyright 2010-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-brush 3.0.0

**Copyright notice:**

Copyright 2010-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-chord 3.0.1

**Copyright notice:**

Copyright 2010-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-color 3.1.0

**Copyright notice:**

Copyright 2010-2022 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-contour 4.0.2

**Copyright notice:**

Copyright 2012-2023 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-delaunay 6.0.2

**Copyright notice:**

Copyright 2018-2021 Observable, Inc.Copyright 2021 Mapbox

**License:** ISC License

Please see above

**Software:** d3-delaunay 6.0.4

**Copyright notice:**

Copyright 2018-2021 Observable, Inc.Copyright 2021 Mapbox

**License:** ISC License

Please see above

**Software:** d3-dispatch 3.0.1

**Copyright notice:**

Copyright 2010-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-drag 3.0.0

**Copyright notice:**

Copyright 2010-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-dsv 3.0.1

**Copyright notice:**

Copyright 2013-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-ease 3.0.1

**Copyright notice:**

Copyright 2010-2021 Mike BostockCopyright 2001 Robert Penner

**License:** BSD 3-Clause License

Please see above

**Software:** d3-fetch 3.0.1

**Copyright notice:**

Copyright 2016-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-force 3.0.0

**Copyright notice:**

Copyright 2010-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-format 3.1.0

**Copyright notice:**

Copyright 2010-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-geo 3.1.0

**Copyright notice:**

Copyright 2010-2022 Mike BostockCopyright 2008-2012 Charles Karney

**License:** ISC License

Please see above

**Software:** d3-hierarchy 3.1.2

**Copyright notice:**

Copyright 2010-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-interpolate 3.0.1

**Copyright notice:**

Copyright 2010-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-path 3.1.0

**Copyright notice:**

Copyright 2015-2022 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-polygon 3.0.1

**Copyright notice:**

Copyright 2010-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-quadtree 3.0.1

**Copyright notice:**

Copyright 2010-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-random 3.0.1

**Copyright notice:**

Copyright 2010-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-scale 4.0.2

**Copyright notice:**

Copyright 2010-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-scale-chromatic 3.0.0

**Copyright notice:**

Copyright 2010-2021 Mike BostockCopyright 2002 Cynthia Brewer, Mark Harrower, and The Pennsylvania State University

**License:** BSD 3-Clause License

Please see above

**Software:** d3-selection 3.0.0

**Copyright notice:**

Copyright 2010-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-shape 3.2.0

**Copyright notice:**

Copyright 2010-2022 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-time 3.1.0

**Copyright notice:**

Copyright 2010-2022 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-time-format 4.1.0

**Copyright notice:**

Copyright 2010-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-timer 3.0.1

**Copyright notice:**

Copyright 2010-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-transition 3.0.1

**Copyright notice:**

Copyright 2010-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** d3-zoom 3.0.0

**Copyright notice:**

Copyright 2010-2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** dask 2023.8.0

**Copyright notice:**

Copyright 2002 Gary Strangman. All rights reservedCopyright (c) 2005-2015, NumPy Developers. All rights reservedCopyright 2002-2016 The SciPy DevelopersCopyright (c) 2014, Anaconda, Inc. and contributors All rights reserved

**License:** BSD 3-Clause License

Please see above

**Software:** dask/distributed 2023.8.0

**Copyright notice:**

Copyright (c) 2015, Anaconda, Inc. and contributors All rights reservedCopyright (c) 2010-2012, Joe WalnesCopyright 2001-2016 Python Software Foundation All Rights ReservedCopyright 2009 Brian Quinlan. All Rights Reserved(c) 2019 Julian Garnier

**License:** BSD 3-Clause License

Please see above

**Software:** date-format 4.0.14

**Copyright notice:**

Copyright (c) 2013 Gareth Jones

**License:** MIT License

Please see above

**Software:** dayjs 1.11.9

**Copyright notice:**

Copyright (c) 2018-present, iamkunАвторское право (c) с 2018 года по настоящее время, iamkun

**License:** MIT License

Please see above

**Software:** debug-js/debug 2.6.9

**Copyright notice:**

Copyright (c) 2014 TJ Holowaychuk <tj@vision-media.ca>Copyright (c) 2014-2016 TJ Holowaychuk <tj@vision-media.ca>

**License:** MIT License

Please see above

**Software:** debug-js/debug 4.3.4

**Copyright notice:**

Copyright (c) 2014-2017 TJ Holowaychuk <tj@vision-media.ca>Copyright (c) 2018-2021 Josh Junon

**License:** MIT License

Please see above

**Software:** delaunator 5.0.0

**Copyright notice:**

Copyright (c) 2017, Mapbox

**License:** ISC License

Please see above

**Software:** delayed-stream 1.0.0

**Copyright notice:**

Copyright (c) 2011 Debuggable Limited <felix@debuggable.com>

**License:** MIT License

Please see above

**Software:** destroy 1.2.0

**Copyright notice:**

Copyright (c) 2014 Jonathan OngCopyright (c) 2015-2022 Douglas Christopher WilsonCopyright (c) 2014 Jonathan Ong me@jongleberry.comCopyright (c) 2015-2022 Douglas Christopher Wilson doug@somethingdoug.com

**License:** MIT License

Please see above

**Software:** Django 4.2.11

**Copyright notice:**

Copyright (c) 2001-present Python Software Foundation All Rights ReservedCopyright (c) 2007-2009, Justin Bronn All rights reservedCopyright OpenJS Foundation and other contributorsCopyright (c) 2010 Gary Wilson Jr. <gary.wilson@gmail.com> and contributors(c) 2007-2017 Steven LevithanCopyright (c) 2008-2009 Aryeh Leib Taurog, all rights reserved(c) 2010-2017 Steven LevithanCopyright (c) 2008, Yahoo! Inc. All rights reservedCopyright JS Foundation and other contributors(c) 2012-2017 Steven LevithanCopyright (c) 2002 Drew Perttula. All rights reserved(c) 2008-2017 Steven LevithanCopyright (c) 2009 Oyvind Sean Kinsey, oyvind@kinsey.no(c) OpenJS Foundation and other contributorsCopyright (c) 2008-2009 Aryeh Leib Taurog, http://www.aryehleib.com All rights reservedCopyright (c) 1991 - 1995, Stichting Mathematisch Centrum Amsterdam, The Netherlands. All rights reservedCopyright (c) 2010 Guilherme Gondim. All rights reservedCopyright (c) 2007-2017 Steven Levithan <http://xregexp.com/>Copyright OpenJS Foundation and other contributors, https://openjsf.orgCopyright (c) 2007-2009 Justin Bronn All rights reserved(c) 2009-2017 Steven LevithanCOPYRIGHT Django Software Foundation and contributorscopyright Python (Monty) PicturesCopyright (c) 2012-2017 Kevin Brown, Igor Vaynberg, and Select2 contributorsCopyright (c) 2009 Simon Willison. All rights reservedCopyright (c) Django Software Foundation and individual contributors. All rights reservedCopyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022 Python Software Foundation All Rights ReservedCopyright (c) 2001-2003, Patrick K. O'Brien and Contributors All rights reservedCopyright jQuery Foundation and other contributorsCopyright (c) 2009, Stanislaus Madueke All rights reservedCopyright (c) 2007, Robert Coup <robert.coup@onetrackmind.co.nz> All rights reservedCopyright (c) 2007, Sally Smith Hard-codedCopyright (c) 2014 Code Charm LtdCopyright (c) 1995-2001 Corporation

**License:** BSD 3-Clause License

Please see above

**Software:** djangorestframework 3.14.0

**Copyright notice:**

Copyright (c) 2011-present, Encode OSS Ltd (https://www.encode.io/)Copyright 2012 Twitter, IncCopyright 2012 Twitter, Inc. http://www.apache.org/licenses/LICENSE-2.0.txtCopyright (c) 2011-2016 Twitter, Inc.Copyright (c) 2014 bazh. (https://github.com/bazh)Copyright 2011-2019 Encode OSS LtdCopyright 2011-2019 Twitter, Inc.(c) Vasily Polovnyov <vast@whiteants.net>(c) JS Foundation and other contributors

**License:** BSD 3-Clause License

Please see above

**Software:** druid 1.2.20

**Copyright notice:**

Copyright 2015 the original author or authors.Copyright (c) 2004-2018 All Rights Reserved.Copyright (c) 2004-2019 All Rights Reserved.Copyright 1999-2011 Alibaba Group Holding Ltd.Copyright 1999-2017 Alibaba Group Holding Ltd.Copyright 1999-2018 Alibaba Group Holding Ltd.Copyright 1999-2020 Alibaba Group Holding Ltd.Copyright 1999-2021 Alibaba Group Holding Ltd.Copyright 1999-2023 Alibaba Group Holding Ltd.Copyright 2007-present the original author or authors.Copyright 2011-2021 The Bootstrap AuthorsCopyright 2011-2021 Twitter, Inc.Copyright 2012 Twitter, Inc Licensed under the Apache License v2.0Copyright 2012 Twitter, Inc.Copyright 2012-2019 the original author or authors.Copyright 2013 Alibaba Group Holding Ltd.Copyright 2014 Alibaba.com All right reserved.Copyright 2015 the original author or authors.Copyright 2016 the original author or authors.Copyright © 2015-2021 the original authors.Copyright 1999-2011 Alibaba Group Holding Ltd.

**License:** Apache License V2.0

Please see above

**Software:** dyninst 10.1.0

**Copyright notice:**

Copyright (c) 1996-2011 Barton P. MillerCopyright (c) 2005, 2006, 2007, Regents of the University of CaliforniaCopyright (C) 1999-2006 Takeshi KannoCopyright (C) 2007-2008 Antony DovgalCopyright (c) 2003-2008, Terence ParrBill Williams <bill@follis.cs.wisc.edu>, (C) 2010Copyright (c) 2015 Microsoft Corporation. All rights reserved.Copyright Microsoft Corporation. All Rights Reserved.Copyright (C) 2015 Alin MindrocCopyright (C) 1984, 1989-1990, 2000-2015 Free Software Foundation, Inc.Copyright 2011,2012 Rolf Eike Beer <eike@sf-mail.de>Copyright 2012 Andreas WeisCopyright 2012-2016 Sascha KratkyCopyright (c) 2005, 2006, 2007, Regents of the University of California(C) Copyright IBM Corp. 2004, 2009(C) Copyright IBM Corp. 2011, 2011Copyright (c) 2006 Alexander ChemerisCopyright (c) 2006-2008 Alexander ChemerisCopyright (c) 2012-2013, Lawrence Livermore National Security, LLC. Produced atCopyright (C) 1991, 1999 Free Software Foundation, Inc.

**License:** LGPL V2.0

GNU Library General Public LicenseVersion 2, June 1991Copyright (C) 1991 Free Software Foundation, Inc.59 Temple Place, Suite 330, Boston, MA 02111-1307 USAEveryone is permitted to copy and distribute verbatim copiesof this license document, but changing it is not allowed.[This is the first released version of the Library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]PreambleThe licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to other libraries whose authors who decide to use it. You can use it for your libraries too.When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license, which gives you legal permission to copy, distribute and/or modify the library.Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:a) The modified work must itself be a software library.b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.This option is useful when you wish to copy part of the code of the Library into a program that is not a library.4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.NO WARRANTY15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.END OF TERMS AND CONDITIONSHow to Apply These Terms to Your New LibrariesIf you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.one line to give the library's name and an idea of what it does.Copyright (C) year name of authorThis library is free software; you can redistribute it and/ormodify it under the terms of the GNU Library General PublicLicense as published by the Free Software Foundation; eitherversion 2 of the License, or (at your option) any later version.This library is distributed in the hope that it will be useful,but WITHOUT ANY WARRANTY; without even the implied warranty ofMERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNULibrary General Public License for more details.You should have received a copy of the GNU Library General PublicLicense along with this library; if not, write to the Free SoftwareFoundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USAAlso add information on how to contact you by electronic and paper mail.You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:Yoyodyne, Inc., hereby disclaims all copyright interest inthe library `Frob' (a library for tweaking knobs) writtenby James Random Hacker.signature of Ty Coon, 1 April 1990Ty Coon, President of ViceThat's all there is to it!

**Software:** echarts 5.4.3

**Copyright notice:**

Copyright 2017-2023 The Apache Software FoundationCopyright (c) Microsoft CorporationCopyright 2011 Data Arts Team, Google Creative Lab(c) 2005, 2015 jQuery Foundation, Inc.Copyright (c) 2013, Baidu Inc. All rights reservedCopyright (c) Paul Johnston 1999 - 2009 Other contributors Greg Holt, Andrew Kepert, Ydnar, Lostinet(c) 2016 Fractal DesignCopyright 2010-2016 Mike Bostock All rights reservedCopyright 2015 Platfora, Inc.Copyright 2011, Sebastian Tschan https://blueimp.net

**License:** Apache License V2.0

Please see above

**Software:** Eclipse AspectJ 1.9.7

**Copyright notice:**

Copyright 2007-present the original author or authorsCopyright (c) 1999-2001 Xerox Corporation, 2002 Palo Alto Research Center, Incorporated (PARC)Copyright (c) 2007 ContributorsCopyright (c) 2002 Palo Alto Research Center, IncorporatedCopyright (c) 2002 Palo Alto Research Center, Incorporated (PARC)Copyright (c) 2004 IBM Corporation and othersCopyright (c) 2002 Palo Alto Research Center IncorporatedCopyright (c) 2001-2002 Palo Alto Research Center Incorporated(c) Copyright 2001 MyCorporationCopyright (c) Xerox Corporation 1998-2002Copyright (c) 2004 ContributorsCopyright (c) 2003 ContributorsCopyright (c) 2005 ContributorsCopyright (c) 2019 ContributorsCopyright (c) 2006 ContributorsCopyright (c) 2003,2010 Contributors(c) Copyright 1999-2001 Xerox Corporation, 2002 Palo Alto Research Center, IncorporatedCopyright (c) 2001 The Apache Software FoundationCopyright (c) 2004 IBM CorporationCopyright (c) 2017 The Apache Software FoundationCopyright (c) 2013 VMwareCopyright (c) 2016-17 The Apache Software FoundationCopyright (c) 2004 IBMCopyright (c) 2004, 2013 IBM CorporationCopyright (c) 2004, 2013 IBM, VMwareCopyright (c) 2002 ContributorsCopyright (c) 2001, 2017 The Apache Software FoundationCopyright (c) 2004 - 2016 IBM, VMware, ContributorsCopyright (c) 2018 ContributorsCopyright (c) 2016-2017 Contributors(c) 2001-2002. <http://bcel.sourceforge.net> <http://jakarta.apache.org/bcel>Copyright (c) 2002 The Apache Software FoundationCopyright (c) 2006 IBM Corporation and othersCopyright (c) 2003 Palo Alto Research Center, Incorporated (PARC)Copyright (c) 1998-2001 Xerox Corporation, 2002 Palo Alto Research Center, Incorporated (PARC)Copyright (c) 2005-2012 ContributorsCopyright (c) 2003, 2005 ContributorsCopyright (c) 1998-2001 Xerox Corporation, 2002 Palo Alto Research Center, Incorporated, 2003-2008 ContributorsCopyright (c) 2003-2005 ContributorsCopyright (c) 2000-2001 Xerox Corporation, 2002 Palo Alto Research Center, Incorporated (PARC)Copyright (c) 1999-2001 Xerox Corporation, 2002 Palo Alto Research Center, IncorporatedCopyright 2003 ContributorsCopyright (c) 2004, 2005 ContributorsCopyright (c) 1998-2001 Xerox Corporation, 2002 Palo Alto Research Center, Incorporated, 2003-2005 ContributorsCopyright (c) 2000-2005 INRIA, France Telecom(c) Copyright 1998-2002 Palo Alto Research Center Incorporated 2003-2008 Contributors(c) Copyright 1998-2002 Palo Alto Research Center Incorporated, 2003-2004 Contributors(c) Copyright 2002 Palo Alto Research Center, Incorporated, 2003 Contributors(c) Copyright 2003,2004 Contributors(c) Copyright 2004 Contributors(c) Copyright 2005 Contributors(c) Copyright 2006 Contributors(c) Copyright 2008 Contributors(c) Copyright 2010 Contributors(c) Copyright 2010-2011 Contributors(c) Copyright 2009 Contributors(c) Copyright 2011 Contributors(c) Copyright 2013 Contributors(c) Copyright 2014 Contributors(c) Copyright 2016 Contributors(c) Copyright 2017 Contributors(c) Copyright 2015 Contributors(c) Copyright 2018 Contributors(c) Copyright 2019 Contributors(c) Copyright 2020 Contributors(c) Copyright 2021 ContributorsCopyright (c) 1998-2002 Xerox Corporation, 2004 Contributors(c) Copyright 1997-2001 Xerox CorporationCopyright (c) 1997-2001 Xerox Corporation, 2002 Palo Alto Research Center, Incorporated, 2003-2006 ContributorsCopyright (c) 2006 IBM Corporation and others. 2006 ContributorsCopyright (c) 1998-2001 Xerox Corporation, 2002-2003 Palo Alto Research Center, IncorporatedCopyright (c) 1998-2002 PARC Inc.Copyright (c) 1998 Hewlett-Packard Company(c) Copyright 1998-2002 Palo Alto Research Center IncroporatedCopyright (c) 1999 The Apache Software FoundationCopyright (c) 1998-2002 Palo Alto Research Center, Incorporated (PARC)(c) Copyright 1998-2002 Palo Alto Re search Center IncroporatedCopyright (c) 2000, 2003 IBM Corporation and othersCopyright (c) 2000, 2003 The Open Services Gateway InitiativeCopyright (c) 2000, 2004 IBM Corporation and othersCopyright IBM Corp 2000, 2003Copyright IBM Corp 2000, 2005(c) Copyright IBM Corp. 2000, 2001Copyright (c) Xerox Corporation E 2002 Palo Alto Research Center, Incorporated (PARC)Copyright (c) 2005, 2017 ContributorsCopyright (c) 2005,2018 ContributorsCopyright (c) 2005-2019 ContributorsCopyright (c) 2009 ContributorsCopyright (c) 2000, 2005 IBM Corporation and othersCopyright (c) 2010 ContributorsCopyright (c) 2005 IBM Corporation LtdCopyright (c) 2002-2010 ContributorsCopyright (c) 2005 IBM CorporationCopyright (c) 2002-2014 Palo Alto Research Center, Incorporated (PARC) and ContributorsCopyright (c) 2002,2010 ContributorsCopyright (c) 2002,2005 ContributorsCopyright (c) 2002,2003 Palo Alto Research Center, IncorporatedCopyright (c) 2005 IBM and other contributorsCopyright (c) 2002 - 2018 ContributorsCopyright (c) 2008 ContributorsCopyright (c) 2002 IBM and other contributorsCopyright (c) 2000, 2010 IBM Corporation and othersCopyright (c) 2006, 2010 ContributorsCopyright (c) 2005 IBM Corporation and othersCopyright 2005 ContributorsCopyright (c) 2006-2008 ContributorsCopyright (c) 2005 IBMCopyright (c) 2002-2009 ContributorsCopyright (c) 2004,2010 ContributorsCopyright (c) 2002-2006 ContributorsCopyright (c) 2010 SpringSource, ContributorsCopyright (c) 2005 IBM, ContributorsCopyright (c) 2006 IBMCopyright (c) 2005-2010 ContributorsCopyright (c) 2004-2019 ContributorsCopyright (c) 2002-2019 Palo Alto Research Center, Incorporated (PARC)Copyright (c) 2002, 2010 Palo Alto Research Center, Incorporated (PARC) and othersCopyright (c) 2002, 2010 Palo Alto Research Center, Incorporated (PARC)Copyright (c) 2002-2019 ContributorsCopyright (c) 2002, 2010 ContributorsCopyright (c) 2011 ContributorsCopyright (c) 2005-2017 ContributorsCopyright (c) 2002 Palo Alto Research Center, Incorporated (PARC). 2004 IBM CorporationCopyright (c) 2004, 2017 ContributorsCopyright (c) 2002-2008 ContributorsCopyright (c) 2007-2008 ContributorsCopyright (c) 2014 ContributorsCopyright (c) 2013 ContributorsCopyright (c) 1999-2001 Xerox Corporation, 2002-2018 Palo Alto Research Center, Incorporated (PARC), ContributorsCopyright (c) 2000-2001 Xerox CorporationCopyright (c) 2001-2001 Xerox Corporation, 2002 Palo Alto Research Center, Incorporated (PARC) 2003-2004 ContributorsCopyright (c) 1999-2001 Xerox Corporation, 2002 Palo Alto Research Center, Incorporated (PARC) 2003Copyright (c) 2004,2019 IBM Corporation, contributorsCopyright (c) 2004,2016 IBM CorporationCopyright (c) 2021 ContributorsCopyright (c) 2020 ContributorsCopyright (c) 1999-2001 Xerox Corporation, 2002 Palo Alto Research Center, Incorporated (PARC) 2003 ContributorsCopyright (c) 1999-2000 Xerox CorporationCopyright (c) 2006,2017 IBM Corporation and othersCopyright (c) 1999-2002 Xerox CorporationCopyright (c) 2001 sysCopyright (c) 2001-2006 MessageOne Inc.Copyright (c) 2005 Brian GoetzCopyright 2002-2013 the original author or authorsCopyright (c) 2002 Wes IsbergCopyright (c) 2005 John D. HeintzCopyright (c) 2009 Collaborative Development Group, C.S. Dept., University of BariCopyright (c) 1999, 2000 Xerox CorporationCopyright 2006 contributorsCopyright (c) 2004 Sun Microsystems, Inc.Copyright (c) 2013, 2014 ContributorsCopyright (c) 2013, 2019 ContributorsCopyright (c) 2010 LuciernaCopyright (c) 2008-2012 ContributorsCopyright (c) 2012 ContributorsCopyright (c) 2012 LuciernaCopyright (c) 2013-2014 ContributorsCopyright (c) 2016 ContributorsCopyright (c) 2015 ContributorsCopyright (c) 2004, 2017 IBMCopyright (c) 2017 ContributorsCopyright (c) 2006, 2081 IBM and contributorsCopyright (c) 2006, 2018 ContributorsCopyright (c) 2018-2019 ContributorsCopyright (c) 2014,2018 ContributorsCopyright (c) 2005-2008 ContributorsCopyright (c) 2002, 2017 ContributorsCopyright (c) 2008, 2018 ContributorsCopyright (c) 2012 VMware, Inc.Copyright (c) 2005,2017 Contributors

**License:** Eclipse Public License(EPL) V2.0

Please see above

**Software:** eclipse-ee4j/jaxb-api 2.3.1

**Copyright notice:**

Copyright (c) 2006, 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2009, 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 1997, 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2017 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2005, 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2007, 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2017, 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2015, 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2004-2017 Oracle Copyright (c) 2013, 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2003, 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2004, 2018 Oracle and/or its affiliates. All rights reserved.

**License:** Apache License V2.0

Please see above

**Software:** ee-first 1.1.1

**Copyright notice:**

Copyright (c) 2014 Jonathan OngCopyright (c) 2014 Jonathan Ong me@jongleberry.com

**License:** MIT License

Please see above

**Software:** Element Plus Icons 2.1.0

**Copyright notice:**

Copyright (c) 2020-PRESENT Element Plus (https://github.com/element-plus)(c) 2020-PRESENT Element Plus

**License:** MIT License

Please see above

**Software:** element-plus 2.3.12

**Copyright notice:**

Copyright (c) 2020-PRESENT Element Plus

**License:** MIT License

Please see above

**Software:** elfin-parser v1.0

**Copyright notice:**

Copyright (c) 2013 Austin T. Clements

**License:** MIT License

Please see above

**Software:** elfutils 0.180

**Copyright notice:**

Copyright (c) 1996-2019 Red Hat, Inc.Copyright (c) 1996-2020 The elfutils developers.Copyright (c) 2007 Free Software Foundation, Inc. <http://fsf.org/>Copyright (c) 1989, 1991 Free Software Foundation, Inc.copyrighted by the Free Software FoundationCopyright (c) 1996-2006, 2008, 2009, 2015 Red Hat, Inc.Copyright (c) 2013, 2018 Red Hat, Inc.Copyright (c) 2013 Red Hat, Inc.Copyright (c) 2013, 2017 Red Hat, Inc.Copyright (c) 2013, 2014 Red Hat, Inc.Copyright (c) 2013, 2014, 2015 Red Hat, Inc.Copyright (c) 2013, 2015, 2017 Red Hat, Inc.Copyright (c) 2016 The Qt Company Ltd.Copyright (c) 2008 Red Hat, Inc.Copyright (c) 2007 Red Hat, Inc.Copyright (c) 2002-2011 Red Hat, Inc.Copyright (c) 2005 Red Hat, Inc.Copyright (c) 2005, 2007, 2014 Red Hat, Inc.Copyright (c) 2009 Red Hat, Inc.Copyright (c) 2009, 2012 Red Hat, Inc.Copyright (c) 2002, 2005, 2009, 2013, 2014, 2015, 2017 Red Hat, Inc.Copyright (c) 2014 Red Hat, Inc.Copyright (c) 2005-2010, 2014, 2015 Red Hat, Inc.Copyright (c) 2009-2010, 2014 Red Hat, Inc.Copyright (c) 2002-2009, 2014, 2015, 2017 Red Hat, Inc.Copyright (c) 2005, 2006 Red Hat, Inc.Copyright (c) 2019 Hangzhou C-SKY MicrosystemsCopyright (c) 2007-2010 Red Hat, Inc.Copyright (c) 2000-2009, 2013, 2017 Red Hat, Inc.Copyright (c) 2005, 2006, 2007 Red Hat, Inc.Copyright (c) 2000, 2001, 2002, 2003, 2005, 2009, 2015 Red Hat, Inc.Copyright (c) 2005-2010, 2014 Red Hat, Inc.Copyright (c) 2000, 2001, 2002, 2005 Red Hat, Inc.Copyright (c) 2017 Red Hat, Inc.Copyright (c) 2002, 2003, 2005, 2006, 2007, 2014 Red Hat, Inc.Copyright (c) 2006 Red Hat, Inc.Copyright (c) 2005, 2006, 2015 Red Hat, Inc.Copyright (c) 2006-2010, 2014 Red Hat, Inc.Copyright (c) 2002-2009, 2014 Red Hat, Inc.Copyright (c) 2000, 2001, 2002, 2003, 2005, 2013, 2014 Red Hat, Inc.Copyright (c) H.J. Lu <hjl.tools@gmail.com> , 2015Copyright (c) 2000-2010, 2013, 2014 Red Hat, Inc.Copyright (c) 2012 Tilera CorporationCopyright (c) 2004, 2005, 2006, 2007, 2008, 2013, 2014 Red Hat, Inc.Copyright (c) 2005, 2015 Red Hat, Inc.Copyright (c) 2004, 2005, 2014 Red Hat, Inc.Copyright (c) 2008, 2009 Red Hat, Inc.Copyright (c) 2012, 2013 Red Hat, Inc.Copyright (c) 2007, 2008 Red Hat, Inc.Copyright (c) 2004, 2005, 2006, 2007, 2008, 2013 Red Hat, Inc.Copyright (c) 2005, 2006, 2007, 2010, 2014 Red Hat, Inc.Copyright (c) 2004, 2005, 2007, 2014, 2015 Red Hat, Inc.Copyright (c) 2018 Sifive, Inc.Copyright (c) 2012 Red Hat, Inc.Copyright (c) 2005, 2006, 2013 Red Hat, Inc.Copyright (c) 2006, 2007, 2014 Red Hat, Inc.Copyright (c) 2010 Red Hat, Inc.Copyright (c) 2010, 2014 Red Hat, Inc.Copyright (c) 2015 Oracle, Inc.Copyright (c) 2015 Oracle Inc.Copyright (c) 2002, 2005, 2006, 2007, 2008 Red Hat, Inc.Copyright (c) 2015 OracleCopyright (c) 2009, 2015 Red Hat, Inc.Copyright (c) 2002, 2003, 2005, 2007, 2008 Red Hat, Inc.Copyright (c) 2015 Red Hat, Inc.Copyright (c) 2005, 2007, 2008 Red Hat, Inc.Copyright (c) 2002-2009, 2013, 2018 Red Hat, Inc.Copyright (c) 2002, 2005, 2018 Red Hat, Inc.Copyright (c) 2005-2010 Red Hat, Inc.Copyright (c) 2010, 2014, 2016 Red Hat, Inc.Copyright (c) 2012, 2015 Red Hat, Inc.Copyright (c) 2004, 2005, 2008, 2009, 2011, 2015, 2016 Red Hat, Inc.Copyright (c) 2019-2020 Red Hat, Inc.Copyright (c) 2019 Red Hat, Inc.Copyright (c) 2000, 2001, 2002, 2007, 2008 Free Software Foundation, Inc. <https://fsf.org/>Copyright 2019 Red Hat Inc.Copyright (c) 2019 Red Hat Inc.Copyright (c) 1996-2001, 2002, 2005, 2019-2020 Red Hat, Inc.Copyright (c) 1991 -2018 Free Software Foundation, Inc.Copyright (c) 2019-2019 Red Hat, Inc.Copyright (c) 2011 Red Hat, Inc.Copyright (c) 2017 The Qt CompanyCopyright (c) 2002 Red Hat, Inc.Copyright (c) 2000-2010 Red Hat, Inc.Copyright (c) 2000-2019 Red Hat, Inc.Copyright (c) 2000, 2001, 2002, 2004, 2005 Red Hat, Inc.Copyright (c) 2006-2011 Red Hat, Inc.Copyright (c) 2001, 2002, 2003 Red Hat, Inc.Copyright (c) 1996-2011 Red Hat, Inc.Copyright (c) 2016, 2017, 2018 Red Hat, Inc.Copyright (c) 2017 The Qt Company Ltd.Copyright (c) 2011 Ed Schouten <ed@FreeBSD.org> David Chisnall <theraven@FreeBSD.org> All rights reserved.Copyright (c) 2006, 2015 Red Hat, Inc.Copyright (c) 2002, 2005 Red Hat, Inc.Copyright (c) 2002, 2016 Red Hat, Inc.Copyright (c) 2002, 2003, 2005, 2016 Red Hat, Inc.Copyright (c) 2002, 2004, 2005, 2009 Red Hat, Inc.Copyright (c) 2002-2011, 2016 Red Hat, Inc.Copyright (c) 2002, 2005, 2016, 2017 Red Hat, Inc.Copyright (c) 2005, 2008 Red Hat, Inc.Copyright (c) 2002, 2005, 2008 Red Hat, Inc.Copyright (c) 2002, 2004, 2005, 2016 Red Hat, Inc.Copyright (c) 2002-2010 Red Hat, Inc.Copyright (c) 2001, 2002, 2016 Red Hat, Inc.Copyright (c) 2001, 2002 Red Hat, Inc.Copyright (c) 2016, 2018 Red Hat, Inc.Copyright (c) 2007, 2008, 2009, 2011 Red Hat, Inc.Copyright (c) 2004, 2005, 2007, 2008 Red Hat, Inc.Copyright (c) 2004, 2005, 2007, 2008, 2009 Red Hat, Inc.Copyright (c) 2002-2012 Red Hat, Inc.Copyright (c) 2000, 2001, 2002, 2003, 2004, 2005, 2008 Red Hat, Inc.Copyright (c) 2009-2010, 2014, 2015 Red Hat, Inc.Copyright (c) 2009-2010, 2013, 2015 Red Hat, Inc.Copyright (c) 2009-2010 Red Hat, Inc.Copyright (c) 2000-2011, 2014, 2016, 2017, 2018 Red Hat, Inc.Copyright (c) 2000, 2001, 2002 Red Hat, Inc.Copyright (c) 2003 Red Hat, Inc.Copyright (c) 2003, 2005, 2009 Red Hat, Inc.Copyright (c) 2003, 2005, 2014 Red Hat, Inc.Copyright (c) 2005, 2018 Red Hat, Inc.Copyright (c) 2002, 2003, 2004, 2005 Red Hat, Inc.Copyright (c) 2002-2011, 2014, 2015, 2017, 2018 Red Hat, Inc.Copyright (c) 2003-2011, 2014, 2017 Red Hat, Inc.Copyright (c) 2018 Red Hat, Inc.Copyright (c) 2003-2010, 2014 Red Hat, Inc.Copyright (c) 2005-2009 Red Hat, Inc.Copyright (c) 2005, 2009 Red Hat, Inc.Copyright (c) 2016 Red Hat, Inc.Copyright (c) 2002-2011, 2014, 2018 Red Hat, Inc.Copyright (c) 2003, 2005 Red Hat, Inc.Copyright (c) 2002-2005, 2009, 2014, 2015, 2017, 2018 Red Hat, Inc.Copyright (c) 2004 Red Hat, Inc.Copyright (c) 2003-2010, 2018 Red Hat, Inc.Copyright (c) 2004-2010, 2014, 2018 Red Hat, Inc.Copyright (c) 2004-2009 Red Hat, Inc.Copyright (c) 2005-2010, 2018 Red Hat, Inc.Copyright (c) 2003, 2005, 2014, 2017 Red Hat, Inc.Copyright (c) 2003-2010, 2013, 2017, 2018 Red Hat, Inc.Copyright (c) 2003-2012, 2014, 2017 Red Hat, Inc.Copyright (c) 2005,2006,2015 Red Hat, Inc.Copyright (c) 2016, 2017 Red Hat, Inc.Copyright (c) 2003, 2004, 2005, 2006, 2014, 2017 Red Hat, Inc.Copyright (c) 2003, 2004, 2005, 2014, 2017 Red Hat, Inc.Copyright (c) 2014, 2018 Red Hat, Inc.Copyright (c) 2004, 2005 Red Hat, Inc.Copyright (c) 2000-2010, 2016, 2017 Red Hat, Inc.Copyright (c) 2003, 2004, 2017 Red Hat, Inc.Copyright (c) 2004, 2005, 2008, 2009, 2014, 2017 Red Hat, Inc.Copyright (c) 2002, 2004, 2007 Red Hat, Inc.Copyright (c) 2005, 2013, 2015 Red Hat, Inc.Copyright (c) 2000-2010, 2013-2015, 2017, 2018 Red Hat, Inc.Copyright (c) 2013, 2014, 2017, 2018 Red Hat, Inc.Copyright (c) 2010, 2017 Red Hat, Inc.Copyright (c) 2002-2009, 2014, 2017, 2018 Red Hat, Inc.Copyright (c) 2002, 2003, 2004, 2005, 2008 Red Hat, Inc.Copyright (c) 2005, 2007, 2015 Red Hat, Inc.Copyright (c) 2004, 2005, 2013, 2015, 2018 Red Hat, Inc.Copyright (c) 2004-2010, 2013, 2014, 2015, 2016, 2018 Red Hat, Inc.Copyright (c) 2003, 2005, 2008, 2014 Red Hat, Inc.Copyright (c) 2003, 2005, 2012, 2018 Red Hat, Inc.Copyright (c) 2003, 2005, 2018 Red Hat, Inc.Copyright (c) 2005, 2014 Red Hat, Inc.Copyright (c) 2002-2010, 2016, 2017 Red Hat, Inc.Copyright (c) 2002-2010, 2017 Red Hat, Inc.Copyright (c) 2014, 2015, 2016 Red Hat, Inc.Copyright (c) 2005, 2007, 2009, 2018 Red Hat, Inc.Copyright (c) 2003-2010, 2014, 2015 Red Hat, Inc.Copyright (c) 2003-2010 Red Hat, Inc.Copyright (c) 2003-2011, 2014 Red Hat, Inc.Copyright (c) 2002-2010, 2013, 2014, 2016, 2018 Red Hat, Inc.Copyright (c) 2003, 2004, 2006 Red Hat, Inc.Copyright (c) 2003-2010, 2014, 2016, 2017, 2018 Red Hat, Inc.Copyright (c) 2003-2009, 2014 Red Hat, Inc.Copyright (c) 2005,2006,2007,2015 Red Hat, Inc.Copyright (c) 2002-2011, 2013-2018 Red Hat, Inc.Copyright (c) 2002-2010, 2012, 2014, 2016, 2018 Red Hat, Inc.Copyright (c) 2000-2014, 2018 Red Hat, Inc.Copyright (c) 2000, 2001, 2002, 2005, 2016 Red Hat, Inc.Copyright (c) 2014, 2015, 2016, 2018 Red Hat, Inc.Copyright (c) 2014, 2015 Red Hat, Inc.Copyright (c) 2005-2010, 2012, 2015 Red Hat, Inc.Copyright (c) 2008-2010, 2013, 2015 Red Hat, Inc.Copyright (c) 2005-2010, 2015, 2016, 2017 Red Hat, Inc.Copyright (c) 2005-2010, 2013, 2015 Red Hat, Inc.Copyright (c) 2005, 2006, 2007, 2008 Red Hat, Inc.Copyright (c) 2007, 2009, 2014 Red Hat, Inc.Copyright (c) 2007-2010, 2014, 2015, 2019 Red Hat, Inc.Copyright (c) 2005, 2008, 2012-2013, 2015 Red Hat, Inc.Copyright (c) 2005-2015 Red Hat, Inc.Copyright (c) 2005, 2013 Red Hat, Inc.Copyright (c) 2005-2010, 2015 Red Hat, Inc.Copyright (c) 2005, 2006, 2007, 2008, 2014, 2015 Red Hat, Inc.Copyright (c) 2005, 2006, 2007, 2013 Red Hat, Inc.Copyright (c) 2005-2013 Red Hat, Inc.Copyright (c) 2007-2010, 2014 Red Hat, Inc.Copyright (c) 2005-2012, 2014, 2015 Red Hat, Inc.Copyright (c) 2005, 2008, 2014 Red Hat, Inc.Copyright (c) 2006-2014 Red Hat, Inc.Copyright (c) 2008-2012, 2014, 2015, 2018 Red Hat, Inc.Copyright (c) 2006, 2007 Red Hat, Inc.Copyright (c) 2005-2011, 2014, 2015 Red Hat, Inc.Copyright (c) 2005-2010, 2014, 2015, 2019 Red Hat, Inc.Copyright (c) 2013, 2014, 2016 Red Hat, Inc.Copyright (c) 2009-2011 Red Hat, Inc.Copyright (c) 2005-2010, 2013 Red Hat, Inc.Copyright (c) 2005-2015, 2018 Red Hat, Inc.Copyright (c) 2008-2016 Red Hat, Inc.Copyright (c) 2005-2011, 2013, 2014, 2015 Red Hat, Inc.Copyright (c) 2013, 2014, 2015, 2018 Red Hat, Inc.Copyright (c) 2005-2010, 2013, 2014, 2016 Red Hat, Inc.Copyright (c) 2005-2009, 2012 Red Hat, Inc.Copyright (c) 2009, 2016 Red Hat, Inc.Copyright (c) 2005-2011, 2014, 2016, 2018 Red Hat, Inc.Copyright (c) 2008, 2009, 2010, 2013, 2015 Red Hat, Inc.Copyright (c) 2000-2011, 2013, 2014, 2016, 2017 Red Hat, Inc.Copyright (c) 2007, 2008, 2009 Red Hat, Inc.Copyright (c) 2007, 2010 Red Hat, Inc.Copyright (c) 2002, 2007, 2008, 2012, 2013 Red Hat, Inc.Copyright (c) 2002, 2014 Red Hat, Inc.Copyright (c) 2001, 2002, 2006 Red Hat, Inc.Copyright (c) 2001, 2002, 2006, 2008 Red Hat, Inc.Copyright (c) 2002, 2007, 2009, 2011, 2015, 2016, 2018 Red Hat, Inc.Copyright (c) 2002, 2007, 2009, 2011, 2016, 2018 Red Hat, Inc.Copyright (c) 2000-2017 Red Hat, Inc.Copyright (c) 2001, 2002, 2009 Red Hat, Inc.Copyright (c) 2001, 2002, 2004 Red Hat, Inc.Copyright (c) 2000-2010, 2013, 2014, 2015, 2016, 2017 Red Hat, Inc.Copyright (c) 2000-2009, 2013, 2014 Red Hat, Inc.Copyright (c) 2000-2010, 2013, 2016, 2017 Red Hat, Inc.Copyright (c) 1998, 1999, 2000, 2002, 2004, 2007, 2015 Red Hat, Inc.Copyright (c) 1998, 1999, 2000, 2002, 2005, 2008 Red Hat, Inc.Copyright (c) 1995-2015 Free Software Foundation, Inc.Copyright (c) 2000-2012, 2014, 2016 Red Hat, Inc.Copyright (c) 1995-2020 Free Software Foundation, Inc.Copyright (c) 2002, 2003, 2004, 2005, 2009, 2015 Red Hat, Inc.Copyright (c) 1998, 1999, 2000, 2002, 2015 Red Hat, Inc.Copyright (c) 1998-2010, 2014, 2015 Red Hat, Inc.Copyright (c) 1998-2002, 2005, 2007, 2009, 2012, 2014, 2015 Red Hat, Inc.Copyright (c) 1999-2010, 2014, 2015 Red Hat, Inc.Copyright (c) 2005, 2008, 2015 Red Hat, Inc.Copyright (c) 2000-2010, 2014, 2015, 2016, 2018 Red Hat, Inc.Copyright (c) 2000-2010, 2015, 2016 Red Hat, Inc.Copyright (c) 1998, 1999, 2000, 2002, 2012, 2015 Red Hat, Inc.Copyright (c) 1998, 2002 Red Hat, Inc.Copyright (c) 1998, 1999, 2002 Red Hat, Inc.Copyright (c) 1999, 2002 Red Hat, Inc.Copyright (c) 2000, 2002 Red Hat, Inc.Copyright (c) 1998-2010, 2012, 2014, 2015, 2016 Red Hat, Inc.Copyright (c) 2003, 2004 Red Hat, Inc.Copyright (c) 2015, 2016 Red Hat, Inc.Copyright (c) 1998,1999,2000,2001,2002,2004,2005,2007,2015,2016 Red Hat, Inc.Copyright (c) 1998-2010, 2015 Red Hat, Inc.Copyright (c) 1998, 2000, 2002, 2015 Red Hat, Inc.Copyright (c) 2000, 2001, 2002, 2015 Red Hat, Inc.Copyright (c) 1999, 2000, 2001, 2002, 2015 Red Hat, Inc.Copyright (c) 1998, 1999, 2000, 2002, 2008, 2015 Red Hat, Inc.Copyright (c) 1998-2000, 2002, 2005, 2009, 2012, 2014, 2015 Red Hat, Inc.Copyright (c) 1998-2005, 2006, 2007, 2015, 2016 Red Hat, Inc.Copyright (c) 2007, 2014, 2015 Red Hat, Inc.Copyright (c) 1998, 1999, 2000, 2002, 2004, 2015 Red Hat, Inc.Copyright (c) 2010, 2014, 2015, 2016 Red Hat, Inc.Copyright (c) 1998, 1999, 2000, 2001, 2002, 2004, 2015 Red Hat, Inc.Copyright (c) 2002, 2009, 2015 Red Hat, Inc.Copyright (c) 2002, 2005, 2009, 2014, 2015 Red Hat, Inc.Copyright (c) 1999, 2000, 2002, 2015 Red Hat, Inc.Copyright (c) 1998, 1999, 2000, 2001, 2002, 2015 Red Hat, Inc.Copyright (c) 1998,1999,2000,2001,2002,2005,2009,2014,2015 Red Hat, Inc.Copyright (c) 1998-2009, 2015 Red Hat, Inc.Copyright (c) 1998-2002, 2004, 2008, 2009, 2015 Red Hat, Inc.Copyright (c) 1999, 2000, 2001, 2002, 2004, 2005, 2006, 2015 Red Hat, Inc.Copyright (c) 1999, 2000, 2001, 2002, 2004, 2005, 2007, 2015 Red Hat, Inc.Copyright (c) 2002, 2015 Red Hat, Inc.Copyright (c) 2007, 2015 Red Hat, Inc.Copyright (c) 2000, 2001, 2002, 2005, 2009, 2014, 2015 Red Hat, Inc.Copyright (c) 1998, 1999, 2000, 2001, 2002, 2005, 2015 Red Hat, Inc.Copyright (c) 2004, 2005, 2009, 2014, 2015 Red Hat, Inc.Copyright (c) 2007, 2014, 2015, 2018 Red Hat, Inc.Copyright (c) 1999, 2000, 2001, 2002, 2005, 2009, 2014, 2015 Red Hat, Inc.Copyright (c) 2000, 2001, 2002, 2010 Red Hat, Inc.Copyright (c) 2000, 2001, 2002, 2005, 2009, 2014 Red Hat, Inc.Copyright (c) 2001, 2002, 2015 Red Hat, Inc.Copyright (C) 2001, 2002, 201r Red Hat, Inc.Copyright (c) 2001, 2002, 2005, 2009, 2014, 2015 Red Hat, Inc.Copyright (c) 1998,1999,2000,2002,2004,2005,2006,2007,2015 Red Hat, Inc.Copyright (c) 1998, 1999, 2000, 2002, 2004, 2007 Red Hat, Inc.Copyright (c) 2000, 2002, 2015 Red Hat, Inc.Copyright (c) 1998-2010, 2015, 2016 Red Hat, Inc.Copyright (c) 1996-2010, 2015 Red Hat, Inc.Copyright (c) 1998, 1999, 2000, 2001, 2002, 2005, 2007, 2015 Red Hat, Inc.Copyright (c) 1998, 1999, 2000, 2002 Red Hat, Inc.Copyright (c) 2007, 2009, 2014, 2018 Red Hat, Inc.Copyright (c) 1998, 1999, 2000, 2002, 2003, 2015 Red Hat, Inc.Copyright (c) 2008 Guido U. Draheim <guidod@gmx.de>Copyright (c) 2011 Maarten Bosmans <mkbosmans@gmail.com>Copyright (c) 2008 Benjamin Kosnik <bkoz@redhat.com>Copyright (c) 2012 Zack Weinberg <zackw@panix.com>Copyright (c) 2013 Roy Stogner <roystgnr@ices.utexas.edu>Copyright (c) 2014, 2015 Google Inc.Copyright (c) 2015 Paul Norman <penorman@mac.com>Copyright (c) 2015 Moritz Klammler <moritz@klammler.eu>Copyright (c) 2000-2002 Free Software Foundation, Inc.Copyright (c) 1995-2013 Free Software Foundation, Inc.Copyright (c) 2000-2002, 2007-2013 Free Software Foundation, Inc.Copyright (c) 1995-2002 Free Software Foundation, Inc.Copyright (c) 2000-2009 Red Hat, Inc.Copyright (c) 1995-2003, 2005-2006 Free Software Foundation, Inc.Copyright (c) 1996-2003, 2005 Free Software Foundation, Inc.Copyright (c) 2009 THE elfutils'S COPYRIGHT HOLDERCopyright (c) Red Hat, Inc.Copyright (c) 2009 ORGANIZATIONCopyright (c) 1995-1997, 2000-2007, 2009-2010 by Ulrich Drepper <drepper@gnu.ai.mit.edu>Copyright (c) 2003-2016 the elfutils authorsCopyright (c) programisci projektu elfutils < s>Copyright (c) 2010 Free Software Foundation, Inc.Copyright (c) 2005-2010, 2012, 2013, 2015 Red Hat, Inc.Copyright (c) 2005-2012, 2016, 2017 Red Hat, Inc.Copyright (c) 2007-2012, 2016 Red Hat, Inc.Copyright (c) 2007-2012 Red Hat, Inc.Copyright (c) 2015, 2016, 2018 Red Hat, Inc.Copyright (c) 2001-2015, 2017, 2018 Red Hat, Inc.Copyright (c) 2005-2010, 2012, 2014, 2018 Red Hat, Inc.Copyright (c) 1996-2014, 2016 Red Hat, Inc.Copyright (c) 2000-2008, 2009, 2011, 2012, 2014, 2015, 2020 Red Hat, Inc.Copyright (c) 2005, 2006, 2007, 2009, 2011, 2012, 2014, 2015 Red Hat, Inc.Copyright (c) 2005-2012 Red Hat, Inc.Copyright (c) 1999-2018 Red Hat, Inc.Copyright (c) 2000-2007,2009,2012,2014,2015 Red Hat, Inc.Copyright (c) 2013-2014 Red Hat, Inc.Copyright (c) 2005-2010, 2012, 2014 Red Hat, Inc.Copyright (c) 2000-2012, 2014, 2015, 2016, 2017, 2018 Red Hat, Inc.Copyright (c) 2007-2012, 2014, 2015 Red Hat, Inc.Copyright (c) 2015, 2018 Red Hat, Inc.Copyright (c) 2011, 2016 Red Hat, Inc.Copyright (c) 1999, 2000, 2002 Red Hat, Inc.Copyright (c) 2013, 2016 Red Hat, Inc.Copyright (c) 2013, 2015, 2018 Red Hat, Inc.Copyright (c) 2013, 2015 Red Hat, Inc.Copyright (c) 2009, 2014 Red Hat, Inc.Copyright (c) 2009-2010, 2013, 2015, 2018 Red Hat, Inc.Copyright (c) 2019 FacebookCopyright (c) 2005, 2007 Red Hat, Inc.Copyright (c) 2002, 2004 Red Hat, Inc.Copyright (c) 2002, 2004, 2005, 2007 Red Hat, Inc.Copyright (c) 2012, 2018 Red Hat, Inc.Copyright (c) 2002, 2005, 2006 Red Hat, Inc.Copyright (c) 1999, 2000, 2001, 2002, 2005 Red Hat, Inc.Copyright (c) 2002, 2004, 2005, 2007, 2014, 2018 Red Hat, Inc.Copyright (c) 2002, 2004, 2018 Red Hat, Inc. Copyright (c) H.J. Lu <hjl.tools@gmail.com> , 2015Copyright (c) 2005, 2006, 2007, 2012, 2013 Red Hat, Inc.Copyright (c) 1999, 2000, 2002, 2005, 2006 Red Hat, Inc.Copyright (c) 1999, 2000, 2002, 2006 Red Hat, Inc.Copyright (c) 2007-2009 Red Hat, Inc.Copyright (c) 2005, 2007, 2017 Red Hat, Inc.Copyright (c) 2005, 2007, 2008, 2015 Red Hat, Inc.Copyright (c) 1999, 2000, 2002, 2005 Red Hat, Inc.Copyright (c) 1999, 2000, 2002, 2004, 2005, 2007 Red Hat, Inc.Copyright (c) 1999, 2000, 2002, 2004, 2005, 2013 Red Hat, Inc.Copyright (c) 1999, 2000, 2002, 2003, 2005 Red Hat, Inc.Copyright (c) 2012, 2014 Red Hat, Inc.Copyright (c) 2020 Red Hat, Inc.Copyright (c) 2011-2013 Red Hat, Inc.Copyright (c) 2016 Oracle, Inc.Copyright (c) 2012, 2013, 2014 Red Hat, Inc.Copyright (c) 2011, 2018 Red Hat, Inc.Copyright (c) 2018 Facebook, Inc.Copyright (c) 1999, 2000, 2002, 2003, 2004, 2005 Red Hat, Inc.Copyright (c) 2005, 2006, 2008 Red Hat, Inc.Copyright (c) Red Hat, Inc., 2016Copyright (c) 2011, 2013 Red Hat, Inc.Copyright (c) 1999, 2000, 2002, 2003, 2005, 2007, 2008 Red Hat, Inc.Copyright (c) 1998, 1999, 2000, 2002, 2005 Red Hat, Inc.Copyright (c) 1998, 1999, 2000, 2001, 2002 Red Hat, Inc.Copyright (c) 1998, 1999, 2000, 2001, 2002, 2004, 2005 Red Hat, Inc.Copyright (c) 1998-2002, 2004, 2006, 2012, 2015 Red Hat, Inc.Copyright (c) 1998, 1999, 2000, 2001, 2002, 2005 Red Hat, Inc.Copyright (c) 2000, 2002, 2005 Red Hat, Inc.Copyright (c) 2005-2015, 2017 Red Hat, Inc.Copyright (c) 2012, 2013, 2015 Red Hat, Inc.Copyright (c) 2000, 2002, 2005, 2016 Red Hat, Inc.Copyright (c) 2013, 2015, 2017, 2018 Red Hat, Inc.

**License:** LGPL V3.0

GNU LESSER GENERAL PUBLIC LICENSEVersion 3, 29 June 2007Copyright (C) 2007 Free Software Foundation, Inc. <http://fsf.org/>Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.This version of the GNU Lesser General Public License incorporates the terms and conditions of version 3 of the GNU General Public License, supplemented by the additional permissions listed below.0. Additional Definitions.As used herein, “this License” refers to version 3 of the GNU Lesser General Public License, and the “GNU GPL” refers to version 3 of the GNU General Public License.“The Library” refers to a covered work governed by this License, other than an Application or a Combined Work as defined below.An “Application” is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library.A “Combined Work” is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the “Linked Version”.The “Minimal Corresponding Source” for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.The “Corresponding Application Code” for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.1. Exception to Section 3 of the GNU GPL.You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.2. Conveying Modified Versions.If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, orb) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.3. Object Code Incorporating Material from Library Header Files.The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.b) Accompany the object code with a copy of the GNU GPL and this license document.4. Combined Works.You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.b) Accompany the Combined Work with a copy of the GNU GPL and this license document.c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.d) Do one of the following:0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)5. Combined Libraries.You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.6. Revised Versions of the GNU Lesser General Public License.The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License “or any later version” applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.GNU GENERAL PUBLIC LICENSEVersion 3, 29 June 2007Copyright (C) 2007 Free Software Foundation, Inc. <http://fsf.org/>Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.PreambleThe GNU General Public License is a free, copyleft license for software and other kinds of works.The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.The precise terms and conditions for copying, distribution and modification follow.TERMS AND CONDITIONS0. Definitions.“This License” refers to version 3 of the GNU General Public License.“Copyright” also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.“The Program” refers to any copyrightable work licensed under this License. Each licensee is addressed as “you”. “Licensees” and “recipients” may be individuals or organizations.To “modify” a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a “modified version” of the earlier work or a work “based on” the earlier work.A “covered work” means either the unmodified Program or a work based on the Program.To “propagate” a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.To “convey” a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.An interactive user interface displays “Appropriate Legal Notices” to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.1. Source Code.The “source code” for a work means the preferred form of the work for making modifications to it. “Object code” means any non-source form of a work.A “Standard Interface” means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.The “System Libraries” of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A “Major Component”, in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.The “Corresponding Source” for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.The Corresponding Source for a work in source code form is that same work.2. Basic Permissions.All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.3. Protecting Users' Legal Rights From Anti-Circumvention Law.No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.4. Conveying Verbatim Copies.You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.5. Conveying Modified Source Versions.You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:a) The work must carry prominent notices stating that you modified it, and giving a relevant date.b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to “keep intact all notices”.c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an “aggregate” if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.6. Conveying Non-Source Forms.You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.A “User Product” is either (1) a “consumer product”, which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, “normally used” refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.“Installation Information” for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.7. Additional Terms.“Additional permissions” are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; orb) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; orc) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; ord) Limiting the use for publicity purposes of names of licensors or authors of the material; ore) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; orf) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.All other non-permissive additional terms are considered “further restrictions” within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.8. Termination.You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.9. Acceptance Not Required for Having Copies.You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.10. Automatic Licensing of Downstream Recipients.Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.An “entity transaction” is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.11. Patents.A “contributor” is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's “contributor version”.A contributor's “essential patent claims” are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, “control” includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.In the following three paragraphs, a “patent license” is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To “grant” such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. “Knowingly relying” means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.A patent license is “discriminatory” if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.12. No Surrender of Others' Freedom.If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.13. Use with the GNU Affero General Public License.Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.14. Revised Versions of this License.The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License “or any later version” applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.15. Disclaimer of Warranty.THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM “AS IS” WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.16. Limitation of Liability.IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.17. Interpretation of Sections 15 and 16.If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.END OF TERMS AND CONDITIONSHow to Apply These Terms to Your New ProgramsIf you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the “copyright” line and a pointer to where the full notice is found. <one line to give the program's name and a brief idea of what itdoes.> Copyright (C) <year> <name of author> This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version. This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details. You should have received a copy of the GNU General Public License along with this program. If not, see <http://www.gnu.org/licenses/>.Also add information on how to contact you by electronic and paper mail.If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode: <program> Copyright (C) <year> <name of author> This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an “about box”.You should also get your employer (if you work as a programmer) or school, if any, to sign a “copyright disclaimer” for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <http://www.gnu.org/licenses/>.The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <http://www.gnu.org/philosophy/why-not-lgpl.html>.

**Software:** emcee 3.1.4

**Copyright notice:**

Copyright 2010-2021 Dan Foreman-Mackey and contributors <https://github.com/dfm/emcee/graphs/contributors>Copyright 2010-2021 Dan Foreman-Mackey and contributorsCopyright (c) 2003 American Astronomical SocietyCopyright (c) 2010-2021 Daniel Foreman-Mackey & contributors

**License:** Free Software Foundation - MIT License (MIT +)

Free Software Foundation - MIT LicenseCopyright (c) 1998 Free Software Foundation, Inc.Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, distribute with modifications, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE ABOVE COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.Except as contained in this notice, the name(s) of the above copyright holders shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization.

**Software:** encodeurl 1.0.2

**Copyright notice:**

Copyright (c) 2016 Douglas Christopher Wilson

**License:** MIT License

Please see above

**Software:** err-code 2.0.3

**Copyright notice:**

No copyright notice found in source files of this software

**License:** MIT License

Please see above

**Software:** error-prone 2.18.0

**Copyright notice:**

Copyright (C) 2009 The Guava AuthorsCopyright 2011 The Error Prone Authors.Copyright 2012 Google Inc. All Rights Reserved.Copyright 2012 The Error Prone Authors.Copyright 2013 The Error Prone Authors.Copyright 2014 The Error Prone Authors.Copyright 2015 Google Inc. All Rights Reserved.Copyright 2015 The Error Prone Authors.Copyright 2016 The Error Prone Authors.Copyright 2017 Google Inc. All Rights Reserved.Copyright 2017 The Error Prone Authors.Copyright 2018 The Error Prone Authors.Copyright 2019 The Error Prone Authors.Copyright 2020 The Error Prone Authors.Copyright 2021 Google Inc. All Rights Reserved.Copyright 2021 The Error Prone Authors.Copyright 2022 Google Inc. All Rights Reserved.Copyright 2022 The Error Prone Authors.Copyright 2023 The Error Prone Authors.

**License:** Apache License V2.0

Please see above

**Software:** escape-html 1.0.3

**Copyright notice:**

Copyright (c) 2015 Tiancheng Timothy GuCopyright (c) 2012-2013 TJ HolowaychukCopyright (c) 2015 Andreas Lubbe

**License:** MIT License

Please see above

**Software:** estree-walker 2.0.2

**Copyright notice:**

Copyright (c) 2015-20 these people (https://github.com/Rich-Harris/estree-walker/graphs/contributors)

**License:** MIT License

Please see above

**Software:** etag 1.8.1

**Copyright notice:**

Copyright (c) 2014-2016 Douglas Christopher Wilson

**License:** MIT License

Please see above

**Software:** EventEmitter3 4.0.7

**Copyright notice:**

Copyright (c) 2014 Arnout Kazemier

**License:** MIT License

Please see above

**Software:** express 4.18.1

**Copyright notice:**

Copyright (c) 2014-2015 Douglas Christopher Wilson <doug@somethingdoug.com>Copyright (c) 2009-2013 TJ HolowaychukCopyright (c) 2009-2014 TJ Holowaychuk <tj@vision-media.ca>Copyright (c) 2013-2014 Roman Shtylman <shtylman+expressjs@gmail.com>Copyright (c) 2014-2015 Douglas Christopher WilsonCopyright (c) 2013 Roman Shtylman

**License:** MIT License

Please see above

**Software:** fabric 3.0.0

**Copyright notice:**

Copyright (c) 2020 Jeff Forcier.

**License:** BSD 2-Clause License

BSD Two Clause LicenseRedistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.THIS SOFTWARE IS PROVIDED BY THE AUTHOR "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

**License:** BSD 3-Clause License

Please see above

**Software:** filesystem\_spec 2023.6.0

**Copyright notice:**

Copyright (c) 2018, Martin Durant All rights reserved

**License:** BSD 3-Clause License

Please see above

**Software:** fill-range 7.0.1

**Copyright notice:**

Copyright (c) 2014-present, Jon SchlinkertCopyright (c) 2019, Jon Schlinkert (https://github.com/jonschlinkert)

**License:** MIT License

Please see above

**Software:** finalhandler 1.2.0

**Copyright notice:**

Copyright (c) 2014-2022 Douglas Christopher WilsonCopyright (c) 2014-2022 Douglas Christopher Wilson <doug@somethingdoug.com>

**License:** MIT License

Please see above

**Software:** FindBugs 3.0.2

**Copyright notice:**

Copyright (c) 2005 Brian Goetz Released under the Creative Commons Attribution License

**License:** Apache License V2.0

Please see above

**Software:** Flang 20211221

**Copyright notice:**

Copyright (c) 1993 by Sun Microsystems, Inc.Copyright (c) 2018, NVIDIA CORPORATION.Copyright (c) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 Free Software Foundation, Inc.Copyright (c) 2018 Cavium, Inc.Copyright Naoki Shibata 2010 - 2017Copyright (c) 2002-2015 Advanced Micro Devices, Inc.Copyright (c) 2004 Advanced Micro Devices, Inc.Copyright (c) 2018-2019, NVIDIA CORPORATION.Copyright (c) 2017-2018, NVIDIA CORPORATION.Copyright 2002-2009, University of Illinois/NCSACopyright 2013 Los Alamos National Security, LLC Los Alamos National Security, LLC (http://oceans11.lanl.gov/trac/CICE/wiki/CopyRight)Copyright 2014, GNU Lesser GeneralCopyright (c) 2003-2014 Intel Corporation(c) 2001 by Argonne National LaboratoryCopyright (c) 2007 Microsoft Corporation. MicrosoftCopyright (c) 2003-2011 Intel CorporationCopyright 2002-2007, Atmospheric & Environmental Research, Inc.Copyright 2002-2009, Atmospheric & Environmental Research, Inc.Copyright 2006-2007, Atmospheric & Environmental Research, Inc.Copyright (c) 1997-2016 OpenMP Architecture Review BoardCopyright (c) 2016-2018, NVIDIA CORPORATION.

**License:** Apache 2.0 with LLVM Exception

Please see above

**Software:** flatted 3.2.7

**Copyright notice:**

(c) 2020 Andrea GiammarchiCopyright (c) 2018-2020, Andrea GiammarchiCopyright (c) 2018-2021, Andrea Giammarchi

**License:** ISC License

Please see above

**Software:** floating-ui 0.1.1

**Copyright notice:**

Copyright (c) 2021 Floating UI contributors

**License:** MIT License

Please see above

**Software:** floating-ui 1.4.1

**Copyright notice:**

Copyright (c) 2021 Floating UI contributorsCopyright (c) 2021-present Floating UI contributors

**License:** MIT License

Please see above

**Software:** floating-ui 1.5.1

**Copyright notice:**

Copyright (c) 2021 Floating UI contributorsCopyright (c) 2021-present Floating UI contributors

**License:** MIT License

Please see above

**Software:** follow-redirects 1.15.4

**Copyright notice:**

Copyright 2014-present Olivier Lalonde <olalonde@gmail.com> , James Talmage <james@talmage.io> , Ruben Verborgh

**License:** MIT License

Please see above

**Software:** form-data 4.0.0

**Copyright notice:**

Copyright (c) 2012 Felix Geisendorfer (felix@debuggable.com) and contributors

**License:** MIT License

Please see above

**Software:** forwarded 0.2.0

**Copyright notice:**

Copyright (c) 2014-2017 Douglas Christopher WilsonCopyright(c) 2014-2017 Douglas Christopher Wilson MIT Licensed

**License:** MIT License

Please see above

**Software:** fparser 0.0.16

**Copyright notice:**

Copyright (c) 2017-2022 Science and Technology Facilities CouncilCopyright (c) 1999-2008 Pearu PetersonCopyright (c) 2017 Science and Technology Facilities CouncilCopyright (c) 2020-2022, Science and Technology Facilities Councilcopyright 2017-2022, Science and Technology Facilities CouncilCopyright (c) 2017-2018 Science and Technology Facilities CouncilCopyright (c) 2017-2020 Science and Technology Facilities CouncilCopyright (c) 2017-2019 Science and Technology Facilities CouncilCopyright (c) 2017-2021 Science and Technology Facilities CouncilCopyright (c) 2021, Science and Technology Facilities CouncilCopyright (c) 2020, Science and Technology Facilities CouncilCopyright (c) 2018 Science and Technology Facilities CouncilCopyright (c) 2017 by J. Henrichs, Bureau of MeteorologyCopyright (c) 2019 Science and Technology Facilities CouncilCopyright (c) 2019, Science and Technology Facilities CouncilCopyright (c) 2022, Science and Technology Facilities CouncilCopyright (c) 2020 Science and Technology Facilities CouncilCopyright (c) 2018-2022 Science and Technology Facilities CouncilCopyright (c) 2021-2022, Science and Technology Facilities CouncilCopyright (c) 2018-2021 Science and Technology Facilities CouncilCopyright (c) 2018-2019 Science and Technology Facilities CouncilCopyright (c) 2021-2022 Science and Technology Facilities CouncilCopyright (c) 2018-2020 Science and Technology Facilities CouncilCopyright (c) 2021 Science and Technology Facilities CouncilCopyright (c) 2020-2021 Science and Technology Facilities CouncilCopyright (c) 2020-2022 Science and Technology Facilities CouncilCopyright (c) 2019-2022 Science and Technology Facilities CouncilCopyright (c) 2019-2020 Science and Technology Facilities CouncilCopyright (c) 2019-2021 Science and Technology Facilities CouncilCopyright (c) 2022 Science and Technology Facilities CouncilCopyright (c) 2019-2022, Science and Technology Facilities CouncilCopyright (c) 2019-2021, Science and Technology Facilities Council

**License:** BSD-3-Clause-LBNL

Copyright (c) 2003, The Regents of the University of California,through Lawrence Berkeley National Laboratory (subject to receipt ofany required approvals from the U.S. Dept. of Energy). All rightsreserved. Redistribution and use in source and binary forms, with orwithout modification, are permitted provided that the followingconditions are met:(1) Redistributions of source code must retain the above copyrightnotice, this list of conditions and the following disclaimer.(2) Redistributions in binary form must reproduce the above copyrightnotice, this list of conditions and the following disclaimer in thedocumentation and/or other materials provided with the distribution.(3) Neither the name of the University of California, Lawrence BerkeleyNational Laboratory, U.S. Dept. of Energy nor the names of its contributorsmay be used to endorse or promote products derived from this software withoutspecific prior written permission.THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITEDTO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULARPURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORSBE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, ORCONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTEGOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICTLIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAYOUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OFSUCH DAMAGE.You are under no obligation whatsoever to provide any bug fixes,patches, or upgrades to the features, functionality or performance ofthe source code ("Enhancements") to anyone; however, if you choose tomake your Enhancements available either publicly, or directly toLawrence Berkeley National Laboratory, without imposing a separatewritten license agreement for such Enhancements, then you hereby grantthe following license: a non-exclusive, royalty-free perpetual licenseto install, use, modify, prepare derivative works, incorporate intoother computer software, distribute, and sublicense such Enhancementsor derivative works thereof, in binary and source code form.

**Software:** fresh 0.5.2

**Copyright notice:**

Copyright (c) 2012 TJ HolowaychukCopyright (c) 2016-2017 Douglas Christopher Wilson <doug@somethingdoug.com>Copyright (c) 2016-2017 Douglas Christopher WilsonCopyright (c) 2012 TJ Holowaychuk <tj@vision-media.ca>

**License:** MIT License

Please see above

**Software:** fs-extra 8.1.0

**Copyright notice:**

Copyright (c) 2011-2017 JP RichardsonCopyright (c) 2011-2017 JP Richardson (https://github.com/jprichardson)Copyright (c) 2014-2016 Jonathan Ong me@jongleberry.com and Contributors

**License:** MIT License

Please see above

**Software:** function-bind 1.1.1

**Copyright notice:**

Copyright (c) 2013 Raynos

**License:** MIT License

Please see above

**Software:** get-intrinsic 1.1.1

**Copyright notice:**

No copyright notice found in source files of this software.

**License:** MIT License

Please see above

**Software:** gflags 2.2.2

**Copyright notice:**

Copyright (c) 2009, Google Inc.Copyright (c) 2006, Google Inc.Copyright (c) 2011, Google Inc.Copyright (c) 2005, Google Inc.Copyright (c) 1999, Google Inc.Copyright (c) 2008, Google Inc.Copyright (c) 2007, Google Inc.

**License:** BSD 3-Clause License

Please see above

**Software:** gllvm 1.3.1

**Copyright notice:**

Copyright (c) 2017, SRI International

**License:** BSD 3-Clause License

Please see above

**Software:** google/glog 0.4.0

**Copyright notice:**

Copyright (c) 2007, Google Inc.Copyright (c) 2008, Google Inc.Copyright (c) 2006, Google Inc.Copyright (c) 2009, Google Inc.Copyright (c) 1999, Google Inc.Copyright (c) 2002, Google Inc.Copyright (c) 2000 - 2007, Google Inc.Copyright (c) 2005 - 2007, Google Inc.Copyright (c) 2004, Google Inc.Copyright (c) 2003, Google Inc.Copyright (c) 1999, 2007, Google Inc.Copyright (c) 2003-2008, Jouni Malinen <j@w1.fi> and contributors

**License:** BSD 3-Clause License

Please see above

**Software:** google/protobuf 3.13.0

**Copyright notice:**

Copyright 2008 Google Inc. All rights reserved.Copyright 2007 Google Inc. All Rights Reserved.Copyright 2008 Google Inc.Copyright 2017 Google Inc. All rights reserved.Copyright 2014 Google Inc. All rights reserved.Copyright 2009 Google Inc. All rights reserved.Copyright 2019 Google Inc. All rights reserved.Copyright 2016 Google Inc. All rights reserved.Copyright 2015 Google Inc. All rights reserved.Copyright (c) 2006, Google Inc.Copyright 2012 Google Inc. All rights reserved.Copyright 2008 Google Inc. All Rights Reserved.Copyright 2005 Google Inc.Copyright 2018 Google Inc. All rights reserved.

**License:** BSD 3-Clause License

Please see above

**Software:** gson 2.9.0

**Copyright notice:**

Copyright 2008 Google Inc.Copyright (c) 2012 Square, Inc.Copyright (c) 2012 Google Inc.Copyright (c) 2011 Google Inc.Copyright (c) 2016 GsonCopyright 2008-2011 Google Inc.Copyright (c) 2008 Google Inc.Copyright (c) 2009 Google Inc.Copyright (c) 2010 Google Inc.Copyright (c) 2021 Google Inc.Copyright (c) 2014 Google Inc.Copyright (c) 2017 The Gson authorsCopyright (c) 2010 The Android Open Source ProjectCopyright (c) 2020 Google Inc.Copyright (c) 2018 The Gson authorsCopyright (c) 2016 The Gson AuthorsCopyright (c) 2018 GsonCopyright (c) 2015 Google Inc.Copyright (c) 2016 Google Inc.Copyright (c) 2017 Google Inc.Copyright (c) 2017 Gson

**License:** Apache License V2.0

Please see above

**Software:** guava 32.0.1

**Copyright notice:**

Copyright (C) 2005 The Guava AuthorsCopyright (C) 2006 The Guava AuthorsCopyright (C) 2007 The Guava AuthorsCopyright (C) 2008 The Guava AuthorsCopyright (C) 2009 The Guava AuthorsCopyright (C) 2010 The Guava AuthorsCopyright (C) 2011 The Guava AuthorsCopyright (C) 2011 The Guava Authors.Copyright (C) 2012 The Guava AuthorsCopyright (C) 2013 The Guava AuthorsCopyright (C) 2014 The Guava AuthorsCopyright (C) 2015 The Guava AuthorsCopyright (C) 2016 The Guava AuthorsCopyright (C) 2017 The Guava AuthorsCopyright (C) 2018 The Guava AuthorsCopyright (C) 2019 The Guava AuthorsCopyright (C) 2020 The Guava AuthorsCopyright (C) 2021 The Guava AuthorsCopyright 2011 Google Inc. All Rights Reserved.Copyright 2019 The Guava Authors

**License:** Apache License V2.0

Please see above

**Software:** gunicorn 22.0.0

**Copyright notice:**

(c) Benoit Chesneau <benoitc@gunicorn.org> 2009-2015(c) Paul J. Davis <paul.joseph.davis@gmail.com>Copyright 2013 Dariusz SuchojadCopyright 2001-2005 by Vinay Sajip. All Rights ReservedCopyright (c) 2007-2010, Linden Research, Inc.Copyright (c) 2008-2010, EventletCopyright (c) 2005-2006, Bob IppolitoCopyright 2009 Paul J. Davis <paul.joseph.davis@gmail.com>(c) Meebo, Inc.

**License:** MIT License

Please see above

**Software:** has 1.0.3

**Copyright notice:**

Copyright (c) 2013 Thiago de Arruda

**License:** MIT License

Please see above

**Software:** has-symbols 1.0.3

**Copyright notice:**

Copyright (c) 2016 Jordan Harband

**License:** MIT License

Please see above

**Software:** Hibernate Commons Annotations 5.1.2.Final

**Copyright notice:**

No copyright notice found in source files of this software

**License:** LGPL V2.1

GNU Lesser General Public LicenseVersion 2.1, February 1999Copyright (C) 1991, 1999 Free Software Foundation, Inc.59 Temple Place, Suite 330, Boston, MA 02111-1307 USAEveryone is permitted to copy and distribute verbatim copiesof this license document, but changing it is not allowed.[This is the first released version of the Lesser GPL. It also countsas the successor of the GNU Library Public License, version 2, hencethe version number 2.1.]PreambleThe licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below. When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it. For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights. We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library. To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others. Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license. Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs. When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library. We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances. For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License. In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system. Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library. The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run. TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables. The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".) "Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does. 1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library. You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee. 2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions: a) The modified work must itself be a software library. b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License. d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful. (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.) These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it. Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library. In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License. 3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices. Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy. This option is useful when you wish to copy part of the code of the Library into a program that is not a library. 4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange. If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License. However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables. When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law. If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.) Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself. 6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications. You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things: a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.) b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with. c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution. d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place. e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable. It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute. 7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things: a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above. b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance. 9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it. 10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License. 11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library. If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances. It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice. This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License. 12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License. 13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation. 14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally. NO WARRANTY 15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION. 16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. END OF TERMS AND CONDITIONSHow to Apply These Terms to Your New LibrariesIf you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License). To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found. one line to give the library's name and an idea of what it does.Copyright (C) year name of author This library is free software; you can redistribute it and/ormodify it under the terms of the GNU Lesser General PublicLicense as published by the Free Software Foundation; eitherversion 2.1 of the License, or (at your option) any later version.This library is distributed in the hope that it will be useful,but WITHOUT ANY WARRANTY; without even the implied warranty ofMERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNULesser General Public License for more details.You should have received a copy of the GNU Lesser General PublicLicense along with this library; if not, write to the Free SoftwareFoundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USAAlso add information on how to contact you by electronic and paper mail. You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names: Yoyodyne, Inc., hereby disclaims all copyright interest inthe library `Frob' (a library for tweaking knobs) writtenby James Random Hacker.signature of Ty Coon, 1 April 1990Ty Coon, President of ViceThat's all there is to it!

**Software:** Hibernate Validator 6.2.5.Final

**Copyright notice:**

Copyright 2009 IIZUKA Software Technologies LtdCopyright (c) 2004, 2006 The Linux Foundation and its contributors(c) 2012 SERLI(c) 2011 SERLI

**License:** Apache License V2.0

Please see above

**Software:** HikariCP 4.0.3

**Copyright notice:**

(C) 2020 Christian SteinCopyright (C) 2013 Brett WooldridgeCopyright (C) 2013, 2014 Brett WooldridgeCopyright (C) 2013, 2017 Brett WooldridgeCopyright (C) 2013, 2019 Brett WooldridgeCopyright (C) 2013,2014 Brett WooldridgeCopyright (C) 2014 Brett WooldridgeCopyright (C) 2015 Brett WooldridgeCopyright (C) 2016 Brett WooldridgeCopyright (C) 2017 Brett WooldridgeCopyright (C) 2019 Brett Wooldridge

**License:** Apache License V2.0

Please see above

**Software:** http-errors 2.0.0

**Copyright notice:**

Copyright (c) 2014 Jonathan OngCopyright (c) 2016 Douglas Christopher Wilson doug@somethingdoug.comCopyright (c) 2016 Douglas Christopher WilsonCopyright (c) 2014 Jonathan Ong me@jongleberry.com

**License:** MIT License

Please see above

**Software:** http-proxy-middleware 2.0.4

**Copyright notice:**

Copyright (c) 2006, 2008 Junio C HamanoCopyright (c) 2015 Steven ChimCopyright (c) 2015-2022 Steven ChimCopyright (c) 2015-2022 Steven ChimCopyright (c) 2015 Steven Chim

**License:** MIT License

Please see above

**Software:** iconv-lite 0.4.24

**Copyright notice:**

Copyright (c) 2011 Alexander Shtuchkin

**License:** MIT License

Please see above

**Software:** iconv-lite 0.6.3

**Copyright notice:**

Copyright (c) 2011 Alexander Shtuchkin

**License:** MIT License

Please see above

**Software:** immediate 3.0.6

**Copyright notice:**

Copyright (c) 2012 Barnesandnoble.com, llc, Donavon West, Domenic Denicola, Brian Cavalier

**License:** MIT License

Please see above

**Software:** import-html-entry 1.14.6

**Copyright notice:**

Copyright (c) 2018 Kuitos

**License:** MIT License

Please see above

**Software:** importlib-metadata 6.8.0

**Copyright notice:**

No copyright notice found in source files of this software

**License:** Apache License V2.0

Please see above

**Software:** inherits 2.0.4

**Copyright notice:**

Copyright (c) Isaac Z. Schlueter

**License:** ISC License

Please see above

**Software:** internmap 2.0.3

**Copyright notice:**

Copyright 2021 Mike Bostock

**License:** ISC License

Please see above

**Software:** invoke 2.0.0

**Copyright notice:**

(c) Load a REPL with project stateCopyright (c) 2005-2017, Michele SimionatoCopyright 2007-2010 by the Sphinx teamCopyright (c) 2020 Jeff ForcierCopyright (c) 2010-2015 Benjamin Peterson

**License:** BSD 2-Clause License

Please see above

**Software:** ipaddr.js 1.9.1

**Copyright notice:**

Copyright (C) 2011-2017 whitequark <whitequark@whitequark.org>

**License:** MIT License

Please see above

**Software:** iperf 3.11

**Copyright notice:**

Copyright (c) 1996-2021 Free Software Foundation, Inc.Copyright (c) 1996-2001, 2003-2015 Free Software Foundation, Inc.Copyright (c) 2014 Free Software Foundation, Inc.Copyright (c) 2011 Free Software Foundation, Inc.Copyright (c) 2004-2005, 2007-2009, 2011-2015 Free Software Foundation, Inc.Copyright (c) 2004-2005, 2007-2008, 2011-2015 Free Software Foundation, Inc.Copyright (c) 2004, 2011-2015 Free Software Foundation, Inc.Copyright (c) 2004-2005, 2007, 2009, 2011-2015 Free Software Foundation, Inc.Copyright (c) 2002-2021 Free Software Foundation, Inc.Copyright (c) 2001-2021 Free Software Foundation, Inc.Copyright (c) 1997-2021 Free Software Foundation, Inc.Copyright (c) 1999-2021 Free Software Foundation, Inc.Copyright (c) 2003-2021 Free Software Foundation, Inc.Copyright (c) 2009-2021 Free Software Foundation, Inc.Copyright (c) 2006-2021 Free Software Foundation, Inc.Copyright (c) 2004-2021 Free Software Foundation, Inc.Copyright (c) 2014, The Regents of the University of California, through Lawrence Berkeley National LaboratoryCopyright (c) 1992-1996, 1998-2017, 2020-2022 Free Software Foundation, Inc.Copyright (c) 2021 Free Software Foundation, Inc.Copyright (c) 2009,2010 Zmanda Inc.Copyright (c) 2009,2010 Dustin J. MitchellCopyright (c) 2014-2022, The Regents of the University of California, through Lawrence Berkeley National LaboratoryCopyright (c) 1994, 1995, 1996, 1999, 2000, 2001, 2002, 2004, 2005 Free Software Foundation, Inc.Copyright (c) 2009-2017 Dave Gamble and cJSON contributorsCopyright (c) 2005-2007 Russ Cox, Massachusetts Institute of TechnologyCopyright (c) 2003 by Lucent TechnologiesCopyright (c) 2001 Eric JacksonCopyright (c) 1991, 1993 The Regents of the University of CaliforniaCopyright (c) 1999,2000,2001,2002,2003 The Board of Trustees of the University of IllinoisCopyright (c) 1994-2021 Free Software Foundation, Inc.Copyright 1992-2013 Free Software Foundation, Inc.Copyright (c) 1994 X ConsortiumCopyright (c) 1996-2015 Free Software Foundation, Inc.Copyright (c) 2004-2015 Free Software Foundation, Inc.Copyright (c) 2010-2015 Free Software Foundation, Inc.Copyright (c) 2011-2013 Free Software Foundation, Inc.Copyright (c) 2014-2022, ESnetCopyright (c) 2000 Markus FriedlCopyright (c) 2005,2006 Damien MillerCopyright (c) 2014-2020, The Regents of the University of California, through Lawrence Berkeley National LaboratoryCopyright (c) 2014-2017, The Regents of the University of California, through Lawrence Berkeley National LaboratoryCopyright (c) 2014-2019, The Regents of the University of California, through Lawrence Berkeley National LaboratoryCopyright (c) 2014-2022 The Regents of the University of California, through Lawrence Berkeley National LaboratoryCopyright (c) 2014-2018, The Regents of the University of California, through Lawrence Berkeley National LaboratoryCopyright (c) 2014, 2016, 2017, The Regents of the University of California, through Lawrence Berkeley National LaboratoryCopyright (c) 2011 The NetBSD Foundation, Inc.Copyright http://swtch.com/libtask/COPYRIGHTCopyright (c) 2014, 2017, The Regents of the University of California, through Lawrence Berkeley National LaboratoryCopyright (c) 2017-2020, The Regents of the University of California, through Lawrence Berkeley National LaboratoryCopyright (c) 2020, The Regents of the University of California, through Lawrence Berkeley National Laboratory

**License:** BSD 3-Clause License

Please see above

**Software:** is-extglob 2.1.1

**Copyright notice:**

Copyright (c) 2014-2016, Jon SchlinkertCopyright (c) 2016, Jon Schlinkert (https://github.com/jonschlinkert)Copyright (c) 2014-2015, Jon Schlinkert

**License:** MIT License

Please see above

**Software:** is-glob 4.0.3

**Copyright notice:**

Copyright (c) 2014-2017, Jon SchlinkertCopyright (c) 2019, Jon Schlinkert (https://github.com/jonschlinkert)Copyright (c) 2014-2015, Jon Schlinkert

**License:** MIT License

Please see above

**Software:** is-number 7.0.0

**Copyright notice:**

Copyright (c) 2014-present, Jon SchlinkertCopyright (c) 2018, Jon Schlinkert (https://github.com/jonschlinkert)Copyright (c) 2014-2018, Jon Schlinkert

**License:** MIT License

Please see above

**Software:** is-plain-obj 3.0.0

**Copyright notice:**

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https:sindresorhus.com)

**License:** MIT License

Please see above

**Software:** isaacs/core-util-is 1.0.3

**Copyright notice:**

Copyright Joyent, Inc. and other Node contributors

**License:** MIT License

Please see above

**Software:** isarray 1.0.0

**Copyright notice:**

Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

**License:** MIT License

Please see above

**Software:** iStack Common Utility Code 3.0.7

**Copyright notice:**

Copyright (c) 1997, 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2017 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2012, 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2017, 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2005, 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2013, 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2010, 2018 Oracle and/or its affiliates. All rights reserved.

**License:** Eclipse Distribution License V1.0

Eclipse Distribution License - v 1.0Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.All rights reserved.Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

**Software:** j2objc 2.8

**Copyright notice:**

Copyright 2011 Google Inc.Copyright 2012 Google Inc.Copyright (c) 2016 com.googleCopyright (c) 2017 The Bazel AuthorsCopyright 2007 Google Inc.Copyright (c) 2008 The Android Open Source ProjectCopyright (c) 2006 The Android Open Source ProjectCopyright (c) 2009 The Android Open Source ProjectCopyright (c) 2012 The Android Open Source ProjectCopyright (c) 2013 The Android Open Source ProjectCopyright (c) 2010 The Android Open Source ProjectCopyright (c) 2011 The Android Open Source ProjectCopyright (c) 2007 The Android Open Source Project(c) 2016 and later Unicode, Inc. and othersCopyright (c) 2005-2006, International Business Machines Corporation and othersCopyright (c) 2009-2015, International Business Machines Corporation and othersCopyright (c) 2010, International Business Machines Corporation and othersCopyright (c) 2016, International Business Machines Corporation and othersCopyright (c) 1996-2011, International Business Machines Corporation and othersCopyright (c) 2009,2016 International Business Machines Corporation and othersCopyright (c) 2013, International Business Machines Corporation and othersCopyright (c) 1996-2010, International Business Machines Corporation and othersCopyright (c) 1996-2015, International Business Machines Corporation and othersCopyright (c) 2015, International Business Machines Corporation and others(c) 2017 and later Unicode, Inc. and othersCopyright (c) 2009-2016, International Business Machines Corporation and othersCopyright (c) 2007-2016, International Business Machines Corporation and othersCopyright (c) 2013-2014, International Business Machines Corporation and othersCopyright (c) 2003-2014, International Business Machines Corporation and othersCopyright (c) 2007-2009 International Business Machines Corporation and othersCopyright (c) 2008-2015, International Business Machines Corporation and othersCopyright (c) 2004-2014, International Business Machines Corporation and othersCopyright (c) 2001-2010, International Business Machines Corporation and othersCopyright (c) 2001-2016, International Business Machines Corporation and othersCopyright (c) 2001-2009, International Business Machines Corporation and othersCopyright (c) 2005-2016, International Business Machines Corporation and othersCopyright (c) 2004-2016, International Business Machines Corporation and othersCopyright (c) 2009-2014, International Business Machines Corporation and othersCopyright (c) 2001-2013, International Business Machines Corporation and othersCopyright (c) 2003-2010, International Business Machines Corporation and othersCopyright (c) 2009, Google, International Business Machines Corporation and othersCopyright (c) 2006-2015, International Business Machines Corporation and othersCopyright (c) 2007-2015, Google Inc, International Business Machines Corporation and othersCopyright (c) 2008-2014, International Business Machines Corporation and othersCopyright (c) 2003-2011, International Business Machines Corporation and othersCopyright (c) 2009-2013, International Business Machines Corporation and othersCopyright (c) 1996-2007, International Business Machines Corporation and othersCopyright (c) 2014, International Business Machines Corporation and othersCopyright (c) 2011, International Business Machines Corporation and othersCopyright (c) 2006-2009, Google, International Business Machines Corporation and othersCopyright (c) 2008-2016, International Business Machines Corporation and othersCopyright (c) 1996-2009, International Business Machines Corporation and othersCopyright (c) 2002-2015, International Business Machines Corporation and othersCopyright (c) 2002-2014, Google, International Business Machines Corporation and othersCopyright (c) 2007-2015 International Business Machines Corporation and othersCopyright (c) 2014-2016, International Business Machines Corporation and othersCopyright (c) 2010-2016, International Business Machines Corporation and othersCopyright (c) 2002-2010, International Business Machines Corporation and othersCopyright (c) 2003-2015, International Business Machines Corporation and othersCopyright (c) 1996-2015, Google, Inc., International Business Machines Corporation and othersCopyright (c) 2007-2011, International Business Machines Corporation and othersCopyright (c) 2011-2016, International Business Machines Corporation and othersCopyright (c) 2009, International Business Machines Corporation and othersCopyright (c) 2004-2015, International Business Machines Corporation and othersCopyright (c) 1996-2014, International Business Machines Corporation and othersCopyright (c) 1996-2016, International Business Machines Corporation and othersCopyright (c) 1996-2004, International Business Machines Corporation and othersCopyright (c) 2009-2015, Google, International Business Machines Corporation and othersCopyright (c) 2015-2016, International Business Machines Corporation and othersCopyright (c) 2005-2015, International Business Machines Corporation and othersCopyright (c) 2010-2014, International Business Machines Corporation and othersCopyright (c) 2003-2016 International Business Machines Corporation and othersCopyright (c) 2010-2015, International Business Machines Corporation and othersCopyright (c) 2013-2015, International Business Machines Corporation and othersCopyright (c) 2012-2015, International Business Machines Corporation and othersCopyright (c) 2012-2016, International Business Machines Corporation and othersCopyright (c) 2012-2014, International Business Machines Corporation and othersCopyright (c) 1999-2015, International Business Machines Corporation and othersCopyright (c) 1996-2005, International Business Machines Corporation and othersCopyright (c) 2001-2015, International Business Machines Corporation and othersCopyright (c) 2007-2013, International Business Machines Corporation and othersCopyright (c) 2007-2014, International Business Machines Corporation and othersCopyright (c) 2007-2009, International Business Machines Corporation and othersCopyright (c) 2007-2010, International Business Machines Corporation and othersCopyright (c) 2007, International Business Machines Corporation and othersCopyright (c) 2009-2011, International Business Machines Corporation and othersCopyright (c) 2007-2015, International Business Machines Corporation and othersCopyright (c) 2007-2012, International Business Machines Corporation and othersCopyright (c) 2009-2010, International Business Machines Corporation and othersCopyright (c) 2010-2013, International Business Machines Corporation and othersCopyright (c) 2010-2014, Google, International Business Machines Corporation and othersCopyright (c) 1996-2013, International Business Machines Corporation and othersCopyright (c) 2001-2016 International Business Machines Corporation and othersCopyright (c) 1999-2014, International Business Machines Corporation and othersCopyright IBM Corporation, 1996-2016Copyright (c) IBM Corporation 1996, 2000Copyright IBM Corporation, 1997, 2000, 2005, 2007Copyright (c) 2008-2016, Google Inc, International Business Machines Corporation and othersCopyright (c) 2002-2014, International Business Machines Corporation and othersCopyright (c) 2001-2012, International Business Machines Corporation and othersCopyright (c) 2001-2008, International Business Machines Corporation and othersCopyright (c) 2000-2009, International Business Machines Corporation and othersCopyright (c) 2001-2014, International Business Machines Corporation and othersCopyright (c) 2002-2016, International Business Machines Corporation and othersCopyright (c) 2009-2011, Google, International Business Machines Corporation and othersCopyright (c) 2005 - 2012, International Business Machines Corporation and othersCopyright (c) 2005-2012, International Business Machines Corporation and othersCopyright (c) 2005-2013, International Business Machines Corporation and othersCopyright (c) 2005 - 2014, International Business Machines Corporation and othersCopyright (c) 2000-2014, International Business Machines Corporation and othersCopyright (c) 2003-2016, International Business Machines Corporation and othersCopyright (c) 1996-2016, Google, International Business Machines Corporation and othersCopyright (c) IBM Corporation 1999Copyright (c) 2006-2016, Google, International Business Machines Corporation and othersCopyright (c) 2012, International Business Machines Corporation and othersCopyright (c) 2001-2011, International Business Machines Corporation and othersCopyright (c) 2012-2016, Google, International Business Machines Corporation and othersCopyright (c) 2011-2014, International Business Machines Corporation and othersCopyright (c) 2000-2016, International Business Machines Corporation and othersCopyright (c) 2008-2015, Google, International Business Machines Corporation and othersCopyright (c) 2013, Google Inc, International Business Machines Corporation and othersCopyright (c) 2013-2016, International Business Machines Corporation and othersCopyright (c) 2002-2009 International Business Machines Corporation and othersCopyright (c) 2004-2009, International Business Machines Corporation and othersCopyright (c) 2004-2010, International Business Machines Corporation and othersCopyright (c) 2005-2016 International Business Machines Corporation and othersCopyright (c) IBM Corporation 1999-2000Copyright (c) 2009, Yahoo! Inc.Copyright (c) 2010-2011, Google, International Business Machines Corporation and othersCopyright (c) 2008-2016 International Business Machines Corporation and othersCopyright (c) 2001-2004, International Business Machines Corporation and othersCopyright (c) 2002-2007, International Business Machines Corporation and othersCopyright (c) 1996-2009, Google, International Business Machines Corporation and othersCopyright (c) 2008-2014, Google, International Business Machines Corporation and othersCopyright (c) 2009-2010, Google, International Business Machines Corporation and othersCopyright (c) 2002-2011, International Business Machines Corporation and othersCopyright (c) 2002, International Business Machines Corporation and othersCopyright (c) 1996-2012, International Business Machines Corporation and othersCopyright (c) 2005-2011, International Business Machines Corporation and othersCopyright (c) 2008-2009, International Business Machines Corporation and othersCopyright (c) 2003-2016, Google, International Business Machines Corporation and othersCopyright (c) 2014-2015, International Business Machines Corporation and othersCopyright (c) 2009-2012, International Business Machines Corporation and othersCopyright (c) 2007-2008, International Business Machines Corporation and othersCopyright (c) 2009-2016, International Business Machines Corporation, Google, Inc. and othersCopyright (c) 2009-2016, Google, Inc. International Business Machines Corporation and othersCopyright (c) 2010-2016, Google, Inc. International Business Machines Corporation and othersCopyright (c) 2004-2013, International Business Machines Corporation and othersCopyright (c) 2004-2016, Google Inc, International Business Machines Corporation and othersCopyright (c) 2011-2016, International Business Machines CorporationCopyright (c) 2005-2010, International Business Machines Corporation and othersCopyright (c) 2008-2009, Google, International Business Machines Corporation and othersCopyright (c) 2004-2006, International Business Machines Corporation and othersCopyright (c) 2016 and later Unicode, Inc. and othersCopyright (c) 2012-2015 International Business Machines Corporation and others(c) 2016 Unicode(r), Inc.Copyright 2003-2005 http://idnconnect.jdna.jp/testbed.htmlCopyright (c) 2003-2012, International Business Machines Corporation and othersCopyright (c) 2003 National Electronics and Computer Technology Center and othersCopyright (c) 2005-2008, International Business Machines Corporation and othersCopyright (c) 2005, International Business Machines Corporation and othersCopyright (c) 2005-2009, International Business Machines Corporation and othersCopyright (c) 2006-2008, International Business Machines Corporation and othersCopyright (c) 1999-2004, International Business Machines Corporation and othersCopyright (c) 1991-2013 Unicode, Inc.(c) 2002 and later Unicode, Inc. and othersCopyright (c) 2000-2005, International Business Machines Corporation and othersCopyright (c) 2001-2007, International Business Machines Corporation and othersCopyright (c) 2006-2016, International Business Machines Corporation and othersCopyright (c) 2000-2004, International Business Machines Corporation and othersCopyright (c) 2002-2004, International Business Machines Corporation and othersCopyright (c) 2008-2010, International Business Machines Corporation and othersCopyright (c) 2000-2015, International Business Machines Corporation and othersCopyright (c) IBM Corporation 1996-2010Copyright (c) 2000-2009,2011 International Business Machines Corporation and othersCopyright (c) 2005-2015 IBM Corporation and othersCopyright (c) 1991-2005 Unicode, Inc.Copyright 2006 Google Inc.(c) Copyright Taligent, Inc. 1996, 1997(c) Copyright IBM Corp. 1996-2012Copyright (c) 2012-2013, Google, International Business Machines Corporation and othersCopyright (c) 2011-2012, International Business Machines Corporation and others(c) Copyright Taligent, Inc. 1996(c) Copyright IBM Corp. 1996Copyright (c) 2004, 2012 International Business Machines Corporation and othersCopyright (c) 2004-2011, International Business Machines Corporation and othersCopyright (c) 2010, Yahoo! Inc.Copyright (c) 2004, International Business Machines Corporation and othersCopyright (c) 2007-2016, Google, International Business Machines Corporation and othersCopyright (c) 2001, International Business Machines Corporation and + othersCopyright (c) 1999-2010, International Business Machines Corporation and othersCopyright (c) 1996-2006, International Business Machines Corporation and othersCopyright (c) 2004-2008, International Business Machines Corporation and othersCopyright (c) 2008, International Business Machines Corporation and othersCopyright (c) 1998-2010, International Business Machines Corporation and Unicode, Inc.Copyright (c) 2002-2010, International Business Machines Corporation and Unicode, Inc.Copyright (c) 1998-2007 International Business Machines Corporation and Unicode, Inc.Copyright (c) 1998-2003 International Business Machines Corporation and Unicode, Inc.Copyright (c) 2004-2016 International Business Machines Corporation and others(c) . SimplifiesCopyright (c) 2001-2006, International Business Machines Corporation and othersCopyright (c) 2003-2007, International Business Machines Corporation and othersCopyright (c) 2003-2009, International Business Machines Corporation and othersCopyright (c) 2009-2014, Google, International Business Machines Corporation and othersCopyright (c) 2000-2013, International Business Machines Corporation and othersCopyright (c) 2000-2010, International Business Machines Corporation and othersCopyright (c) 2007-2016, International Business Machines Corporation and OthersCopyright (c) 1996-2008, International Business Machines Corporation and othersCopyright (c) 2003-2012, Google, International Business Machines Corporation and othersCopyright (c) 2015, Google, Inc., International Business Machines Corporation and othersCopyright (c) 2009-2015, Google, Inc. International Business Machines Corporation and othersCopyright (c) 2009-2010, Google, Inc. International Business Machines Corporation and othersCopyright (c) 2011, Google, International Business Machines Corporation and othersCopyright (c) 2011-2012, Google, International Business Machines Corporation and othersCopyright 2005-2012 IBM.Copyright (c) 2012 Google Inc.Copyright (c) 2011 Google Inc.Copyright (c) 2014 Square, Inc.Copyright 2014 Square Inc.Copyright (c) 2015 Square, Inc.Copyright (c) 1989, 1991 Free Software Foundation, Inc.copyrighted by the Free Software FoundationCopyright 2005-2008 The Android Open Source ProjectCopyright 2006 The Apache Software FoundationCopyright (c) 1995-2014 International Business Machines Corporation and othersCopyright (c) 2002,2003, Stefan Haustein, Oberhausen, Rhld., GermanyCopyright (c) 2000 World Wide Web Consortium, (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University)Copyright (c) 1993 by Sun Microsystems, Inc.Copyright (c) 2018 The Android Open Source ProjectCopyright (c) 2016 The Android Open Source ProjectCopyright (c) 2014 The Android Open Source ProjectCharacter (c) CharacterCopyright (c) 1991-2006 Unicode, Inc.Copyright (c) 2017 The Android Open Source ProjectCopyright (c) 2019 The Android Open Source ProjectCopyright (c) 2004 World Wide Web ConsortiumCopyright 2016 The Android Open Source ProjectCopyright 2014 The Android Open Source ProjectCopyright (c) 2013 Google Inc.Copyright (c) 2010 Google Inc.Copyright (c) 2015 The Android Open Source ProjectCopyright 2015 The Android Open Source ProjectCopyright 2013 The Android Open Source ProjectCopyright (c) 2003, International Business Machines Corporation and others(c) Copyright IBM Corp. 1996-2005(c) Copyright IBM Corp. and others, 1996-2009Copyright (c) 2003-2004, International Business Machines Corporation and others(c) Copyright IBM Corp. 1996-2003(c) Copyright IBM Corp. 1999-2003(c) Copyright Taligent, Inc. 1996 - 1997(c) Copyright IBM Corp. 1996 - 1998(c) Copyright IBM Corp. 1996-1998(c) Copyright IBM Corp. 1996 - 1999(c) Copyright IBM Corp. 1996 - 2002(c) Copyright IBM Corp. 1996, 1997(c) Copyright Taligent, Inc. 1996,1997(c) Copyright Taligent, Inc. 1996-1998Copyright (c) 1998, 1999, Oracle and/or its affiliatesCopyright (c) 1998, 2003, Oracle and/or its affiliatesCopyright (c) 1998, 2006, Oracle and/or its affiliatesCopyright (c) 1998, 2010, Oracle and/or its affiliatesCopyright (c) 1998, 2011, Oracle and/or its affiliatesCopyright (c) 2000, 2004, Oracle and/or its affiliatesCopyright (c) 2000, 2009, Oracle and/or its affiliatesCopyright (c) 2001, 2005, Oracle and/or its affiliatesCopyright (c) 2001, 2010, Oracle and/or its affiliatesCopyright (c) 2003, 2006, Oracle and/or its affiliatesCopyright (c) 1999, 2007, Oracle and/or its affiliatesCopyright (c) 1999, 2011, Oracle and/or its affiliatesCopyright (c) 2001, Oracle and/or its affiliatesCopyright (c) 1998, Oracle and/or its affiliatesCopyright (c) 1999, 2001, Oracle and/or its affiliatesCopyright (c) 1999, 2006, Oracle and/or its affiliatesCopyright (c) 2000, 2006, Oracle and/or its affiliatesCopyright (c) 2000, 2011, Oracle and/or its affiliatesCopyright (c) 2000, Oracle and/or its affiliatesCopyright (c) 2001, 2006, Oracle and/or its affiliatesCopyright (c) 2005, Oracle and/or its affiliatesCopyright (c) 2003, 2010, Oracle and/or its affiliatesCopyright (c) 2003, Oracle and/or its affiliatesCopyright (c) 1991-2007 Unicode, Inc.Copyright (c) 1991-2011 Unicode, Inc.Copyright (c) 1994, 2006, Oracle and/or its affiliatesCopyright (c) 1994, 2008, Oracle and/or its affiliatesCopyright (c) 1994, 2009, Oracle and/or its affiliatesCopyright (c) 1994, 2010, Oracle and/or its affiliatesCopyright (c) 1994, 2011, Oracle and/or its affiliatesCopyright (c) 1994, 2013, Oracle and/or its affiliatesCopyright (c) 1995, 2000, Oracle and/or its affiliatesCopyright (c) 1995, 2006, Oracle and/or its affiliatesCopyright (c) 1995, 2007, Oracle and/or its affiliatesCopyright (c) 1995, 2008, Oracle and/or its affiliatesCopyright (c) 1995, 2010, Oracle and/or its affiliatesCopyright (c) 1995, 2011, Oracle and/or its affiliatesCopyright (c) 1995, 2013, Oracle and/or its affiliatesCopyright (c) 1996, 2004, Oracle and/or its affiliatesCopyright (c) 1996, 2006, Oracle and/or its affiliatesCopyright (c) 1996, 2008, Oracle and/or its affiliatesCopyright (c) 1996, 2009, Oracle and/or its affiliatesCopyright (c) 1996, 2010, Oracle and/or its affiliatesCopyright (c) 1996, 2011, Oracle and/or its affiliatesCopyright (c) 1996, 2012, Oracle and/or its affiliatesCopyright (c) 1996, 2013, Oracle and/or its affiliatesCopyright (c) 1997, 2005, Oracle and/or its affiliatesCopyright (c) 1997, 2006, Oracle and/or its affiliatesCopyright (c) 1997, 2007, Oracle and/or its affiliatesCopyright (c) 1997, 2008, Oracle and/or its affiliatesCopyright (c) 1997, 2009, Oracle and/or its affiliatesCopyright (c) 1997, 2010, Oracle and/or its affiliatesCopyright (c) 1997, 2011, Oracle and/or its affiliatesCopyright (c) 1997, 2012, Oracle and/or its affiliatesCopyright (c) 1997, 2013, Oracle and/or its affiliatesCopyright (c) 1998, 2005, Oracle and/or its affiliatesCopyright (c) 1999, 2005, Oracle and/or its affiliatesCopyright (c) 1999, 2009, Oracle and/or its affiliatesCopyright (c) 1999, 2010, Oracle and/or its affiliatesCopyright (c) 2000, 2003, Oracle and/or its affiliatesCopyright (c) 2000, 2005, Oracle and/or its affiliatesCopyright (c) 2000, 2008, Oracle and/or its affiliatesCopyright (c) 2000, 2010, Oracle and/or its affiliatesCopyright (c) 2000, 2012, Oracle and/or its affiliatesCopyright (c) 2000, 2013, Oracle and/or its affiliatesCopyright (c) 2001, 2002, Oracle and/or its affiliatesCopyright (c) 2001, 2008, Oracle and/or its affiliatesCopyright (c) 2001, 2012, Oracle and/or its affiliatesCopyright (c) 2002, 2005, Oracle and/or its affiliatesCopyright (c) 2002, 2006, Oracle and/or its affiliatesCopyright (c) 2002, 2010, Oracle and/or its affiliatesCopyright (c) 2003, 2004, Oracle and/or its affiliatesCopyright (c) 2003, 2008, Oracle and/or its affiliatesCopyright (c) 2003, 2009, Oracle and/or its affiliatesCopyright (c) 2003, 2011, Oracle and/or its affiliatesCopyright (c) 2004, Oracle and/or its affiliatesCopyright (c) 2005, 2006, Oracle and/or its affiliatesCopyright (c) 2005, 2008, Oracle and/or its affiliatesCopyright (c) 2005, 2010, Oracle and/or its affiliatesCopyright (c) 2005, 2011, Oracle and/or its affiliatesCopyright (c) 2005, 2012, Oracle and/or its affiliatesCopyright (c) 2005, 2013 Oracle and/or its affiliatesCopyright (c) 2006, Oracle and/or its affiliatesCopyright (c) 2007, 2008, Oracle and/or its affiliatesCopyright (c) 2008, 2009, Oracle and/or its affiliatesCopyright (c) 2009, 2011, Oracle and/or its affiliatesCopyright (c) 1994, 1995, Oracle and/or its affiliatesCopyright (c) 1994, 1998, Oracle and/or its affiliatesCopyright (c) 1994, 2000, Oracle and/or its affiliatesCopyright (c) 1994, 2001, Oracle and/or its affiliatesCopyright (c) 1994, 2002, Oracle and/or its affiliatesCopyright (c) 1994, 2003, Oracle and/or its affiliatesCopyright (c) 1994, 2004, Oracle and/or its affiliatesCopyright (c) 1994, 2005, Oracle and/or its affiliatesCopyright (c) 1995, 1996, Oracle and/or its affiliatesCopyright (c) 1995, 1997, Oracle and/or its affiliatesCopyright (c) 1995, 1999, Oracle and/or its affiliatesCopyright (c) 1995, 2001, Oracle and/or its affiliatesCopyright (c) 1995, 2003, Oracle and/or its affiliatesCopyright (c) 1995, 2004, Oracle and/or its affiliatesCopyright (c) 1995, 2005, Oracle and/or its affiliatesCopyright (c) 1995, 2012, Oracle and/or its affiliatesCopyright (c) 1995, Oracle and/or its affiliatesCopyright (c) 1996, 1997, Oracle and/or its affiliatesCopyright (c) 1996, 1998, Oracle and/or its affiliatesCopyright (c) 1996, 1999, Oracle and/or its affiliatesCopyright (c) 1996, 2000, Oracle and/or its affiliatesCopyright (c) 1996, 2001, Oracle and/or its affiliatesCopyright (c) 1996, 2002, Oracle and/or its affiliatesCopyright (c) 1996, 2003, Oracle and/or its affiliatesCopyright (c) 1996, 2005, Oracle and/or its affiliatesCopyright (c) 1996, 2007, Oracle and/or its affiliatesCopyright (c) 1996, Oracle and/or its affiliatesCopyright (c) 1997, 1998, Oracle and/or its affiliatesCopyright (c) 1997, 1999, Oracle and/or its affiliatesCopyright (c) 1997, 2000, Oracle and/or its affiliatesCopyright (c) 1997, 2001, Oracle and/or its affiliatesCopyright (c) 1997, 2002, Oracle and/or its affiliatesCopyright (c) 1997, 2003, Oracle and/or its affiliatesCopyright (c) 1997, 2004, Oracle and/or its affiliatesCopyright (c) 1997, Oracle and/or its affiliatesCopyright (c) 1998, 2001, Oracle and/or its affiliatesCopyright (c) 1998, 2002, Oracle and/or its affiliatesCopyright (c) 1998, 2004, Oracle and/or its affiliatesCopyright (c) 1998, 2007, Oracle and/or its affiliatesCopyright (c) 1998, 2008, Oracle and/or its affiliatesCopyright (c) 1998, 2009, Oracle and/or its affiliatesCopyright (c) 1998, 2012, Oracle and/or its affiliatesCopyright (c) 1999, 2000, Oracle and/or its affiliatesCopyright (c) 1999, 2002, Oracle and/or its affiliatesCopyright (c) 1999, 2003, Oracle and/or its affiliatesCopyright (c) 1999, 2004, Oracle and/or its affiliatesCopyright (c) 1999, 2008, Oracle and/or its affiliatesCopyright (c) 1999, 2012, Oracle and/or its affiliatesCopyright (c) 1999, Oracle and/or its affiliatesCopyright (c) 2000, 2001, Oracle and/or its affiliatesCopyright (c) 2000, 2002, Oracle and/or its affiliatesCopyright (c) 2000, 2007, Oracle and/or its affiliatesCopyright (c) 2001, 2003, Oracle and/or its affiliatesCopyright (c) 2001, 2004, Oracle and/or its affiliatesCopyright (c) 2001, 2007, Oracle and/or its affiliatesCopyright (c) 2001, 2009, Oracle and/or its affiliatesCopyright (c) 2001, 2011, Oracle and/or its affiliatesCopyright (c) 2002, 2003, Oracle and/or its affiliatesCopyright (c) 2002, 2004, Oracle and/or its affiliatesCopyright (c) 2002, 2007, Oracle and/or its affiliatesCopyright (c) 2002, 2008, Oracle and/or its affiliatesCopyright (c) 2002, 2009, Oracle and/or its affiliatesCopyright (c) 2002, 2011, Oracle and/or its affiliatesCopyright (c) 2002, 2012, Oracle and/or its affiliatesCopyright (c) 2002, 2013, Oracle and/or its affiliatesCopyright (c) 2002, Oracle and/or its affiliatesCopyright (c) 2003, 2005, Oracle and/or its affiliatesCopyright (c) 2003, 2007, Oracle and/or its affiliatesCopyright (c) 2003, 2013, Oracle and/or its affiliatesCopyright (c) 2003,2010, Oracle and/or its affiliatesCopyright (c) 2004, 2005, Oracle and/or its affiliatesCopyright (c) 2004, 2008, Oracle and/or its affiliatesCopyright (c) 2004, 2009, Oracle and/or its affiliatesCopyright (c) 2004, 2010, Oracle and/or its affiliatesCopyright (c) 2004, 2011, Oracle and/or its affiliatesCopyright (c) 2004, 2012, Oracle and/or its affiliatesCopyright (c) 2005, 2007, Oracle and/or its affiliatesCopyright (c) 2005, 2009, Oracle and/or its affiliatesCopyright (c) 2006, 2007, Oracle and/or its affiliatesCopyright (c) 2006, 2011, Oracle and/or its affiliatesCopyright (c) 2006, 2012, Oracle and/or its affiliatesCopyright (c) 2007, 2009, Oracle and/or its affiliatesCopyright (c) 2007, 2010, Oracle and/or its affiliatesCopyright (c) 2007, 2011, Oracle and/or its affiliatesCopyright (c) 2007, 2012, Oracle and/or its affiliatesCopyright (c) 2007, Oracle and/or its affiliatesCopyright (c) 2008, 2010, Oracle and/or its affiliatesCopyright (c) 2008, 2011, Oracle and/or its affiliatesCopyright (c) 2008, 2012, Oracle and/or its affiliatesCopyright (c) 2008, Oracle and/or its affiliatesCopyright (c) 2009, 2010, Oracle and/or its affiliatesCopyright (c) 2009, 2013, Oracle and/or its affiliatesCopyright 2009 Google Inc.Copyright (c) 2009, Oracle and/or its affiliatesCopyright (c) 2010, 2011, Oracle and/or its affiliatesCopyright (c) 2010, 2012, Oracle and/or its affiliatesCopyright (c) 2010, 2013, Oracle and/or its affiliatesCopyright (c) 2010, Oracle and/or its affiliatesCopyright (c) 2011, Oracle and/or its affiliatesCopyright (c) 2012, 2013, Oracle and/or its affiliatesCopyright (c) 2012, Oracle and/or its affiliatesCopyright (c) 2013, Oracle and/or its affiliatesCopyright 2015 Google Inc.(c) Copyright IBM Corp. 1999(c) IBM Corp. 1997-1998Copyright (c) 2008, 2013, Oracle and/or its affiliatesCopyright (c) 1998, 2013, Oracle and/or its affiliatesCopyright (c) 2004, 2013, Oracle and/or its affiliatesCopyright (c) 2013, 2015, Oracle and/or its affiliatesCopyright (c) 1994, 2012, Oracle and/or its affiliatesCopyright (c) 1999, 2013, Oracle and/or its affiliatesCopyright (c) 2004, 2006, Oracle and/or its affiliatesCopyright (c) 1996, 2015, Oracle and/or its affiliatesCopyright (c) 2005, 2013, Oracle and/or its affiliatesCopyright (c) 1995, 2015, Oracle and/or its affiliatesCopyright (c) 1995, 2014, Oracle and/or its affiliatesCopyright (c) 2001, 2013, Oracle and/or its affiliatesCopyright (c) 2007, 2013, Oracle and/or its affiliatesCopyright (c) 1995, 2016, Oracle and/or its affiliatesCopyright (c) 1997, 2015, Oracle and/or its affiliatesCopyright (c) 1997, 2014, Oracle and/or its affiliatesCopyright (c) 1996, 2014, Oracle and/or its affiliatesCopyright (c) 2007, 2014, Oracle and/or its affiliatesCopyright (c) 2000, 2015, Oracle and/or its affiliatesCopyright (c) 1996, 2016, Oracle and/or its affiliatesCopyright (c) 2007-2012, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2008-2012, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2012, 2015, Oracle and/or its affiliatesCopyright (c) 2012, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2011-2012, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2013, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2008-2013, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2016, Oracle and/or its affiliatesCopyright (c) 2012-2013, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2012, 2013 Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2009-2012, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 1997, 2016, Oracle and/or its affiliatesCopyright (c) 2012, 2016, Oracle and/or its affiliatesCopyright (c) 2003, 2012, Oracle and/or its affiliatesCopyright (c) 2003-2008, International Business Machines Corporation and othersCopyright (c) 2000, 2014, Oracle and/or its affiliatesCopyright (c) 1997, 2017, Oracle and/or its affiliatesCopyright (c) 2009, 2016, Oracle and/or its affiliatesCopyright 1997 by Sun Microsystems, Inc., 901 San Antonio Road, Palo Alto, California, 94303, U.S.A.Copyright (c) 2011, 2013, Oracle and/or its affiliatesCopyright (c) 2000, 2016, Oracle and/or its affiliatesCopyright (c) 2013, 2014, Oracle and/or its affiliatesCopyright (c) 2012, 2014, Oracle and/or its affiliatesCopyright (c) 2006, 2013, Oracle and/or its affiliatesCopyright (c) 1998, 2014, Oracle and/or its affiliatesCopyright (c) 1998, 2015, Oracle and/or its affiliatesCopyright (c) 1999, 2016, Oracle and/or its affiliatesCopyright (c) 2014, Oracle and/or its affiliatesCopyright (c) 2002, 2016, Oracle and/or its affiliatesCopyright (c) 2004, 2015, Oracle and/or its affiliatesCopyright (c) 2001, 2015, Oracle and/or its affiliatesCopyright (c) 2008, 2015, Oracle and/or its affiliatesCopyright (c) 2009, 2012, Oracle and/or its affiliatesCopyright (c) 2003, 2014, Oracle and/or its affiliates(c) 1999 Entrust.net LimitedCopyright (c) 1998, 2018, Oracle and/or its affiliatesCopyright (c) 2008, 2018, Oracle and/or its affiliatesCopyright (c) 2008-2012 Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2010-2012, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2010-2013, Stephen Colebourne & Michael Nascimento Santos(c) 86, (byte)242, (byte)205Copyright (c) 2008,2012, Stephen Colebourne & Michael Nascimento SantosCopyright (c) 2014, Stephen Colebourne & Michael Nascimento SantosCopyright 2001-2017 The Apache Software FoundationCopyright (c) 1995-2005 International Business Machines Corporation and othersCopyright (c) 1995-2009 International Business Machines Corporation and othersCopyright (c) 2004 by Sun Microsystems, Inc.(c) 1995-2004 Jean-loup Gailly and Mark AdlerCopyright (c) 2000 - 2009 The Legion Of The Bouncy Castle (http://www.bouncycastle.org)Copyright (c) 2001-2004 by the MX4J contributorscopyright (c) 1991-1998, Thomas G. LaneCopyright (c) 1998-2007 Marti Maria SaguerCopyright (c) 2004, 2006-2009 Glenn Randers-PehrsonCopyright (c) 2000-2002 Glenn Randers-PehrsonCopyright (c) 1998, 1999, 2000 Glenn Randers-PehrsonCopyright (c) 1996, 1997 Andreas DilgerCopyright (c) 1995, 1996 Guy Eric Schalnat, Group 42, Inc.Copyright (c) The Internet Society (1997)Copyright (c) The Internet Society (1998)Copyright (c) The Internet Society (1999)Copyright (c) The Internet Society (2000)Copyright (c) The Internet Society (2001)Copyright (c) The Internet Society (2002)Copyright (c) The Internet Society (1997-2000)Copyright (c) The Internet Society (2005)Copyright (c) 1991-1993 RSA Laboratories(c) Tavmjung BahCopyright (c) 2003 by Bitstream, Inc.Copyright (c) 2006 by Tavmjong BahCopyright (c) 2000-2005 INRIA, France TelecomCopyright 2001-2009 Kent Beck <kent@threeriversinstitute.org>Copyright 2000-2009 Erich Gamma <erich\_gamma@acm.org>Copyright 2006-2009 David Saff <david@saff.net>Copyright (c) 1987, 1993, 1994 The Regents of the University of CaliforniaCopyright (c) 1996 by Internet Software ConsortiumCopyright (c) 1992,1993,1995,1996,1997,1988 Jens-Uwe Mager, Helios Software GmbH, Hannover, GermanyCopyright (c) 2000 by Martin Pool <mbp@humbug.org.au>Copyright (c) Caldera International Inc.Copyright (c) Caldera International Inc. 2001-2002Copyright (c) 2000-2006, www.hamcrest.orgCopyright 2006, 2010 The Apache Software Foundation(c) Copyright 2005 Intel Corporation(c) Copyright 2005-2006 Intel Corporation(c) Copyright 2006 Intel CorporationCopyright (c) 1995-2008 International Business Machines Corporation and othersCopyright 2004-2007 The Apache Software Foundation(c) Copyright 1997,2004 International Business Machines Corporation(c) Copyright IBM Corp. 2003Portions Copyright (c) 1999-2007 Apple Inc.Copyright (c) 2002, 2006 Apple Inc.Copyright (c) 1999-2007 Apple Inc.Copyright 2013 Google, Inc.Copyright (c) 1995-2016 International Business Machines Corporation and othersCopyright (c) 1991-2016 Unicode, Inc.Copyright (c) 2006-2008, Google Inc.(c) 1999 TaBE ProjectCopyright (c) 1999 Pai-Hsiang HsiaoCopyright (c) 1999 Computer Systems and Communication Lab, Institute of Information Science, Academia SinicaCopyright 1996 Chih-Hao Tsai Beckman Institute, University of Illinois c-tsai4@uiuc.edu http://casper.beckman.uiuc.edu/~c-tsai4Copyright 2000, 2001, 2002, 2003 Nara Institute of Science and TechnologyCopyright (c) 2013 International Business Machines Corporation and othersCopyright (c) 2013 Brian Eugene Wilson, Robert Martin CampbellCopyright (c) 2014 International Business Machines Corporation and othersCopyright (c) 2013, LeRoy Benjamin SharonCopyright (c) 1999-2005, International Business Machines Corporation and othersCopyright (c) 1997-2016, International Business Machines Corporation and othersCopyright (c) 1997-2012, International Business Machines Corporation and othersCopyright (c) 1997-2014, International Business Machines Corporation and othersCopyright (c) 2002-2011 International Business Machines Corporation and othersCopyright (c) 1998-2014, International Business Machines Corporation and othersCopyright (c) 2004-2012, International Business Machines Corporation and othersCopyright (c) 1999-2011, International Business Machines Corporation and othersCopyright (c) 1999-2012, International Business Machines Corporation and othersCopyright (c) 2002-2012, International Business Machines Corporation and othersCopyright (c) 2000-2011, International Business Machines Corporation and othersCopyright (c) 2011, 2012, Oracle and/or its affiliatesCopyright IBM Corporation, 2001Copyright (c) 1995 Colin PlumbCopyright IBM Corporation, 1997, 2001Copyright (c) 2017, Oracle and/or its affiliatesCopyright (c) 2007-2009, JSR305 expert groupCopyright 2014, Google Inc.Copyright 2008 Google Inc.Copyright 2013 Google Inc.Copyright (c) 2007 MockitoCopyright 2016 Google Inc.Copyright 2018 Google Inc.Copyright 1999-2006 The Apache Software Foundationcopyright (c) 1999-2002, Lotus Development Corporation., http://www.lotus.comcopyright (c) 2001-2002, Sun Microsystems., http://www.sun.comcopyright (c) 2003, IBM Corporation., http://www.ibm.comcopyright (c) 1999, IBM Corporation., http://www.ibm.comcopyright (c) 1999, Sun Microsystems., http://www.sun.comcopyright (c) 1999Copyright 2001-2003,2006 The Apache Software Foundationcopyright (c) 2000 World Wide Web Consortium, http://www.w3.orgCopyright (c) 2002 World Wide Web Consortium, (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University)

**License:** Apache License V2.0

Please see above

**Software:** jackson-annotations 2.15.2

**Copyright notice:**

Copyright 2007-present the original author or authorsCopyright 2016-2021 The Apache Software FoundationCopyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

**License:** Apache License V2.0

Please see above

**Software:** jackson-core 2.15.2

**Copyright notice:**

Copyright (c) 2007- Tatu Saloranta, tatu.saloranta@iki.fiCopyright 2018-2020 Raffaello GiuliettiCopyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)Copyright (c) 2023 Werner Randelshofer, Switzerland

**License:** Apache License V2.0

Please see above

**Software:** jackson-databind 2.15.2

**Copyright notice:**

Copyright 2015 Ben Manes. All Rights ReservedCopyright 2016-2021 The Apache Software FoundationCopyright 2010 Google Inc. All Rights ReservedCopyright 2011 Google Inc. All Rights ReservedCopyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

**License:** Apache License V2.0

Please see above

**Software:** jackson-modules-java8 2.15.2

**Copyright notice:**

Copyright 2007-present the original author or authorsCopyright 2013 FasterXML.comCopyright (c) 2020 http://fasterxml.com FasterXMLCopyright (c) 2021 http://fasterxml.com FasterXMLCopyright (c) 2022 http://fasterxml.com FasterXMLCopyright (c) 2017 http://fasterxml.com FasterXMLCopyright (c) 2020 http://fasterxml.com FasterXMLCopyright (c) 2021 http://fasterxml.com FasterXMLCopyright (c) 2022 http://fasterxml.com FasterXML

**License:** Apache License V2.0

Please see above

**Software:** JaCoCo 0.8.10

**Copyright notice:**

(C) International Organization for Standardization 1986 Permission to copy in any form is granted for use with conforming SGML systems and applications as defined in ISO 8879, provided this notice is included in all copies.(C) International Organization for Standardization 1986: Permission to copy in any form is granted for use with conforming SGML systems and applications as defined in ISO 8879, provided this notice is included in all copies.Copyright (C) 2006 Google Inc.Copyright (c) 1998-2002 W3C (MIT, INRIA, Keio), All Rights Reserved.Copyright (c) 2000-2011 INRIA, France TelecomCopyright (c) 2009, 2023 Mountainminds GmbH & Co. KG and ContributorsCopyright (c) 2009, 2023 Mountainminds GmbH & Co. KG and Contributors This program and the accompanying materials are made available under the terms of the Eclipse Public License 2.0 which is available atCopyright (c) 2013 Kohsuke Kawaguchi and other contributorsCopyright 2011 Mike Samuel et al

**License:** Eclipse Public License(EPL) V2.0

Please see above

**Software:** jandex 2.4.2.Final

**Copyright notice:**

Copyright (c), Data Geekery GmbH, contact@datageekery.comCopyright (c) Data Geekery GmbH, contact@datageekery.com

**License:** Apache License V2.0

Please see above

**Software:** java-classmate 1.5.1

**Copyright notice:**

No copyright notice found in source files of this software

**License:** Apache License V2.0

Please see above

**Software:** jaxb-ri 2.3.1

**Copyright notice:**

Copyright (c) 2010-2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2012-2017 Oracle and/or its affiliates. All rights reserved.Copyright (C) <year> <name of author></blockquote>Copyright (c) 2012-2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2010-2013 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2002-2017 Oracle and/or its affiliates. All rights reserved.(c) 2002, 2003 BEA Systems, Inc. All rights Reserved. The contents of this file are subject to the BEA Streaming API for XML Specification Reference Implementation License Agreement (the “Agreement”); you may not use this file except in compliance with the Agreement. A copy of the Agreement is available at http:www.bea.com/Copyright (c) 2015-2017 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2004-2017 Oracle and/or its affiliates. All rights reserved.Copyright (C) 1989, 1991 Free Software Foundation, Inc.Copyright (c) 2001, Thai Open Source Software Center Ltd, Sun Microsystems.Copyright (c) 2001-2005 Robin Berjon. All rights reserved.(C) Copyright 2002,2003, Andy Clark. All rights reserved.Copyright (c) 2010-2017 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2004 Kohsuke KawaguchiCopyright (c) 2001, Thai Open Source Software Center Ltd All rights reserved.Copyright (c) 2013-2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2000-2003 Daisuke Okajima and Kohsuke Kawaguchi.Copyright (c) 2017 Oracle and/or its affiliates.Copyright (c) 2000-2005 INRIA, France Telecom All rights reserved.Copyright (c) 2005, 2010, Thai Open Source Software Center Ltd All rights reserved.Copyright (c) 2001-2002, SourceForge ISO-RELAX Project (ASAMI Tomoharu, Daisuke Okajima, Kohsuke Kawaguchi, and MURATA Makoto)Copyright (c) 2011-2017 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2014-2017 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2016-2017 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2016-2018 Oracle and/or its affiliates. All rights reserved.Copyright (c)Copyright (c) 2003-2017 Oracle and/or its affiliates. All rights reserved.Copyright (c) February 2004, Toby Reyelts All rights reserved.Copyright (C) 2004-2012Copyright (c) 2001-2003 Thai Open Source Software Center Ltd All rights reserved.Copyright (C) 2000-2003 The Apache Software Foundation. All rights reserved.Copyright (c) 1997-2013 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2017 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2005-2017 Oracle and/or its affiliates. All rights reserved.Copyright (c) 1997-2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2017 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2001-2003 Thai Open Source Software Center LtdCopyright (c) 2014-2018 Oracle and/or its affiliates. All rights reserved.Copyright (C) 2004-2015Copyright 2000 Example.com. All rights reserved.Copyright (C) OASIS Open (2004). All Rights Reserved.Copyright (C) 1989, 1991 Free Software Foundation, Inc.Copyright (c) 1996 Mort Bay Consulting Pty. Ltd. All rights reserved.Copyright (c) 1997-2017 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2005-2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2017-2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 1997-2018 Oracle and/or its affiliates. All rights reserved.Copyright (C)Copyright (C) 2004-2011Copyright 2003 Sun Microsystems, Inc. All rights reserved.Copyright (c) 2013-2017 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2003 OASIS</ADDRESS>All occurrences of copyright, license and (c) refer to the Apache 1.1 license.Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.Copyright (c) 1997-2017 Oracle and/or its affiliates. All rights reserved.

**License:** Eclipse Public License(EPL) V1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT’S ACCEPTANCE OF THIS AGREEMENT.1. DEFINITIONS "Contribution" means: a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, andb) in the case of each subsequent Contributor: i)changes to the Program, andii)additions to the Program;where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor’s behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program. "Contributor" means any person or entity that distributes the Program."Licensed Patents " mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program. "Program" means the Contributions distributed in accordance with this Agreement."Recipient" means anyone who receives the Program under this Agreement, including all Contributors. 2. GRANT OF RIGHTS a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder. c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient’s responsibility to acquire that license before distributing the Program.d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement. 3. REQUIREMENTS A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that: a) it complies with the terms and conditions of this Agreement; andb) its license agreement:i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose; ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits; iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; andiv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.When the Program is made available in source code form:a) it must be made available under this Agreement; and b) a copy of this Agreement must be included with each copy of the Program. Contributors may not remove or alter any copyright notices contained within the Program. Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution. 4. COMMERCIAL DISTRIBUTIONCommercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor’s responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages. 5. NO WARRANTYEXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement , including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations. 6. DISCLAIMER OF LIABILITYEXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.7. GENERALIf any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient’s patent(s), then such Recipient’s rights granted under Section 2(b) shall terminate as of the date such litigation is filed. All Recipient’s rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient’s rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient’s obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive. Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

**Software:** jaxb-stax-ex 1.8

**Copyright notice:**

Copyright (c) 1997-2013 Oracle and/or its affiliates. All rights reserved.Copyright (c) 1997-2012 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2011-2012 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2013-2014 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2013 Oracle and/or its affiliates. All rights reserved.Copyright (c) 1997-2015 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2010-2013 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2017 Oracle and/or its affiliates. All rights reserved.Copyright (c) 1997-2014 Oracle and/or its affiliates. All rights reserved.

**License:** Apache License V2.0

Please see above

**Software:** JBoss - Javassist 3.29.0-GA

**Copyright notice:**

Copyright (c) 1999- Shigeru ChibaCopyright (c) 1999-2021 by Shigeru ChibaCopyright (c) 1999-2022 by Shigeru ChibaCopyright (c) 1999-2022 Shigeru ChibaCopyright (c) 2004 Bill BurkeCopyright (c) Brett Randall 2004Copyright (c) 2007 Bull S.A.S.Copyright (c) 2000-2015 by Shigeru Chiba

**License:** Mozilla Public License (MPL) V1.1

Mozilla Public License Version 1.11. Definitions.1.0.1. "Commercial Use"means distribution or otherwise making the Covered Code available to a third party.1.1. "Contributor"means each entity that creates or contributes to the creation of Modifications.1.2. "Contributor Version"means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications made by that particular Contributor.1.3. "Covered Code"means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case including portions thereof.1.4. "Electronic Distribution Mechanism"means a mechanism generally accepted in the software development community for the electronic transfer of data.1.5. "Executable"means Covered Code in any form other than Source Code.1.6. "Initial Developer"means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A.1.7. "Larger Work"means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.1.8. "License"means this document.1.8.1. "Licensable"means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.1.9. "Modifications"means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.Any new file that contains any part of the Original Code or previous Modifications.1.10. "Original Code"means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License.1.10.1. "Patent Claims"means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.1.11. "Source Code"means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge.1.12. "You" (or "Your")means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.2. Source Code License.2.1. The Initial Developer Grant.The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; andunder Patents Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof).the licenses granted in this Section 2.1 (a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License.Notwithstanding Section 2.1 (b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices.2.2. Contributor Grant.Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive licenseunder intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; andunder Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).the licenses granted in Sections 2.2 (a) and 2.2 (b) are effective on the date Contributor first makes Commercial Use of the Covered Code.Notwithstanding Section 2.2 (b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor.3. Distribution Obligations.3.1. Application of License.The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.3.2. Availability of Source Code.Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party.3.3. Description of Modifications.You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.3.4. Intellectual Property Matters(a) Third Party ClaimsIf Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled "LEGAL" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.(b) Contributor APIsIf Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably necessary to implement that API, Contributor must also include this information in the LEGAL file.(c) Representations.Contributor represents that, except as disclosed pursuant to Section 3.4 (a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License.3.5. Required Notices.You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a relevant directory) where a user would be likely to look for such a notice. If You created one or more Modification(s) You may add your name as a Contributor to the notice described in Exhibit A. You must also duplicate this License in any documentation for the Source Code where You describe recipients' rights or ownership rights relating to Covered Code. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code. However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear than any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.3.6. Distribution of Executable Versions.You may distribute Covered Code in Executable form only if the requirements of Sections 3.1, 3.2, 3.3, 3.4 and 3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.3.7. Larger Works.You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.4. Inability to Comply Due to Statute or Regulation.If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.5. Application of this License.This License applies to code to which the Initial Developer has attached the notice in Exhibit A and to related Covered Code.6. Versions of the License.6.1. New VersionsNetscape Communications Corporation ("Netscape") may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.6.2. Effect of New VersionsOnce Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Netscape. No one other than Netscape has the right to modify the terms applicable to Covered Code created under this License.6.3. Derivative WorksIf You create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases "Mozilla", "MOZILLAPL", "MOZPL", "Netscape", "MPL", "NPL" or any confusingly similar phrase do not appear in your license (except to note that your license differs from this License) and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)7. DISCLAIMER OF WARRANTYCOVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.8. Termination8.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.8.2. If You initiate litigation by asserting a patent infringement claim (excluding declatory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as "Participant") alleging that:such Participant's Contributor Version directly or indirectly infringes any patent, then any and all rights granted by such Participant to You under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively, unless if within 60 days after receipt of notice You either: (i) agree in writing to pay Participant a mutually agreeable reasonable royalty for Your past and future use of Modifications made by such Participant, or (ii) withdraw Your litigation claim with respect to the Contributor Version against such Participant. If within 60 days of notice, a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Participant to You under Sections 2.1 and/or 2.2 automatically terminate at the expiration of the 60 day notice period specified above.any software, hardware, or device, other than such Participant's Contributor Version, directly or indirectly infringes any patent, then any rights granted to You by such Participant under Sections 2.1(b) and 2.2(b) are revoked effective as of the date You first made, used, sold, distributed, or had made, Modifications made by that Participant.8.3. If You assert a patent infringement claim against Participant alleging that such Participant's Contributor Version directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.8.4. In the event of termination under Sections 8.1 or 8.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or any distributor hereunder prior to termination shall survive termination.9. LIMITATION OF LIABILITYUNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.10. U.S. government end usersThe Covered Code is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Code with only those rights set forth herein.11. MiscellaneousThis License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in which at least one party is a citizen of, or an entity chartered or registered to do business in the United States of America, any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License.12. Responsibility for claimsAs between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.13. Multiple-licensed codeInitial Developer may designate portions of the Covered Code as "Multiple-Licensed". "Multiple-Licensed" means that the Initial Developer permits you to utilize portions of the Covered Code under Your choice of the MPL or the alternative licenses, if any, specified by the Initial Developer in the file described in Exhibit A.Exhibit A - Mozilla Public License."The contents of this file are subject to the Mozilla Public LicenseVersion 1.1 (the "License"); you may not use this file except incompliance with the License. You may obtain a copy of the License athttp://www.mozilla.org/MPL/Software distributed under the License is distributed on an "AS IS"basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See theLicense for the specific language governing rights and limitationsunder the License.The Original Code is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.The Initial Developer of the Original Code is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.Portions created by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are Copyright (C) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. All Rights Reserved.Contributor(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.Alternatively, the contents of this file may be used under the termsof the \_\_\_\_\_ license (the "[\_\_\_] License"), in which case theprovisions of [\_\_\_\_\_\_] License are applicable instead of thoseabove. If you wish to allow use of your version of this file onlyunder the terms of the [\_\_\_\_] License and not to allow others to useyour version of this file under the MPL, indicate your decision bydeleting the provisions above and replace them with the notice andother provisions required by the [\_\_\_] License. If you do not deletethe provisions above, a recipient may use your version of this fileunder either the MPL or the [\_\_\_] License."NOTE: The text of this Exhibit A may differ slightly from the text of the notices in the Source Code files of the Original Code. You should use the text of this Exhibit A rather than the text found in the Original Code Source Code for Your Modifications.

**Software:** JBoss Logging 3 3.4.3.Final

**Copyright notice:**

Copyright 2010 Red Hat, Inc.Copyright 2010 Red Hat, Inc., and individual contributorsCopyright 2011 Red Hat, Inc., and individual contributorsCopyright 2013 Red Hat, Inc.Copyright 2011 Red Hat, Inc.Copyright 2017 Red Hat, Inc.Copyright 2019 Red Hat, Inc.Copyright 2020 Red Hat, Inc.

**License:** Apache License V2.0

Please see above

**Software:** jinja2 3.1.2

**Copyright notice:**

Copyright 2007 Palletscopyright 2007 Pallets

**License:** BSD 3-Clause License

Please see above

**Software:** joblib 1.3.2

**Copyright notice:**

Copyright (c) 2009 PiCloud, Inc. <https://web.archive.org/web/20140626004012/http://www.picloud.com/>Copyright (c) 2008-2021, The joblibCopyright (c) 2008 Gael VaroquauxCopyright (c) 2010 Gael VaroquauxCopyright (c) 2012, Regents of the University of CaliforniaCopyright (c) 2009 Gael VaroquauxCopyright 2010, Gael VaroquauxCopyright 2009 Brian Quinlan. All Rights ReservedCopyright 2012, Olivier GriselCopyright 2017, Thomas MoreauCopyright (c) 2010-2011 Gael Varoquaux

**License:** BSD 3-Clause License

Please see above

**Software:** jpa-api 2.2.3

**Copyright notice:**

Copyright (c) 2008, 2019 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2011, 2019 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2013, 2019 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2017, 2019 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2018, 2019 Oracle and/or its affiliates. All rights reserved.Copyright (c) 2019 Eclipse Foundation.Copyright (c) 2018 Eclipse Foundation.

**License:** BSD 3-Clause License

Please see above

**Software:** jquery 3.6.3

**Copyright notice:**

Copyright 2012 jQuery Foundation and other contributors Released under the MIT licenseCopyright(c) 2013 jake luer <jake@alogicalparadox.com>Copyright (c) 2010-2017, Christian Johansen, christian@cjohansen.no All rights reserved.Copyright 2005, 2012 jQuery Foundation, Inc. and other contributors Released under the MIT licenseCopyright 2006 Google Inc.

**License:** MIT License

Please see above

**Software:** jridgewell/sourcemap-codec 1.4.15

**Copyright notice:**

Copyright (c) 2015 Rich Harris

**License:** MIT License

Please see above

**Software:** jshttp/cookie 0.5.0

**Copyright notice:**

Copyright (c) 2012-2014 Roman Shtylman <shtylman@gmail.com>Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>Copyright (c) 2012-2014 Roman ShtylmanCopyright (c) 2015 Douglas Christopher Wilson

**License:** MIT License

Please see above

**Software:** JSON for Modern C++ 3.11.2

**Copyright notice:**

Copyright (c) 2013-2022 Niels Lohmanncopyright Niels Lohmann <https://nlohmann.me>Copyright (c) 2013-2022 Niels Lohmann (https://nlohmann.me)Copyright (c) 2008-2009 Bjorn Hoehrmann (https://bjoern.hoehrmann.de/) <bjoern@hoehrmann.de>Copyright (c) 2009 Florian Loitsch (https://florian.loitsch.com/)Copyright 2013-2022 Niels Lohmann <https://nlohmann.me>Copyright 2016-2021 Viktor KirilovCopyright 2015-2017 Niels LohmannCopyright 2003-2022, LLVM ProjectCopyright 2017 Georg Sauthoff <mail@gms.tf>Copyright 2012 Erik Edlund <erik.edlund@32767.se>Copyright 2009 Google Inc.Copyright 2020 Hannes Domani <https://github.com/ssbssa>(c) 2013-2022 NielsCopyright Copyright (c) 2013 - 2022 Niels LohmannCopyright (c) 2008-2009 Bjorn Hoehrmann (http://bjoern.hoehrmann.de/) <bjoern@hoehrmann.de>copyright (c) 2013-2022 Niels LohmannCopyright 2009 Florian Loitsch <https://florian.loitsch.com/>Copyright (c) 2009 Florian LoitschCopyright 2018 The Abseil AuthorsCopyright 2008-2009 Bjorn Hoehrmann <bjoern@hoehrmann.de>Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de> sa http://bjoern.hoehrmann.de/utf-8/decoder/dfaCopyright 2016-2021 Evan Nemerson <evan@nemerson.com>Copyright (c) 2007 Free Software Foundation, Inc. <http://fsf.org/>Copyright (c) 2013-2022 Niels Lohmann <http://nlohmann.me>Copyright 2018 Vitaliy Manushkin <agri@akamo.info>Copyright (c) 2016-2021 Viktor KirilovCopyright (c) 2015-2017 Niels LohmannCopyright (c) 2012, Erik Edlund <erik.edlund@32767.se>Copyright (c) 2009 Google Inc.Copyright (c) 2020 Hannes Domani (https://github.com/ssbssa)

**License:** MIT License

Please see above

**Software:** jsonschema 4.21.1

**Copyright notice:**

Copyright (c) 2013 Julian Berman

**License:** MIT License

Please see above

**Software:** jszip 3.10.1

**Copyright notice:**

Copyright (c) 2009-2016 Stuart Knightley, David Duponchel, Franz Buchinger, Antonio AfonsoCopyright (c) 2007 Free Software Foundation, Inc. <http://fsf.org/>(c) 2009-2016 Stuart Knightley(c) 1995-2013 Jean-loup Gailly and Mark Adler(c) 2014-2017 Vitaly Puzrin and Andrey TupitsinCopyright (c) 1989 - 2007 PKWARE Inc.

**License:** MIT License

Please see above

**Software:** jta-api 1.3.3

**Copyright notice:**

Copyright (c) 2012, 2018 Oracle and/or its affiliatesCopyright (c) 2013, 2018 Oracle and/or its affiliatescopyrighted by the Free Software FoundationCopyright (c) 2019 ContributorsCopyright (c) 2019 Oracle and/or its affiliatesCopyright (c) 1997, 2018 Oracle and/or its affiliatesCopyright (c) Eclipse Foundation, Inc.Copyright (c) 2018 Eclipse FoundationCopyright (c) 2019 Eclipse FoundationCopyright (c) 1989, 1991 Free Software Foundation, Inc.Copyright (c) 2017, 2019 ContributorsCOPYRIGHT HOLDERS AND THE ECLIPSE FOUNDATIONCopyright (c) 2010, 2018 Oracle and/or its affiliates

**License:** Eclipse Public License(EPL) V2.0

Please see above

**Software:** junixsocket 2.6.2

**Copyright notice:**

Copyright 2009-2022 Christian KohlschutterCopyright (c) 2009-2020 Christian KohlschutterCopyright (c) 1995-2022 Mort Bay Consulting Pty Ltd and othersCopyright 2019 Christian KohlschutterCopyright 2021 Christian KohlschutterCopyright 2019, 2020 Christian KohlschutterCopyright 2009-2021 Christian KohlschutterCopyright (c) 1991, 2018 IBM Corp. and othersCopyright 2009-2022 https://www.kohlschutter.com/' Kohlschutter Search Intelligence

**License:** Apache License V2.0

Please see above

**Software:** libbpf v1.3.0

**Copyright notice:**

Copyright (c) 2020 Facebook, Inc.Copyright (c) 2015 The Libbpf Authors. All rights reservedCopyright (c) 2018 FacebookCopyright (c) 2008-2011, Red Hat, Inc., Ingo MolnarCopyright (c) 1991, 1999 Free Software Foundation, Inc.Copyright (c) 2015 Wang Nan <wangnan0@huawei.com>Copyright (c) Meta Platforms, Inc. and affiliatesCopyright (c) 2019 FacebookCopyright (c) 2008-2009, Thomas Gleixner <tglx@linutronix.de>Copyright (c) 2021 FacebookCopyright (c) 2019 Isovalent, Inc.Copyright (c) 2003-2013 Thomas Graf <tgraf@suug.ch>Copyright (c) 2018 Intel CorporationCopyright (c) 2008-2011, Red Hat, Inc., Peter ZijlstraCopyright (c) 2015 Huawei Inc.Copyright (c) 2011-2014 PLUMgrid, http://plumgrid.comCopyright (c) 2013-2015 Alexei Starovoitov <ast@kernel.org>Copyright (c) 2017 Nicira, Inc.Copyright (c) 2019 Netronome Systems, Inc.Copyright (c) 2022 Meta Platforms, Inc. and affiliates

**License:** BSD 2-Clause License

Please see above

**Software:** libkperf v1.0

**Copyright notice:**

Copyright (c) Huawei Technologies Co., Ltd. 2024.Copyright (c) Huawei Technologies Co., Ltd. 2023.

**License:** Mulan Permissive Software License Version 2

木兰宽松许可证, 第2版木兰宽松许可证， 第2版2020年1月 http://license.coscl.org.cn/MulanPSL2您对“软件”的复制、使用、修改及分发受木兰宽松许可证，第2版（“本许可证”）的如下条款的约束：0. 定义“软件” 是指由“贡献”构成的许可在“本许可证”下的程序和相关文档的集合。“贡献” 是指由任一“贡献者”许可在“本许可证”下的受版权法保护的作品。“贡献者” 是指将受版权法保护的作品许可在“本许可证”下的自然人或“法人实体”。“法人实体” 是指提交贡献的机构及其“关联实体”。“关联实体” 是指，对“本许可证”下的行为方而言，控制、受控制或与其共同受控制的机构，此处的控制是指有受控方或共同受控方至少50%直接或间接的投票权、资金或其他有价证券。1. 授予版权许可每个“贡献者”根据“本许可证”授予您永久性的、全球性的、免费的、非独占的、不可撤销的版权许可，您可以复制、使用、修改、分发其“贡献”，不论修改与否。2. 授予专利许可每个“贡献者”根据“本许可证”授予您永久性的、全球性的、免费的、非独占的、不可撤销的（根据本条规定撤销除外）专利许可，供您制造、委托制造、使用、许诺销售、销售、进口其“贡献”或以其他方式转移其“贡献”。前述专利许可仅限于“贡献者”现在或将来拥有或控制的其“贡献”本身或其“贡献”与许可“贡献”时的“软件”结合而将必然会侵犯的专利权利要求，不包括对“贡献”的修改或包含“贡献”的其他结合。如果您或您的“关联实体”直接或间接地，就“软件”或其中的“贡献”对任何人发起专利侵权诉讼（包括反诉或交叉诉讼）或其他专利维权行动，指控其侵犯专利权，则“本许可证”授予您对“软件”的专利许可自您提起诉讼或发起维权行动之日终止。3. 无商标许可“本许可证”不提供对“贡献者”的商品名称、商标、服务标志或产品名称的商标许可，但您为满足第4条规定的声明义务而必须使用除外。4. 分发限制您可以在任何媒介中将“软件”以源程序形式或可执行形式重新分发，不论修改与否，但您必须向接收者提供“本许可证”的副本，并保留“软件”中的版权、商标、专利及免责声明。5. 免责声明与责任限制“软件”及其中的“贡献”在提供时不带任何明示或默示的担保。在任何情况下，“贡献者”或版权所有者不对任何人因使用“软件”或其中的“贡献”而引发的任何直接或间接损失承担责任，不论因何种原因导致或者基于何种法律理论，即使其曾被建议有此种损失的可能性。6. 语言“本许可证”以中英文双语表述，中英文版本具有同等法律效力。如果中英文版本存在任何冲突不一致，以中文版为准。条款结束如何将木兰宽松许可证，第2版，应用到您的软件如果您希望将木兰宽松许可证，第2版，应用到您的新软件，为了方便接收者查阅，建议您完成如下三步：1， 请您补充如下声明中的空白，包括软件名、软件的首次发表年份以及您作为版权人的名字；2， 请您在软件包的一级目录下创建以“LICENSE”为名的文件，将整个许可证文本放入该文件中；3， 请将如下声明文本放入每个源文件的头部注释中。Copyright (c) [Year] [name of copyright holder][Software Name] is licensed under Mulan PSL v2.You can use this software according to the terms and conditions of the Mulan PSL v2.You may obtain a copy of Mulan PSL v2 at: http://license.coscl.org.cn/MulanPSL2THIS SOFTWARE IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OF ANY KIND,EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO NON-INFRINGEMENT,MERCHANTABILITY OR FIT FOR A PARTICULAR PURPOSE.See the Mulan PSL v2 for more details.Mulan Permissive Software License，Version 2Mulan Permissive Software License，Version 2 (Mulan PSL v2)January 2020 http://license.coscl.org.cn/MulanPSL2Your reproduction, use, modification and distribution of the Software shall be subject to Mulan PSL v2 (this License) with the following terms and conditions:0. DefinitionSoftware means the program and related documents which are licensed under this License and comprise all Contribution(s).Contribution means the copyrightable work licensed by a particular Contributor under this License.Contributor means the Individual or Legal Entity who licenses its copyrightable work under this License.Legal Entity means the entity making a Contribution and all its Affiliates.Affiliates means entities that control, are controlled by, or are under common control with the acting entity under this License, ‘control’ means direct or indirect ownership of at least fifty percent (50%) of the voting power, capital or other securities of controlled or commonly controlled entity.1. Grant of Copyright LicenseSubject to the terms and conditions of this License, each Contributor hereby grants to you a perpetual, worldwide, royalty-free, non-exclusive, irrevocable copyright license to reproduce, use, modify, or distribute its Contribution, with modification or not.2. Grant of Patent LicenseSubject to the terms and conditions of this License, each Contributor hereby grants to you a perpetual, worldwide, royalty-free, non-exclusive, irrevocable (except for revocation under this Section) patent license to make, have made, use, offer for sale, sell, import or otherwise transfer its Contribution, where such patent license is only limited to the patent claims owned or controlled by such Contributor now or in future which will be necessarily infringed by its Contribution alone, or by combination of the Contribution with the Software to which the Contribution was contributed. The patent license shall not apply to any modification of the Contribution, and any other combination which includes the Contribution. If you or your Affiliates directly or indirectly institute patent litigation (including a cross claim or counterclaim in a litigation) or other patent enforcement activities against any individual or entity by alleging that the Software or any Contribution in it infringes patents, then any patent license granted to you under this License for the Software shall terminate as of the date such litigation or activity is filed or taken.3. No Trademark LicenseNo trademark license is granted to use the trade names, trademarks, service marks, or product names of Contributor, except as required to fulfill notice requirements in section 4.4. Distribution RestrictionYou may distribute the Software in any medium with or without modification, whether in source or executable forms, provided that you provide recipients with a copy of this License and retain copyright, patent, trademark and disclaimer statements in the Software.5. Disclaimer of Warranty and Limitation of LiabilityTHE SOFTWARE AND CONTRIBUTION IN IT ARE PROVIDED WITHOUT WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED. IN NO EVENT SHALL ANY CONTRIBUTOR OR COPYRIGHT HOLDER BE LIABLE TO YOU FOR ANY DAMAGES, INCLUDING, BUT NOT LIMITED TO ANY DIRECT, OR INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING FROM YOUR USE OR INABILITY TO USE THE SOFTWARE OR THE CONTRIBUTION IN IT, NO MATTER HOW IT’S CAUSED OR BASED ON WHICH LEGAL THEORY, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.6. LanguageTHIS LICENSE IS WRITTEN IN BOTH CHINESE AND ENGLISH, AND THE CHINESE VERSION AND ENGLISH VERSION SHALL HAVE THE SAME LEGAL EFFECT. IN THE CASE OF DIVERGENCE BETWEEN THE CHINESE AND ENGLISH VERSIONS, THE CHINESE VERSION SHALL PREVAIL.END OF THE TERMS AND CONDITIONSHow to Apply the Mulan Permissive Software License，Version 2 (Mulan PSL v2) to Your SoftwareTo apply the Mulan PSL v2 to your work, for easy identification by recipients, you are suggested to complete following three steps:Fill in the blanks in following statement, including insert your software name, the year of the first publication of your software, and your name identified as the copyright owner;Create a file named "LICENSE" which contains the whole context of this License in the first directory of your software package;Attach the statement to the appropriate annotated syntax at the beginning of each source file.Copyright (c) [Year] [name of copyright holder][Software Name] is licensed under Mulan PSL v2.You can use this software according to the terms and conditions of the Mulan PSL v2.You may obtain a copy of Mulan PSL v2 at: http://license.coscl.org.cn/MulanPSL2THIS SOFTWARE IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OF ANY KIND,EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO NON-INFRINGEMENT,MERCHANTABILITY OR FIT FOR A PARTICULAR PURPOSE.See the Mulan PSL v2 for more details.

**Software:** lie 3.3.0

**Copyright notice:**

Copyright (c) 2014-2018 Calvin Metcalf, Jordan Harband

**License:** MIT License

Please see above

**Software:** LiquiBASE 4.25.0

**Copyright notice:**

Copyright (c) 2008 Trace Financial LimitedCopyright 2018 Sirsi Corporation. All rights reservedCopyright (c) 2007 Trace Financial LimitedCopyright (c) 1991, 1999 Free Software Foundation, Inc.Copyright current.year Liquibase, Inc. All rights reservedCopyright (c) 2007 Free Software Foundation, Inc. <http://fsf.org/>Copyright 2023 Liquibase Inc.

**License:** Apache License V2.0

Please see above

**Software:** ljharb/side-channel 1.0.4

**Copyright notice:**

Copyright (c) 2019 Jordan Harband

**License:** MIT License

Please see above

**Software:** LLVM 15.0.4

**Copyright notice:**

Copyright (c) 2003-2019 University of Illinois at Urbana-ChampaignCopyright (c) 2007-2019 University of Illinois at Urbana-ChampaignCopyright 2008-2010 Apple, Inc.Copyright (c) 2017 Google Inc.Copyright (c) 2007-2018 University of Illinois at Urbana-ChampaignCopyright 2006, Dean EdwardsCopyright (c) 2009-2019 by the contributorsCopyright (c) 2009-2015 by the contributorsCopyright 2007-2010 by the Sphinx teamCopyright (c) 2011-2019 by the contributorsCopyright (c) 2011-2014 by the contributorsCopyright (c) 2014 Advanced Micro Devices, Inc.Copyright (c) 2015 Advanced Micro Devices, Inc.Copyright (c) 2014,2015 Advanced Micro Devices, Inc.Copyright (c) 2014, 2015 Advanced Micro Devices, Inc.Copyright (c) 2013 Victor Oliveira <victormatheus@gmail.com>Copyright (c) 2013 Jesse Towner <jessetowner@lavabit.com>Copyright (c) 1993 by Sun Microsystems, Inc.Copyright (c) 2016 Aaron WatryCopyright (c) 2016 Aaron Watry <awatry@gmail.com>Copyright (c) 2009-2014 by the contributorsCopyright (c) 1991-2022 Unicode, Inc.Copyright (c) Microsoft CorporationCopyright (c) 2002-2004 Tim J. RobbinsCopyright (c) 2005 Free Standards GroupCopyright (c) 1992, 1993 UNIX International, Inc.Copyright (c) 2011-2019 by the contributors listed in CREDITS.TXTCopyright (c) 2010 Apple Inc.Copyright (c) 2008 Free Software Foundation, Inc.Copyright (c) 2010-2017 Free Software Foundation, Inc.Copyright (c) 2010-2015 Free Software Foundation, Inc.Copyright (c) by P.J. PlaugerCopyright (c) 2018 Jim InghamCopyright (c) 2013-2014, Pexpect development teamCopyright (c) 2012, Noah Spurrier <noah@noah.org>Copyright (c) 2013-2016, Pexpect development teamCopyright (c) 2010-2015 Benjamin PetersonCopyright (c) 1999-2003 Steve PurcellCopyright (c) 2003-2010 Python Software FoundationCopyright (c) 1999-2007 Apple Inc.Copyright (c) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 Free Software Foundation, Inc.Copyright The LLVM projectCopyright (c) 1997, PhillipCopyright (c) 1992, 1993, 1994 Henry SpencerCopyright (c) 1992, 1993, 1994 The Regents of the University of CaliforniaCopyright 2000 Free Software Foundation, Inc.Copyright 2001-2004 Unicode, Inc.Copyright (c) 2001 Alexander PeslyakCopyright (c) 2012-2016, Yann ColletCopyright 1992, 1993, 1994 Henry SpencerCopyright (c) 1994 The Regents of the University of CaliforniaCopyright (c) 1992 Henry SpencerCopyright (c) 1992, 1993 The Regents of the University of CaliforniaCopyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com>Copyright 2019 Jack O'Connor and Samuel NevesCopyright (c) 2006 Kirill SimonovCopyright 2008, Google Inc.Copyright 2007, Google Inc.Copyright 2013, Google Inc.Copyright 2015, Google Inc.Copyright 2005, Google Inc.Copyright 2008 Google Inc.Copyright 2006, Google Inc.Copyright (c) 2022 The MLIR AuthorsCopyright (c) 2019 The MLIR AuthorsCopyright (c) 1997-2019 Intel CorporationCopyright 2007-2020 by the Sphinx teamCopyright (c) 2015the LLVM ProjectCopyright (c) 2019 Intel CorporationCopyright (c) 2009-2019 Polly TeamCopyright 2008-2009 Katholieke Universiteit LeuvenCopyright 2006-2007 Universiteit LeidenCopyright 2021 Cerebras SystemsCopyright 2012,2014 Ecole Normale SuperieureCopyright 2013 Ecole Normale SuperieureCopyright 2017 Sven VerdoolaegeCopyright 2011 INRIA SaclayCopyright 2011 Sven VerdoolaegeCopyright 2012-2014 Ecole Normale SuperieureCopyright 2014 INRIA RocquencourtCopyright 2016 Sven VerdoolaegeCopyright 2018,2020 Cerebras SystemsCopyright 2021 Sven VerdoolaegeCopyright 2012-2013 Ecole Normale SuperieureCopyright 2010 INRIA SaclayCopyright 2012 Ecole Normale SuperieureCopyright 2019 Cerebras SystemsCopyright 2018 Cerebras SystemsCopyright 2010-2011 INRIA SaclayCopyright 2016 INRIACopyright 2020 Cerebras SystemsCopyright 2005-2007 Universiteit LeidenCopyright 2012 Universiteit LeidenCopyright 2014 Ecole Normale SuperieureCopyright 2015 INRIA Paris-RocquencourtCopyright 2018-2019 Cerebras SystemsCopyright 2014-2015 INRIA RocquencourtCopyright 2015 Sven VerdoolaegeCopyright 2018 Sven VerdoolaegeCopyright 2013-2014 Ecole Normale SuperieureCopyright 2015-2016 Sven VerdoolaegeCopyright 2016-2017 Sven VerdoolaegeCopyright 2016-2017 Tobias GrosserCopyright 2002-2009 Michael J. FrombergerCopyright (c) 2012 Qualcomm Innovation Center, Inc.Copyright (c) 2002-2007 Michael J. FrombergerCopyright (c) 2002-2008 Michael J. FrombergerCopyright (c) 2002-2009 Michael J. Frombergercopyright (c) 2002-2009 Michael J. FrombergerCopyright (c) 2006 Matus HorvathCopyright (c) 2004-2008 Michael J. FrombergerCopyright (c) 2003-2008 Michael J. FrombergerCopyright (c) 2018 Michael J. FrombergerCopyright 2016, 2017 Tobias GrosserCopyright 2011,2015 Sven VerdoolaegeCopyright 2012 INRIA Paris-RocquencourtCopyright (c) 2009-2016 by the contributorsCopyright (c) 2006-2009 Steven J. Bethard <steven.bethard@gmail.com>Copyright 2010 Zencoder, Inc.Copyright (c) 2017-2019 by the contributorsCopyright 2020 Google Inc.Copyright 2015 Google Inc.Copyright 2018 Google Inc.Copyright 2016 Ismael Jimenez MartinezCopyright 2021 Google Inc.Copyright 2017 Roman Lebedev

**License:** Apache 2.0 with LLVM Exception

Please see above

**Software:** locket.py 1.0.0

**Copyright notice:**

Copyright (c) 2012, Michael Williamson

**License:** BSD 2-Clause License

Please see above

**Software:** lodash 1.0.3

**Copyright notice:**

Copyright JS Foundation and other contributors <https://js.foundation/>copyright Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors <http://underscorejs.org/>

**License:** MIT License

Please see above

**Software:** lodash 4.17.21

**Copyright notice:**

Copyright OpenJS Foundation and other contributors <https://openjsf.org/>copyright Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors <http://underscorejs.org/>Copyright Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors(c) 2010-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & EditorsCopyright (c) 2010-2016 Jeremy Ashkenas, DocumentCloudCopyright (c) 2007, Parakey Inc.Copyright 2009, The Dojo FoundationCopyright (c) 2010-2011 Marcus WestinCopyright (c) 2006, Yahoo! Inc.Copyright (c) 2009-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors(c) 2009-2015 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors(c) 2009-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

**License:** MIT License

Please see above

**Software:** log4js-node 6.7.1

**Copyright notice:**

Copyright 2015 Gareth Jones

**License:** Apache License V2.0

Please see above

**Software:** Logback v\_1.2.13

**Copyright notice:**

Copyright (C) 1999-2005, QOS.ch, LOGBack.comCopyright (C) 1999-2006, QOS.chCopyright (C) 1999-2010, QOS.ch.Copyright (C) 1999-2011, QOS.ch.Copyright (C) 1999-2013, QOS.ch.Copyright (C) 1999-2015, QOS.ch.Copyright (C) 1999-2016, QOS.ch.Copyright (C) 1999-2017, QOS.ch.Copyright (C) 1999-2021, QOS.ch.Copyright (C) 1999-2022, QOS.ch.Copyright (C) 1999-2023, QOS.ch.Copyright (C) 2006 Google Inc.Copyright (C) 2014, QOS.ch.Copyright (c) 1998-2002 W3C (MIT, INRIA, Keio), All Rights Reserved.

**License:** Apache License V2.0

Please see above

**Software:** lombok 1.18.26

**Copyright notice:**

Copyright (c) 2010-2020 The Project Lombok AuthorsCopyright (c) 2009-2021 The Project Lombok AuthorsCopyright (c) 2000-2011 INRIA, France TelecomCopyright (c) 2010 Reinier ZwitserlootCopyright (c) 2020-2022 The Project Lombok AuthorsCopyright (c) 2010-2022 The Project Lombok AuthorsCopyright (c) 2020 The Project Lombok AuthorsCopyright (c) 2020-2021 The Project Lombok AuthorsCopyright (c) 2010-2017 The Project Lombok AuthorsCopyright (c) 2020-2023 The Project Lombok AuthorsCopyright (c) 2009-2022 The Project Lombok AuthorsCopyright (c) 2009-2022 The Project Lombok AuthorsCopyright (c) 2009 The Project Lombok AuthorsCopyright (c) 2013-2018 The Project Lombok AuthorsCopyright (c) 2009-2017 The Project Lombok AuthorsCopyright (c) 2013-2022 The Project Lombok AuthorsCopyright (c) 2019 The Project Lombok AuthorsCopyright (c) 2009-2020 The Project Lombok AuthorsCopyright (c) 2015-2016 The Project Lombok AuthorsCopyright (c) 2009-2019 The Project Lombok AuthorsCopyright (c) 2015-2020 The Project Lombok AuthorsCopyright (c) 2009-2018 The Project Lombok AuthorsCopyright (c) 2012-2017 The Project Lombok AuthorsCopyright (c) 2010-2018 The Project Lombok AuthorsCopyright (c) 2012-2019 The Project Lombok AuthorsCopyright (c) 2010-2021 The Project Lombok AuthorsCopyright (c) 2010-2019 The Project Lombok AuthorsCopyright (c) 2010-2012 The Project Lombok AuthorsCopyright (c) 2009-2014 The Project Lombok AuthorsCopyright (c) 2012-2021 The Project Lombok AuthorsCopyright (c) 2018 The Project Lombok AuthorsCopyright (c) 2009-2022 The Project Lombok AuthorsCopyright (c) 2014 The Project Lombok AuthorsCopyright (c) 2009-2010 The Project Lombok AuthorsCopyright (c) 2015 The Project Lombok AuthorsCopyright (c) 2012 The Project Lombok AuthorsCopyright (c) 2013-2020 The Project Lombok AuthorsCopyright (c) 2013-2019 The Project Lombok AuthorsCopyright (c) 2010 The Project Lombok AuthorsCopyright (c) 2009-2012 The Project Lombok AuthorsCopyright (c) 2014-2020 The Project Lombok AuthorsCopyright (c) 2021 The Project Lombok AuthorsCopyright (c) 2019-2020 The Project Lombok AuthorsCopyright (c) 2014-2021 The Project Lombok AuthorsCopyright (c) 2013 The Project Lombok AuthorsCopyright (c) 2014-2018 The Project Lombok AuthorsCopyright (c) 2012-2014 The Project Lombok AuthorsCopyright (c) 2015-2021 The Project Lombok AuthorsCopyright (c) 2014-2022 The Project Lombok AuthorsCopyright (c) 2013-2021 The Project Lombok AuthorsCopyright (c) 2017-2021 The Project Lombok AuthorsCopyright (c) 2012-2022 The Project Lombok AuthorsCopyright (c) 2011-2015 The Project Lombok AuthorsCopyright (c) 2015-2019 The Project Lombok AuthorsCopyright (c) 2016-2017 The Project Lombok AuthorsCopyright (c) 2013-2017 The Project Lombok AuthorsCopyright (c) 2012-2013 The Project Lombok AuthorsCopyright (c) 2011-2021 The Project Lombok AuthorsCopyright (c) 2017 The Project Lombok AuthorsCopyright (c) 2010-2013 The Project Lombok AuthorsCopyright (c) 2010-2011 The Project Lombok AuthorsCopyright (c) 2018-2021 The Project Lombok AuthorsCopyright (c) 2013-2015 The Project Lombok AuthorsCopyright (c) 2016-2021 The Project Lombok AuthorsCopyright (c) 2022 The Project Lombok AuthorsCopyright (c) 2011 The Project Lombok AuthorsCopyright (c) 2009-2016 The Project Lombok AuthorsCopyright (c) 2016 The Project Lombok AuthorsCopyright 2012-2017 Gunnar Morling (http://www.gunnarmorling.de/) and/or other contributorsCopyright (c) 2014-2015 The Project Lombok AuthorsCopyright (c) 2003, 2017, Oracle and/or its affiliatesCopyright (c) 2009-2011 The Project Lombok AuthorsCopyright (c) 2011-2019 The Project Lombok AuthorsCopyright (c) 2013-2014 The Project Lombok AuthorsCopyright (c) 2011-2013 The Project Lombok AuthorsCopyright (c) 2014-2019 The Project Lombok AuthorsCopyright (c) 2011-2020 The Project Lombok AuthorsCopyright (c) 2015-2017 The Project Lombok AuthorsCopyright (c) 2009-2022 The Project Lombok Authors

**License:** BSD 3-Clause License

Please see above

**Software:** magic-string 0.30.7

**Copyright notice:**

Copyright 2018 Rich Harris

**License:** MIT License

Please see above

**Software:** markupsafe 2.1.3

**Copyright notice:**

Copyright 2010 Pallets

**License:** BSD 3-Clause License

Please see above

**Software:** mbuild 5304b94361fccd830c0e2417535a866b79c1c297

**Copyright notice:**

Copyright (c) 2016 Intel CorporationCopyright (c) 2019 Intel CorporationCopyright (c) 2017 Intel CorporationCopyright (c) 2018 Intel Corporation

**License:** Apache License V2.0

Please see above

**Software:** mcsema 2.0.0

**Copyright notice:**

Copyright (c) 2017 Trail of Bits, Inc.Copyright (c) April 29, 1997 Kalle Kaukonen.

**License:** Apache License V2.0

Please see above

**Software:** media-typer 0.3.0

**Copyright notice:**

Copyright (c) 2014 Douglas Christopher WilsonCopyright(c) 2014 Douglas Christopher Wilson MIT Licensed

**License:** MIT License

Please see above

**Software:** memoize-one 6.0.0

**Copyright notice:**

Copyright (c) 2019 Alexander Reardon

**License:** MIT License

Please see above

**Software:** merge-descriptors 1.0.1

**Copyright notice:**

Copyright(c) 2014 Jonathan OngCopyright(c) 2015 Douglas Christopher WilsonCopyright (c) 2013 Jonathan Ong <me@jongleberry.com>Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>

**License:** MIT License

Please see above

**Software:** methods 1.1.2

**Copyright notice:**

Copyright(c) 2013-2014 TJ HolowaychukCopyright(c) 2015-2016 Douglas Christopher WilsonCopyright (c) 2013-2014 TJ Holowaychuk <tj@vision-media.ca>Copyright (c) 2015-2016 Douglas Christopher Wilson <doug@somethingdoug.com>

**License:** MIT License

Please see above

**Software:** micromatch 4.0.5

**Copyright notice:**

Copyright (c) 2014-present, Jon SchlinkertCopyright © 2022, Jon SchlinkertCopyright (c) Isaac Z. Schlueter and Contributors

**License:** MIT License

Please see above

**Software:** mime-db 1.52.0

**Copyright notice:**

Copyright (c) 2014 Jonathan OngCopyright (c) 2015-2022 Douglas Christopher WilsonCopyright (c) 2014 Jonathan Ong <me@jongleberry.com>Copyright (c) 2015-2022 Douglas Christopher Wilson <doug@somethingdoug.com>

**License:** MIT License

Please see above

**Software:** mime-types 2.1.35

**Copyright notice:**

Copyright (c) 2014 Jonathan OngCopyright (c) 2015 Douglas Christopher WilsonCopyright (c) 2014 Jonathan Ong <me@jongleberry.com>Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>

**License:** MIT License

Please see above

**Software:** monaco-editor 0.34.1

**Copyright notice:**

Copyright (c) 2016 - present Microsoft CorporationCopyright (c) Microsoft CorporationCopyright Joyent, Inc. and other Node contributorsCopyright (c) 2018+, MarkedJS (https://github.com/markedjs/)Copyright (c) 2011-2018, Christopher Jeffrey (https://github.com/chjj/)Copyright (c) 1991-2017 Unicode, Inc.Copyright (c) YEAR W3C(r) (MIT, ERCIM, Keio, Beihang). DisclaimersCopyright (c) 2018 WHATWGCopyright (c) 2018 The Khronos Group Inc.Copyright (c) 2015 W3C(r) MIT, ERCIM, KeioCopyright (c) 2007-2017 Einar Lielmanis, Liam Newman, and contributorsCopyright Drifty Co. http://drifty.com/Copyright (c) 2015 David Owens IICopyright (c) 2008 Microsoft CorporationCopyright (c) David Owens II, owensd.io(c) Cure53 and other contributorsCopyright (c) 2011-2022, Christopher Jeffrey. (MIT Licensed) https://github.com/markedjs/marked

**License:** MIT License

Please see above

**Software:** more-itertools 10.1.0

**Copyright notice:**

Copyright (c) 2012 Erik Rose

**License:** Free Software Foundation - MIT License (MIT +)

Please see above

**Software:** mrab-regex 2023.8.8

**Copyright notice:**

Copyright (c) 1997-2001 by Secret Labs AB. All rights reservedCopyright (c) 1998-2001 by Secret Labs AB. All rights reservedcopyright (c) 1998-2001 by Secret Labs ABCopyright 2020 Matthew Barnett

**License:** Python Software Foundation License V2

PYTHON SOFTWARE FOUNDATION LICENSE VERSION 21. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using this software ("Python") in source or binary form and its associated documentation.2. Subject to the terms and conditions of this License Agreement, PSF hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python alone or in any derivative version, provided, however, that PSF's License Agreement and PSF's notice of copyright, i.e., "Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006 Python Software Foundation; All Rights Reserved" are retained in Python alone or in any derivative version prepared by Licensee.3. In the event Licensee prepares a derivative work that is based on or incorporates Python or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python.4. PSF is making Python available to Licensee on an "AS IS" basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.8. By copying, installing or otherwise using Python, Licensee agrees to be bound by the terms and conditions of this License Agreement.

**Software:** ms 2.0.0

**Copyright notice:**

Copyright (c) 2016 Zeit, Inc.

**License:** MIT License

Please see above

**Software:** ms 2.1.2

**Copyright notice:**

Copyright (c) 2016 Zeit, Inc.

**License:** MIT License

Please see above

**Software:** ms 2.1.3

**Copyright notice:**

Copyright (c) 2020 Vercel, Inc.

**License:** MIT License

Please see above

**Software:** msgpack-python 1.0.5

**Copyright notice:**

Copyright (c) 2008-2011 INADA Naoki <songofacandy@gmail.com>

**License:** Apache License V2.0

Please see above

**Software:** nanoid 3.3.6

**Copyright notice:**

Copyright 2017 Andrey Sitnik <andrey@sitnik.ru>

**License:** MIT License

Please see above

**Software:** negotiator 0.6.3

**Copyright notice:**

Copyright (c) 2012-2014 Federico RomeroCopyright (c) 2012-2014 Isaac Z. SchlueterCopyright (c) 2014-2015 Douglas Christopher WilsonCopyright(c) 2012 Federico RomeroCopyright(c) 2012 Isaac Z. SchlueterCopyright(c) 2012-2014 Isaac Z. SchlueterCopyright(c) 2014 Federico RomeroCopyright(c) 2014-2015 Douglas Christopher Wilson MIT LicensedCopyright(c) 2015 Douglas Christopher Wilson MIT Licensed

**License:** MIT License

Please see above

**Software:** nginx 1.25.4

**Copyright notice:**

Copyright (c) Igor Sysoev Copyright (c) Nginx, Inc. Copyright (c) Ruslan Ermilov Copyright (c) AA D084 capital Ukrainian YE ABCopyright (c) Andrei Nigmatulin, 2005Copyright (c) 2010, 2019 Sergey A. OsokinCopyright (c) 2002-2021 Igor SysoevCopyright (c) 2011-2022 Nginx, Inc.Copyright (c) Maxim Dounin Copyright (c) Austin Appleby Copyright (c) Roman Arutyunyan Copyright (c) Valentin V. Bartenev Copyright (c) 2015 Vlad KrasnovCopyright (c) Manlio Perillo (manlio.perillo@gmail.com) Copyright (c) Unbit Copyright (c) 2008 Manlio Perillo (manlio.perillo@gmail.com)Copyright (c) Pavel Pautov Copyright (c) Pavel Pautov

**License:** BSD 2-Clause License

Please see above

**Software:** ngx-echarts v8.0.1

**Copyright notice:**

Copyright (c) 2017 Xie, Ziyu

**License:** MIT License

Please see above

**Software:** node-asn1 0.2.6

**Copyright notice:**

Copyright (c) 2014, Joyent, Inc.Copyright (c) 2011 Mark CavageCopyright (c) 2017, Joyent, Inc.Copyright (c) 2018, Joyent, Inc.Copyright 2019, Joyent, Inc.Copyright 2011 Mark Cavage <mcavage@gmail.com>

**License:** MIT License

Please see above

**Software:** node-bcrypt-pbkdf 1.0.2

**Copyright notice:**

Copyright 1997 Niels Provos <provos@physnet.uni-hamburg.de>Copyright (c) 2013 Ted Unangst <tedu@openbsd.org>Copyright 2016, Joyent Inc

**License:** BSD 3-Clause License

Please see above

**Software:** node-graceful-fs 4.2.10

**Copyright notice:**

Copyright (c) 2011-2022 Isaac Z. Schlueter, Ben Noordhuis, and Contributors

**License:** ISC License

Please see above

**Software:** node-http-proxy 1.18.1

**Copyright notice:**

copyright header of example files e592c53 (https://github.com/http-party/node-http-proxy/commit/e592c53d1a23b7920d603a9e9ac294fc0e841f6d)Copyright (c) 2015 Alberto Pose <albertopose@gmail.com>Copyright (c) 2010 - 2016 Charlie Robbins, Jarrett Cruger & the ContributorsCopyright (c) 2010-2016 Charlie Robbins, Jarrett Cruger & the ContributorsCopyright (c) 2013 - 2016 Charlie Robbins, Jarrett Cruger & the Contributors

**License:** MIT License

Please see above

**Software:** node-jsonfile 4.0.0

**Copyright notice:**

Copyright 2012-2016, JP Richardson <jprichardson@gmail.com>Copyright (c) 2012-2015, JP Richardson <jprichardson@gmail.com>

**License:** MIT License

Please see above

**Software:** nodejs-depd 2.0.0

**Copyright notice:**

Copyright(c) 2014-2018 Douglas Christopher WilsonCopyright(c) 2015 Douglas Christopher WilsonCopyright (c) 2014-2018 Douglas Christopher WilsonCopyright(c) 2017 Douglas Christopher Wilson

**License:** MIT License

Please see above

**Software:** nodejs/string\_decoder 1.3.0

**Copyright notice:**

Copyright Joyent, Inc. and other Node contributors

**License:** MIT License

Please see above

**Software:** nodejs/string\_decoder 1.1.1

**Copyright notice:**

Copyright Joyent, Inc. and other Node contributors

**License:** MIT License

Please see above

**Software:** numpy 1.25.2

**Copyright notice:**

Copyright (c) 1992-2013 The University of Tennessee and The University of Tennessee Research Foundation. All rights reservedCopyright (c) 2011 by Enthought, Inc.Copyright (c) 2014 Ryan JuckettCopyright (c) 2015 Melissa E. O'NeillCopyright 2014 Melissa O'Neill <oneill@pcg-random.org>Copyright (c) Donald Stufft and individual contributors. All rights reservedCopyright (c) 2005-2015, NumPy Developers. All rights reservedCopyright (c) 2018 Melissa E. O'NeillCopyright 2001-2005 Pearu Peterson all rights reservedCopyright (c) 2006, University of Georgia and Pierre G.F. Gerard-Marchant All rights reservedCopyright (c) 2019 NumPy DevelopersCopyright (c) 2010 - 2019 ridiculous\_fish, <libdivide@ridiculousfish.com>Copyright 1999,2000 Pearu Peterson all rights reservedCopyright (c) 2000-2013 The University of California Berkeley. All rights reservedCopyright (c) 2007, 2011 David Schultz <das@FreeBSD.ORG>Copyright (c) 2008 Ian Bicking and ContributorsCopyright (c) 2005-2017, NumPy Developers. All rights reservedCopyright (c) 2009 Free Software Foundation, Inc. <http://fsf.org/>Copyright 1999, 2000, 2001 RegentsCopyright (c) 1997 - 2002, Makoto Matsumoto and Takuji Nishimura, All rights reservedCopyright (c) 2003-2005, Jean-Sebastien Roy (js@jeannot.org)Copyright 1999 2011 Pearu Peterson all rights reservedCopyright (c) 2006-2013 The University of Colorado Denver. All rights reservedCopyright (c) 2011 by Mark Wiebe (mwwiebe@gmail.com) The University of British ColumbiaCopyright 2000 Pearu Peterson all rights reservedCopyright 2002 Pearu Peterson all rights reservedCopyright 2010-2012, D. E. Shaw Research. All rights reservedCopyright (c) 1993 by Sun Microsystems, Inc. All rights reservedCopyright (c) 2010 by Mark Wiebe (mwwiebe@gmail.com) The University of British ColumbiaCopyright (c) 2011 Enthought, IncCopyright (c) 2016 - 2019 Kim Walisch, <kim.walisch@gmail.com>Copyright (c) 2007 Free Software Foundation, Inc. <http://fsf.org/>Copyright (c) 2005-2023, NumPy Developers. All rights reservedCopyright (c) 2004-2018 Max-Planck-Society author Martin ReineckeCopyright (c) 2011-2014, The OpenBLAS Project All rights reservedCopyright (c) 1995, 1996, 1997 Jim Hugunin, hugunin@mit.eduCopyright Absoft Corporation 1994-2002 Absoft Pro FORTRANCopyright 1999-2004 Pearu Peterson all rights reservedCopyright (c) 2010-2011 by Mark Wiebe (mwwiebe@gmail.com) The University of British ColumbiaCopyright 2016-2021 Matthew Brett, Isuru Fernando, Matti PicusCopyright (c) 2019 Kevin Sheppard. All rights reservedCopyright (c) 2002-2017 Free Software Foundation, Inc.Copyright 2015 Robert Kern <robert.kern@gmail.com>Copyright (c) 2010 The Android Open Source Project All rights reservedCopyright (c) 2012 Stephen Montgomery-Smith <stephen@FreeBSD.ORG> All rights reservedCopyright Absoft Corporation 1994-1998 mV2 Cray Research, Inc. 1994-1996 CF90Copyright (c) 2009-2019 Jeff Bezanson, Stefan Karpinski, Viral B. Shah, and other contributors

**License:** BSD 3-Clause License

Please see above

**Software:** object-inspect 1.12.0

**Copyright notice:**

Copyright (c) 2013 James Halliday

**License:** MIT License

Please see above

**Software:** on-finished 2.4.1

**Copyright notice:**

Copyright (c) 2013 Jonathan OngCopyright (c) 2014 Douglas Christopher WilsonCopyright (c) 2013 Jonathan Ong <me@jongleberry.com>Copyright (c) 2014 Douglas Christopher Wilson <doug@somethingdoug.com>

**License:** MIT License

Please see above

**Software:** openEuler:abseil-cpp 20220623.1-3.oe2203sp1

**Copyright notice:**

Copyright (c) 2020 The Abseil AuthorsCopyright (c) 2017 The Abseil AuthorsCopyright (c) 2021 The Abseil AuthorsCopyright (c) 2019 The Abseil AuthorsCopyright (c) 2018 The Abseil AuthorsCopyright (c) 2017 Google Inc.Copyright (c) 2016 Google Inc.

**License:** Apache License V2.0

Please see above

**Software:** openEuler:bcc 0.23.0-3.oe2203sp1

**Copyright notice:**

Copyright (c) PLUMgrid, Inc.Copyright (c) 2017 Facebook, Inc.Copyright (c) 2008 Bernhard Walle <bernhard.walle@gmx.de>Copyright 2007-2009 Kitware, Inc.Copyright Iowa State University 2009-2010Copyright 2015 PLUMgrid, Inc.Copyright (c) Jinshan XiongCopyright (c) Facebook, Inc.Copyright 2016 GitHub, IncCopyright 2016 Marek Vavrusa <mvavrusa@cloudflare.com>Copyright (c) 2020 YoungEun ChoeCopyright (c) 2021 Chenyue ZhouCopyright (c) 2016-present, Facebook, Inc.Copyright (c) 2016 Rudi FlorenCopyright (c) 2016 PLUMgridCopyright (c) 2016 Jan RuthCopyright (c) 2018 Andy GospodarekCopyright (c) 2018 Gary LinCopyright (c) 2020 Tejun Heo <tj@kernel.org>Copyright (c) 2020 FacebookCopyright (c) 2015 Brendan GreggCopyright (c) 2019 Jugurtha BELKALEM.Copyright (c) 2017 ShiftLeft Inc.Copyright 2016 GitHub, Inc.Copyright 2016 Netflix, Inc.Copyright (c) 2021 Rong TaoCopyright (c) 2013-2015 PLUMgrid, http://plumgrid.comCopyright (c) 2021 Hengqi ChenCopyright (c) 2020 Wenbo ZhangCopyright (c) 2021 Wenbo ZhangCopyright (c) 2020 Anton ProtopopovCopyright (c) 2021 Google LLC.Copyright (c) 2021, Oracle and/or its affiliatesCopyright (c) 2021 Hengqi Chen 30-May-2021 Hengqi ChenCopyright (c) 2019 FacebookCopyright (c) 2020 NetflixCopyright (c) 2016,2020 CanonicalCopyright (c) 2019 Facebook, Inc.Copyright (c) 2015 PLUMgrid, Inc.Copyright (c) 2016 GitHub, Inc.Copyright (c) 2016 Facebook, Inc.Copyright (c) 2017 VMware, Inc.Copyright (c) 2016 Catalysts GmbHCopyright (c) 2016 PLUMgrid, Inc.Copyright (c) 2008 Eli FriedmanCopyright (c) 2011-2014 PLUMgrid, http://plumgrid.comCopyright (c) 2018 Clevernet, Inc.Copyright (c) 2018 Google, Inc.Copyright (c) 2018 Facebook, Inc.Copyright (c) 2016 Sasha GoldshteinCopyright (c) Barefoot Networks, Inc.Copyright 2013-present Barefoot Networks, Inc.Copyright (c) 1991, 1999 Free Software Foundation, Inc.copyrighted by the Free Software FoundationCopyright (c) 2018 FacebookCopyright (c) 2018 Intel CorporationCopyright (c) 2013-2015 Alexei Starovoitov <ast@kernel.org>Copyright (c) 2015 Wang Nan <wangnan0@huawei.com>Copyright (c) 2015 Huawei Inc.Copyright (c) 2021 FacebookCopyright (c) 2017 Nicira, Inc.Copyright (c) 2019 Isovalent, Inc.Copyright (c) 2019 Netronome Systems, Inc.Copyright (c) 2003-2013 Thomas Graf <tgraf@suug.ch>Copyright (c) 2020 Facebook, Inc.Copyright (c) 2018 - 2019 Intel CorporationCopyright (c) 2011 - 2012 Andrzej KrzemienskiCopyright (c) 2011, Chris FosterCopyright (c) 2013 - 2015 Peter MelnichenkoCopyright (c) 2011 Enrique Garcia CotaCopyright (c) 1994-2012 Lua.org, PUC-RioCopyright 2015 PLUMgridCopyright 2020 Kinvolk GmbHCopyright 2019 ClevernetCopyright 2016 Sasha GoldshteinCopyright 2017 Sasha GoldshteinCopyright 2018 Red Hat, Inc.Copyright 2018 Netflix, Inc.Copyright 2016 Catalysts GmbHCopyright (c) 2012 Two Blue Cubes Ltd.Copyright (c) 2017 Politecnico di TorinoCopyright (c) 2019 Kinvolk GmbHCopyright (c) 2018 Politecnico di TorinoCopyright (c) 2020 Politecnico di TorinoCopyright (c) 2017 IBM CorporationCopyright (c) GitHub, Inc.Copyright 2021, Athira Rajeev, IBM Corp.Copyright (c) Sasha GoldshteinCopyright (c) ClevernetCopyright 2018 Facebook, IncCopyright (c) Emilien GobillotCopyright 2019 Facebook, IncCopyright (c) Suchakra Sharma <suchakrapani.sharma@polymtl.ca>Copyright (c) Sasha Goldshtein, 2017Copyright 2020 Facebook, IncCopyright 2017 Facebook, IncCopyright (c) Catalysts GmbHCopyright (c) Facebook, Inc. and its affiliatesCopyright (c) 2020-present FacebookCopyright (c) 2016 Allan McAleavyCopyright 2017, Sasha GoldshteinCopyright (c) 2019 Wenbo ZhangCopyright (c) 2018, Google, Inc.Copyright 2017 Facebook, Inc.Copyright 2019 Instana, Inc.Copyright (c) 2020 Realtek, Inc.Copyright (c) 2021 ByteDance Inc.Copyright (c) 2020 Suchakra Sharma <mail@suchakra.in>Copyright (c) 2016 Brendan GreggCopyright 2016 Cloudflare, Inc.Copyright (c) 2018 Jiri OlsaCopyright (c) 2016 Jean-Tiare Le BigotCopyright (c) 2019 Brendan GreggCopyright (c) 2020 zhenwei piCopyright 2017 Rodrigo ManyariCopyright 2017-2020 Kinvolk GmbHCopyright (c) 2021 zhenwei pi

**License:** Apache License V2.0

Please see above

**Software:** openEuler:bzip2 1.0.8-6.oe2203sp1

**Copyright notice:**

Copyright (C) 1996-2019 Julian SewardCopyright (C) 1996-2019 Julian SewardCopyright (C) 1996-2019 by Julian Seward.Copyright (c) 1996-2019 Julian Seward <jseward@acm.org>copyright (c) 1996-2019 Julian R SewardCopyright 1996-2011 Glyph & Cog, LLCCopyright (c) 1997, 2009 American Mathematical SocietyCopyright <http://www.ams.org>copyright (c) Julian Seward

**License:** BSD 3-Clause License

Please see above

**Software:** openEuler:c-ares 1.18.1-5.oe2203sp1

**Copyright notice:**

Copyright (c) 1996-2021 Free Software Foundation, Inc.Copyright (c) 2002-2021 Free Software Foundation, Inc.Copyright (c) 2001-2021 Free Software Foundation, Inc.Copyright (c) 1997-2021 Free Software Foundation, Inc.Copyright (c) 1999-2021 Free Software Foundation, Inc.Copyright (c) 2003-2021 Free Software Foundation, Inc.Copyright (c) 2009-2021 Free Software Foundation, Inc.Copyright (c) 2006-2021 Free Software Foundation, Inc.Copyright (c) 2004-2021 Free Software Foundation, Inc.Copyright 1992-2018 Free Software Foundation, Inc.Copyright (c) 1992-1996, 1998-2017, 2020-2021 Free Software Foundation, Inc.Copyright (c) 2021 Free Software Foundation, Inc.Copyright (c) 2014 Free Software Foundation, Inc.Copyright (c) 1994 X ConsortiumCopyright (c) 2007 - 2018, Daniel StenbergCopyright 1998 by the Massachusetts Institute of TechnologyCopyright (c) 1996-2015 Free Software Foundation, Inc.Copyright (c) 2004-2015 Free Software Foundation, Inc.Copyright (c) 2010-2015 Free Software Foundation, Inc.Copyright (c) 1994-2021 Free Software Foundation, Inc.Copyright (c) 2009-2013 by Daniel StenbergCopyright (c) 2004-2009 by Daniel StenbergCopyright (c) 2004-2010 by Daniel StenbergCopyright 2000 by the Massachusetts Institute of TechnologyCopyright (c) 2008-2010 by Daniel StenbergCopyright 2005 by Dominick MeglioCopyright 1998 by Daniel StenbergCopyright (c) 2013 by Daniel StenbergCopyright (c) 2017 by John SchemberCopyright (c) 2016 by Daniel StenbergCopyright 1998, 2000 by the Massachusetts Institute of TechnologyCopyright 2020 Danny Sonnenschein <my.card.god@web.de>Copyright 2010 by Ben Greear <greearb@candelatech.com>Copyright 2004 by Daniel StenbergCopyright (c) 2007-2013 by Daniel StenbergCopyright (c) 2009 - 2021 by Daniel StenbergCopyright 1998, 2011 by the Massachusetts Institute of TechnologyCopyright (c) 2009 Allan Caffee <allan.caffee@gmail.com>Copyright (c) 2009 Tom Howard <tomhoward@users.sf.net>Copyright (c) 2008 John Darrington <j.darrington@elvis.murdoch.edu.au>Copyright (c) 2015 Enrico M. Crisostomo <enrico.m.crisostomo@gmail.com>Copyright (c) 2012, 2016 Philip WithnallCopyright (c) 2012 Xan LopezCopyright (c) 2012 Christian PerschCopyright (c) 2012 Paolo BorelliCopyright (c) 2012 Dan WinshipCopyright (c) 2015,2018 Bastien ROUCARIESCopyright (c) 2008 Benjamin Kosnik <bkoz@redhat.com>Copyright (c) 2012 Zack Weinberg <zackw@panix.com>Copyright (c) 2013 Roy Stogner <roystgnr@ices.utexas.edu>Copyright (c) 2014, 2015 Google Inc.Copyright (c) 2008 Tom Howard <tomhoward@users.sf.net>Copyright (c) 2008 Steven G. Johnson <stevenj@alum.mit.edu>Copyright (c) 2011 Daniel Richard G. <skunk@iSKUNK.ORG>Copyright (c) 2014 Mike Frysinger <vapier@gentoo.org>Copyright (c) 2008 - 2013 by Daniel StenbergCopyright (c) 2008 - 2012 by Daniel StenbergCopyright (c) 2008 - 2009 by Daniel StenbergCopyright (c) 1996-2001, 2003-2015 Free Software Foundation, Inc.Copyright (c) 2011 Free Software Foundation, Inc.Copyright (c) 2004-2005, 2007-2009, 2011-2015 Free Software Foundation, Inc.Copyright (c) 2004-2005, 2007-2008, 2011-2015 Free Software Foundation, Inc.Copyright (c) 2004, 2011-2015 Free Software Foundation, Inc.Copyright (c) 2004-2005, 2007, 2009, 2011-2015 Free Software Foundation, Inc.Copyright (c) 2013 Daniel Stenberg <daniel@haxx.se>Copyright (c) 2011 Daniel Stenberg <daniel@haxx.se>Copyright 2005 Dominick MeglioCopyright (c) 2019 by Andrew SelivanovCopyright (c) 2021 by Brad HouseCopyright (c) 2021 PermissionCopyright (c) 1995, 1996, 1997, and 1998 WIDE ProjectCopyright (c) 2018 The Android Open Source ProjectCopyright (c) 2008 by Daniel StenbergCopyright (c) 2017 by John Schember <john@nachtimwald.com>Copyright (c) 2004 by Daniel StenbergCopyright (c) 2004-2011 by Daniel StenbergCopyright 1998, 2011, 2013 by the Massachusetts Institute of TechnologyCopyright (c) 2017 - 2018 by Christian AmmerCopyright (c) 2005 - 2010, Daniel StenbergCopyright (c) 2005-2013 by Daniel StenbergCopyright (c) 2004 - 2011 by Daniel StenbergCopyright (c) 2005 by Dominick MeglioCopyright (c) 2010-2013 by Daniel StenbergCopyright (c) 2010-2012 by Daniel StenbergCopyright (c) 2008-2013 by Daniel StenbergCopyright 2020 by <danny.sonnenschein@platynum.ch>Copyright (c) 2010 Jeremy Lal <kapouer@melix.org>Copyright (c) 2009 by Jakub Hrozek <jhrozek@redhat.com>Copyright (c) 2012 Marko Kreen <markokr@gmail.com>Copyright (c) 2004-2017 by Daniel StenbergCopyright (c) 2004 - 2012 by Daniel StenbergCopyright (c) 2018 by John Schember <john@nachtimwald.com>Copyright (c) 2004 by Internet Systems Consortium, Inc.Copyright (c) 1996,1999 by Internet Software ConsortiumCopyright (c) 2005, 2013 by Dominick MeglioCopyright (c) 2009-2021 by Daniel StenbergCopyright (c) 1996-1999 by Internet Software ConsortiumCopyright (c) 2004 - 2013 by Daniel StenbergCopyright (c) 1987-2001 The Regents of the University of CaliforniaCopyright (c) 2011-2021 Free Software Foundation, Inc.Copyright 2008, Google Inc.Copyright 2005, Google Inc.Copyright 2007, Google Inc.Copyright 2008 Google Inc.Copyright 2015, Google Inc.Copyright 2013, Google Inc.Copyright 2006, Google Inc.

**License:** NTP License

Copyright (c) (CopyrightHoldersName) (From 4-digit-year)-(To 4-digit-year)Permission to use, copy, modify, and distribute this software and its documentation for any purpose with or without fee is hereby granted, provided that the above copyright notice appears in all copies and that both the copyright notice and this permission notice appear in supporting documentation, and that the name (TrademarkedName) not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. (TrademarkedName) makes no representations about the suitability this software for any purpose. It is provided "as is" without express or implied warranty.

**Software:** openEuler:grpc 1.41.1-4.oe2203sp1

**Copyright notice:**

Copyright 2021 The gRPCCopyright 2016 gRPCCopyright 2017 gRPCCopyright 2015 gRPCCopyright 2014 gRPCCopyright 2020 The gRPCCopyright 2021 the gRPCCopyright 2019 The gRPCCopyright 2019 the gRPCCopyright 2020 the gRPCCopyright 2019 gRPCCopyright 2018 The gRPCcopyright 2020, The gRPC(c) 1999 Entrust.net Limited(c) 1999 Entrust.net Limited Label Entrust.net Premium 2048 Secure Server CA Serial(c) 2006 Entrust, Inc.(c) 2006 Entrust, Inc. Label Entrust Root Certification(c) 2009 Entrust, Inc. - for(c) 2012 Entrust, Inc. - for(c) 2015 Entrust, Inc. - forCopyright 2021 gRPCCopyright 2018 gRPCCopyright 2018, gRPC(c) 2018 gRPC.Copyright 2020 gRPCCopyright 2015-2016 gRPCCopyright (c) 2018, Google Inc.Copyright 2015 The gRPCCopyright 2017 The gRPCCopyright 2016 The gRPCCopyright 2019, Google Inc.Copyright 2016, Google Inc.Copyright 2015, Google Inc.Copyright 2014, Google Inc.Copyright 2015-2017 gRPCCopyright 2014 Google Inc.Copyright 2016 Google Inc.Copyright 2007 Google Inc.Copyright (c) 1995, 1996, 1997, and 1998 WIDE ProjectCopyright (c) 2009 - 2013 by Daniel StenbergCopyright 2019 Istio AuthorsCopyright 2016 The Chromium AuthorsCopyright 2013 Google Inc.Copyright 2018 The Bazel AuthorsCopyright 2019 The Bazel AuthorsCopyright (c) 2009-2021, Google LLCCopyright 2008 Google Inc.Copyright (c) 2006-2008 Michael Roth <mroth@nessie.de>Copyright (c) 2004-2010 Michael Roth <mroth@nessie.de>Copyright (c) 2004, 2006-2010 Michael Roth <mroth@nessie.de>Copyright (c) 2004-2009 Michael Roth <mroth@nessie.de>Copyright (c) 2012-2020 Yann ColletCopyright (c) 2018 https://github.com/grpc/grpc/blob/master/AUTHORS

**License:** MIT License

Please see above

**Software:** openEuler:re2 20211101-3.oe2203sp1

**Copyright notice:**

Copyright (c) 2009 The RE2 AuthorsCopyright (c) 2015 The RE2 AuthorsCopyright (c) 2009 The RE2 AuthorsCopyright (c) 2008 The RE2 AuthorsCopyright (c) 2009 Free Software Foundation, Inc.Copyright (c) 2007 Free Software Foundation, Inc.Copyright (c) 2005 Free Software Foundation, Inc.Copyright (c) 2012 The Go AuthorsCopyright (c) 2009 The Android Open Source ProjectCopyright (c) 2016 The RE2 AuthorsCopyright (c) 2007 The RE2 AuthorsCopyright (c) 2006-2007 The RE2 AuthorsCopyright (c) 2006 The RE2 AuthorsCopyright (c) 2018 The RE2 AuthorsCopyright (c) 2003-2009 The RE2 AuthorsCopyright (c) 2010 The RE2 AuthorsCopyright (c) 2004 The RE2 AuthorsCopyright (c) 2001-2010 The RE2 AuthorsCopyright (c) 2006-2008 The RE2 AuthorsCopyright (c) 2005 The RE2 AuthorsCopyright (c) 2002-2009 The RE2 AuthorsCopyright (c) 2003-2009 Google Inc.Copyright (c) 2003-2010 Google Inc.Copyright (c) 2002 by Lucent TechnologiesCopyright (c) 1999-2005 The RE2 Authors

**License:** BSD 3-Clause License

Please see above

**Software:** openEuler:sqlite 3.37.2-5.oe2203sp1

**Copyright notice:**

Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.Copyright (C) 1994 X ConsortiumCopyright (C) 1994-1996, 1999-2002, 2004-2011 Free Software Foundation, Inc.Copyright (C) 1994-2017 Free Software Foundation, Inc.Copyright (C) 1996-2001, 2003-2015 Free Software Foundation, Inc.Copyright (C) 1996-2014 Free Software Foundation, Inc.Copyright (C) 1996-2017 Free Software Foundation, Inc.Copyright (C) 1997-2017 Free Software Foundation, Inc.Copyright (C) 1999-2014 Free Software Foundation, Inc.Copyright (C) 1999-2017 Free Software Foundation, Inc.Copyright (C) 2001-2017 Free Software Foundation, Inc.Copyright (C) 2002-2017 Free Software Foundation, Inc.Copyright (C) 2003-2017 Free Software Foundation, Inc.Copyright (C) 2004, 2011-2015 Free Software Foundation, Inc.Copyright (C) 2004-2005, 2007, 2009, 2011-2015 Free Software Foundation, Inc.Copyright (C) 2004-2005, 2007-2008, 2011-2015 Free Software Foundation, Inc.Copyright (C) 2004-2005, 2007-2009, 2011-2015 Free Software Foundation, Inc.Copyright (C) 2004-2017 Free Software Foundation, Inc.Copyright (C) 2006-2017 Free Software Foundation, Inc.Copyright (C) 2009-2017 Free Software Foundation, Inc.Copyright (C) 2011 Free Software Foundation, Inc.Copyright (C) 2012 Free Software Foundation, Inc.Copyright (C) 2014 Free Software Foundation, Inc.Copyright (c) 1995-1996 Sun Microsystems, Inc.Copyright (c) 1998-2000 Ajuba Solutions.Copyright (c) 1999 Scriptics Corporation.Copyright (c) 1999-2000 Ajuba Solutions.Copyright (c) 2001 ActiveState Corporation.Copyright (c) 2001-2002 David Gravereaux.Copyright (c) 2001-2003 David Gravereaux.Copyright (c) 2002 by David Gravereaux.Copyright (c) 2002-2005 ActiveState Corporation.Copyright (c) 2003 Pat ThoytsCopyright (c) 2003-2008 Patrick ThoytsCopyright (c) 2006 by Pat ThoytsCopyright 1992-2018 Free Software Foundation, Inc.

**License:** Public Domain

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiledbinary, for any purpose, commercial or non-commercial, and by any means.

**Software:** OpenSSL 3.0.9

**Copyright notice:**

Copyright 2020 The OpenSSL Project AuthorsCopyright 2016-2020 The OpenSSL Project AuthorsCopyright 2016-2023 The OpenSSL Project AuthorsCopyright 20xx-20yy The OpenSSL Project AuthorsCopyright 1995-2022 The OpenSSL Project AuthorsCopyright (c) 1998-2022 The OpenSSL ProjectCopyright (c) 1995-1998 Eric A. Young, Tim J. HudsonCopyright 1995-2021 The OpenSSL Project AuthorsCopyright 2000-2021 The OpenSSL Project AuthorsCopyright 2007-2023 The OpenSSL Project AuthorsCopyright Nokia 2007-2019Copyright Siemens AG 2015-2019Copyright 2008-2021 The OpenSSL Project AuthorsCopyright 1995-2023 The OpenSSL Project AuthorsCopyright 2002-2022 The OpenSSL Project AuthorsCopyright (c) 2002, Oracle and/or its affiliatesCopyright 1995-2018 The OpenSSL Project AuthorsCopyright 2019-2021 The OpenSSL Project AuthorsCopyright 2006-2021 The OpenSSL Project AuthorsCopyright 2018-2022 The OpenSSL Project AuthorsCopyright 1999-2021 The OpenSSL Project AuthorsCopyright 2001-2022 The OpenSSL Project AuthorsCopyright 2000-2022 The OpenSSL Project AuthorsCopyright 1999-2022 The OpenSSL Project AuthorsCopyright 2006-2023 The OpenSSL Project AuthorsCopyright 2006-2022 The OpenSSL Project AuthorsCopyright 2004-2021 The OpenSSL Project AuthorsCopyright 1998-2021 The OpenSSL Project AuthorsCopyright 2015-2023 The OpenSSL Project AuthorsCopyright (c) 2013-2014 Timo Teras <timo.teras@gmail.com>Copyright 2005 NokiaCopyright (c) 2004, EdelKey ProjectCopyright 2016-2021 The OpenSSL Project AuthorsCopyright 1995-2016 The OpenSSL Project AuthorsCopyright 1999-2016 The OpenSSL Project AuthorsCopyright 2002-2021 The OpenSSL Project AuthorsCopyright (c) 2002 The OpenTSA ProjectCopyright 2010-2016 The OpenSSL Project AuthorsCopyright 2021 The OpenSSL Project AuthorsCopyright 2019-2020 The OpenSSL Project AuthorsCopyright 2018-2020 The OpenSSL Project AuthorsCopyright 2018-2023 The OpenSSL Project AuthorsCopyright Siemens AG 2018-2020Copyright 2020-2021 The OpenSSL Project AuthorsCopyright 2018-2021 The OpenSSL Project AuthorsCopyright 2019 The OpenSSL Project AuthorsCopyright 2016 The OpenSSL Project AuthorsCopyright 2016 VMS Software, Inc.Copyright 1995-2020 The OpenSSL Project AuthorsCopyright 2017-2019 The OpenSSL Project AuthorsCopyright 2019-2022 The OpenSSL Project AuthorsCopyright 2015-2021 The OpenSSL Project AuthorsCopyright 2016-2022 The OpenSSL Project AuthorsCopyright 2010-2020 The OpenSSL Project AuthorsCopyright 2015-2020 The OpenSSL Project AuthorsCopyright 2011-2022 The OpenSSL Project AuthorsCopyright 2012-2020 The OpenSSL Project AuthorsCopyright 2017-2022 The OpenSSL Project AuthorsCopyright 2020-2022 The OpenSSL Project AuthorsCopyright 2016-2018 The OpenSSL Project AuthorsCopyright 2000-2016 The OpenSSL Project AuthorsCopyright 2004-2017 The OpenSSL Project AuthorsCopyright 2019-2023 The OpenSSL Project AuthorsCopyright 2004-2016 The OpenSSL Project AuthorsCopyright (c) 2004, Richard Levitte <richard@levitte.org>Copyright 2004-2022 The OpenSSL Project AuthorsCopyright (c) 2004, 2018, Richard Levitte <richard@levitte.org>Copyright 2002-2016 The OpenSSL Project AuthorsCopyright 2004-2014, Akamai TechnologiesCopyright 2011-2016 The OpenSSL Project AuthorsCopyright 2003-2022 The OpenSSL Project AuthorsCopyright 2001-2021 The OpenSSL Project AuthorsCopyright 2015-2022 The OpenSSL Project AuthorsCopyright (c) 2019, Oracle and/or its affiliatesCopyright 2021-2022 The OpenSSL Project AuthorsCopyright 2009-2020 The OpenSSL Project AuthorsCopyright 2009-2021 The OpenSSL Project AuthorsCopyright 2007-2020 The OpenSSL Project AuthorsCopyright 2010-2022 The OpenSSL Project AuthorsCopyright 2005-2016 The OpenSSL Project AuthorsCopyright 2005-2021 The OpenSSL Project AuthorsCopyright 2004-2020 The OpenSSL Project AuthorsCopyright 2002-2020 The OpenSSL Project AuthorsCopyright 2006-2020 The OpenSSL Project AuthorsCopyright 2008-2020 The OpenSSL Project AuthorsCopyright 2006-2016 The OpenSSL Project AuthorsCopyright 2005-2020 The OpenSSL Project AuthorsCopyright 2013-2020 The OpenSSL Project AuthorsCopyright 2011-2020 The OpenSSL Project AuthorsCopyright 2009-2022 The OpenSSL Project AuthorsCopyright 2014-2020 The OpenSSL Project AuthorsCopyright 2012-2021 The OpenSSL Project AuthorsCopyright 2014-2023 The OpenSSL Project AuthorsCopyright 2012-2023 The OpenSSL Project AuthorsCopyright 2011-2021 The OpenSSL Project AuthorsCopyright 2017-2021 The OpenSSL Project AuthorsCopyright (c) 2017, Oracle and/or its affiliatesCopyright (c) 2017 National Security Research InstituteCopyright 1999-2020 The OpenSSL Project AuthorsCopyright 2000-2020 The OpenSSL Project AuthorsCopyright 2008-2022 The OpenSSL Project AuthorsCopyright 1999-2023 The OpenSSL Project AuthorsCopyright 2008-2023 The OpenSSL Project AuthorsCopyright 2015-2016 The OpenSSL Project AuthorsCopyright Patrick Powell 1995Copyright 2005-2022 The OpenSSL Project AuthorsCopyright 1998-2023 The OpenSSL Project AuthorsCopyright 2014-2021 The OpenSSL Project AuthorsCopyright 2002-2023 The OpenSSL Project AuthorsCopyright 1995-2017 The OpenSSL Project AuthorsCopyright (c) 2018-2019, Oracle and/or its affiliatesCopyright 2013-2022 The OpenSSL Project AuthorsCopyright (c) 2012, Intel CorporationCopyright (c) 2020, Intel CorporationCopyright 2020-2023 The OpenSSL Project AuthorsCopyright 2012-2016 The OpenSSL Project AuthorsCopyright 2001-2018 The OpenSSL Project AuthorsCopyright 2010-2021 The OpenSSL Project AuthorsCopyright 2007-2016 The OpenSSL Project AuthorsCopyright 2002-2018 The OpenSSL Project AuthorsCopyright 2006 NTT (Nippon Telegraph and Telephone Corporation)Copyright (c) 2008 Andy Polyakov <appro@openssl.org>Copyright 2016-2019 The OpenSSL Project AuthorsCopyright IBM Corp. 2018Copyright 2007-2021 The OpenSSL Project AuthorsCopyright 2007-2022 The OpenSSL Project AuthorsCopyright Nokia 2007-2020Copyright Siemens AG 2015-2020Copyright 2013-2021 The OpenSSL Project AuthorsCopyright 1998-2020 The OpenSSL Project AuthorsCopyright Nokia 2007-2018Copyright 1998-2016 The OpenSSL Project AuthorsCopyright 2000-2018 The OpenSSL Project AuthorsCopyright 2011 Google Inc.Copyright 2014-2022 The OpenSSL Project AuthorsCopyright (c) 2014, Intel CorporationCopyright (c) 2015, CloudFlare, Inc.Copyright 2014-2016 The OpenSSL Project AuthorsCopyright 2021-2023 The OpenSSL Project AuthorsCopyright (c) 2015 CloudFlare, Inc.Copyright 2015-2016 Cryptography Research, Inc.Copyright 2015 Cryptography Research, Inc.Copyright 2014 Cryptography Research, Inc.Copyright 2017-2018 The OpenSSL Project AuthorsCopyright 2016 Cryptography Research, Inc.Copyright 2014-2016 Cryptography Research, Inc.Copyright 2001-2020 The OpenSSL Project AuthorsCopyright 2001-2023 The OpenSSL Project AuthorsCopyright 2017 Ribose Inc.Copyright 2022 The OpenSSL Project AuthorsCopyright 1995-2019 The OpenSSL Project AuthorsCopyright 2008-2016 The OpenSSL Project AuthorsCopyright 2013-2018 The OpenSSL Project AuthorsCopyright 1998-2022 The OpenSSL Project AuthorsCopyright 2000-2023 The OpenSSL Project AuthorsCopyright 2001-2016 The OpenSSL Project AuthorsCopyright IBM Corp. 2018-2019Copyright 1999-2018 The OpenSSL Project AuthorsCopyright IBM Corp. 2019Copyright 2017 BaishanCloudCopyright (c) 2007 KISA(Korea Information Security Agency)Copyright 2017-2020 The OpenSSL Project AuthorsCopyright (c) 2012-2016 Jean-Philippe AumassonCopyright (c) 2012-2014 Daniel J. BernsteinCopyright 2017-2023 The OpenSSL Project AuthorsCopyright 2006-2018 The OpenSSL Project AuthorsCopyright 2017 The OpenSSL Project AuthorsCopyright 2004-2023 The OpenSSL Project AuthorsCopyright 2003-2023 The OpenSSL Project AuthorsCopyright (c) 2004 Kungliga Tekniska Hogskolan (Royal Institute of Technology, Stockholm, Sweden)Copyright 2003-2021 The OpenSSL Project AuthorsCopyright 1998-2017 The OpenSSL Project AuthorsCopyright 2013-2017 The OpenSSL Project AuthorsCopyright 2015-2017 The OpenSSL Project AuthorsCopyright 2012-2022 The OpenSSL Project AuthorsCopyright 2007-2018 The OpenSSL Project AuthorsCopyright 2022-2023 The OpenSSL Project AuthorsCopyright 2000-2017 The OpenSSL Project AuthorsCopyright 2008-2018 The OpenSSL Project AuthorsCopyright 2013-2023 The OpenSSL Project AuthorsCopyright 2004-2018 The OpenSSL Project AuthorsCopyright 2018-2019 The OpenSSL Project AuthorsCopyright 2007-2019 The OpenSSL Project AuthorsCopyright 2016-2017 The OpenSSL Project AuthorsCopyright 2015-2018 The OpenSSL Project AuthorsCopyright 2000-2019 The OpenSSL Project AuthorsCopyright 2018 The OpenSSL Project AuthorsCopyright 2001-2017 The OpenSSL Project AuthorsCopyright 2009-2023 The OpenSSL Project AuthorsCopyright 2023 The OpenSSL Project AuthorsCopyright 2019 Red Hat, Inc.Copyright 2011-2023 The OpenSSL Project Authorscopyright (c) 2013 by Mark Jason Dominus <mjd@cpan.org>Copyright (c) 2013 by Mark Jason Dominus <mjd@cpan.org>Copyright (c) 1989 Free Software Foundation, Inc.copyrighted by the Free Software FoundationCopyright 2013 M. J. DominusCopyright (c) 2018, Oracle and/or its affiliatesCopyright (c) 2006, Network Resonance, Inc.Copyright (c) 2011, RTFM, Inc.Copyright 2012, Samuel Neves <sneves@dei.uc.pt>Copyright 2005-2023 The OpenSSL Project AuthorsCopyright 2014-2018 The OpenSSL Project AuthorsCopyright 2016-2016 The OpenSSL Project AuthorsCopyright (c) 2018-2020, Oracle and/or its affiliatesCopyright (c) 2019-2020, Oracle and/or its affiliatesCopyright Siemens AG 2020Copyright 2006-2017 The OpenSSL Project AuthorsCopyright 2021 UnionTechCopyright (c) 2016 Viktor Dukhovni <openssl-users@dukhovni.org>Copyright 2021 UnionTech (https://www.uniontech.com)Copyright 2017 Ribose Inc. (https://www.ribose.com)Copyright 2023The OpenSSL Project AuthorsCopyright Siemens AG 2015-2022Copyright Siemens AG 2019-2022Copyright 2005-2018 The OpenSSL Project AuthorsCopyright 2014-2017 The OpenSSL Project Authors

**License:** Apache License V2.0

Please see above

**Software:** OTF2 3.0

**Copyright notice:**

Copyright (c) 1996-2013 Free Software Foundation, Inc.(c) 2009-2018 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors UnderscoreCopyright (c) 2010-2013 Free Software Foundation, Inc.Copyright (c) 2016, 2020, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2014, 2017, 2020-2021, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2011-2013 Free Software Foundation, Inc.Copyright (c) 2014 Bastien ROUCARIES <roucaries.bastien+autoconf@gmail.com>Copyright (c) 2004-2013 Free Software Foundation, Inc.Copyright (c) 2015, 2017, 2020, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2012, 2014, 2018, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2011, 2018, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 1997-2013 Free Software Foundation, Inc.Copyright (c) 2009-2011, 2015, 2021, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2013, Technische Universitaet Muenchen, GermanyCopyright (c) 2013, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2021, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 1990-2020 The LaTeX3 ProjectCopyright (c) 2019 Marc Stevens <marc.stevens@cwi.nl>Copyright (c) 2009-2011, 2019-2020, Technische Universitaet Dresden, GermanyCopyright (c) 2008 Steven G. Johnson <stevenj@alum.mit.edu>Copyright (c) 2012 Zack Weinberg <zackw@panix.com>Copyright (c) 2009-2013, GesellschaftCopyright (c) 2015, Technische Universitaet Dresden, GermanyCopyright (c) 1994, 1995, 1996, 1999, 2000, 2001, 2002, 2004, 2005, 2006, 2007, 2008, 2009 Free Software Foundation, Inc.Copyright (c) 1992-1996, 1998-2012 Free Software Foundation, Inc.Copyright (c) 2014, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2013, 2018, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2011, German Research School for Simulation Sciences GmbH, Juelich/Aachen, GermanyCopyright (c) 2003-2013 Free Software Foundation, Inc.Copyright (c) 2020 Jason Merrill <jason@redhat.com>Copyright (c) 1994-2013 Free Software Foundation, Inc.Copyright (c) 2009-2011, University of Oregon, EugeneCopyright (c) 2009-2011, 2019, Technische Universitaet Dresden, GermanyCOPYRIGHT (c) 2009-2012, RWTH Aachen UniversityCopyright (c) 2009-2012, 2014, 2017, Technische Universitaet Dresden, GermanyCopyright (c) 2004-2005, 2007-2008, 2011-2015 Free Software Foundation, Inc.Copyright (c) 2009-2011, 2018, Technische Universitaet Dresden, GermanyCopyright (c) 2014, 2019, Technische Universitaet Dresden, GermanyCopyright (c) 2019, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2015, 2017-2018, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2012, RWTH Aachen University, Germany GesellschaftCopyright (c) 2013-2014, 2021, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2012, GesellschaftCopyright (c) 1999-2013 Free Software Foundation, Inc.Copyright (c) 2009-2012, 2014-2015, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2002-2013 Free Software Foundation, Inc.Copyright (c) 2009-2013, German Research School for Simulation Sciences GmbH, Juelich/Aachen, GermanyCopyright (c) 2008-2013 Free Software Foundation, Inc.Copyright (c) 2009-2011, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2011, 2015, 2017, 2019, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2016-2017, Christian Feld <c.feld@fz-juelich.de>Copyright (c) 2009-2014, German Research School for Simulation Sciences GmbH, Juelich/Aachen, GermanyCopyright 2009-2010 Andrea Leofreddi <a.leofreddi@itcharm.com>Copyright (c) 2009-2012, RWTH Aachen UniversityCopyright (c) 2009-2015, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2011, RWTH Aachen University, Germany Gesellschaft(c) 2017, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2017, 2019-2021, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2012, 2021, Technische Universitaet Dresden, GermanyCopyright (c) 2010-2015 Free Software Foundation, Inc.Copyright (c) 2014, 2019-2020, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2014, 2018, 2021, Technische Universitaet Dresden, GermanyCopyright (c) 2011 Free Software Foundation, Inc.COPYRIGHT (c) 2009-2021, Forschungszentrum Julich GmbH, GermanyCopyright (c) 2009-2013, 2015, 2018, Forschungszentrum Juelich GmbH, GermanyCOPYRIGHT (c) 2009-2012, University of Oregon, EugeneCopyright (c) 2000-2013 Free Software Foundation, Inc.Copyright (c) 1994 X ConsortiumCopyright (c) 2009-2013, 2021, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2011, 2014, 2019, Technische Universitaet Dresden, GermanyCopyright (c) 2013 Roy Stogner <roystgnr@ices.utexas.edu>Copyright (c) 2009-2012, 2014, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2012, 2014, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2021, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2012, 2018, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2016, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2013, 2014, 2018, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2015-2016, 2021, Technische Universitaet Dresden, GermanyCopyright (c) 2013, 2021, Technische Universitaet Dresden, GermanyCopyright (c) 2003 Asim JalisCopyright (c) 2009-2013, University of Oregon, EugeneCopyright (c) 2015 Moritz Klammler <moritz@klammler.eu>Copyright (c) 1996-2001, 2003-2015 Free Software Foundation, Inc.Copyright (c) 2016, 2018 Krzesimir Nowak <qdlacz@gmail.com>Copyright (c) 2009-2012, 2019, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2012, 2018, Technische Universitaet Dresden, GermanyCopyright (c) 1997, 2009 American Mathematical SocietyCopyright (c) 2015-2017, Technische Universitaet Dresden, GermanyCopyright (c) 2015-2016, Technische Universitaet Dresden, GermanyCopyright (c) 2014 Free Software Foundation, Inc.Copyright (c) 2011-2012, 2017, Technische Universitaet Dresden, GermanyCopyright (c) 2017, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2011, Technische Universitaet Muenchen, GermanyCopyright (c) 2021 Markus Geimer <m.geimer@fz-juelich.de>Copyright (c) 2004, 2011-2015 Free Software Foundation, Inc.Copyright (c) 2009-2013, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2011, 2015, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2021, Forschungszentrum Juelich GmbH, GermanyCopyright 2019 Radical Eye SoftwareCopyright (c) 2012 Free Software Foundation, Inc.Copyright (c) 2008 Benjamin Kosnik <bkoz@redhat.com>copyright .2017, Technische Universitaet Dresden, GermanyCopyright (c) 2014-2015, Technische Universitaet Dresden, GermanyCopyright (c) 2013 Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2013, 2021, Technische Universitaet Dresden, GermanyCopyright (c) 2015 Paul Norman <penorman@mac.com>Copyright (c) 2018, 2021, Forschungszentrum Juelich GmbH, GermanyCopyright 1992-2021 Free Software Foundation, Inc.Copyright (c) 2018-19 John Zaitseff <J.Zaitseff@zap.org.au>Copyright (c) 2013 Steven Benner (http://stevenbenner.com/)Copyright (c) 2011 Daniel Richard G. <skunk@iSKUNK.ORG>Copyright jQuery Foundation and other contributorsCopyright (c) 2009-2012, University of Oregon, EugeneCopyright 2007-2019 by the Sphinx teamCopyright (c) 2009-2011, 2013, Technische Universitaet Dresden, GermanyCopyright (c) 2004-2005, 2007-2009, 2011-2015 Free Software Foundation, Inc.Copyright (c) 2016, Technische Universitaet Dresden, GermanyCopyright (c) 2012, Technische Universitaet Dresden, GermanyCopyright (c) 2013, Technische Universitaet Dresden, GermanyCopyright 2011, AUTHORS.txt (http://jqueryui.com/about)Copyright (c) 2009-2012, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2014, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2013-2015, Technische Universitaet Dresden, GermanyCopyright (c) 2013-2014, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2012 Technische Universitaet Muenchen, GermanyCopyright (c) 2009-2014, 2017, 2020, Forschungszentrum Juelich GmbH, GermanyCopyright 2011, The Dojo FoundationCopyright (c) 2009-2021, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2011, 2014, 2018, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2015, 2017, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2017, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2013, 2018, Technische Universitaet Dresden, GermanyCOPYRIGHT (c) 2009-2021, Technische Universitat Dresden, GermanyCopyright (c) 2009-2013, 2015, Technische Universitaet Dresden, GermanyCopyright (c) 2001-2017, 2020-2021 Free Software Foundation, Inc.Copyright (c) 2011-2014, 2017, 2020, Technische Universitaet Dresden, GermanyCopyright (c) 2014, German Research School for Simulation Sciences GmbH, Juelich/Aachen, GermanyCopyright (c) 2009-2013, 2019, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2012, Technische Universitaet Muenchen, GermanyCopyright (c) 2009-2011, 2013-2014, Technische Universitaet Dresden, GermanyCOPYRIGHT (c) 2009-2012, GesellschaftCopyright (c) 2004-2015 Free Software Foundation, Inc.Copyright (c) 2009-2011, GesellschaftCopyright (c) 2009-2018, 2021, Technische Universitaet Dresden, GermanyCopyright JS Foundation and other contributorsCopyright (c) 2015, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2015, 2018, Forschungszentrum Juelich GmbH, GermanyCopyright <http://www.ams.org>Copyright (c) 2009-2012, 2017, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2001-2013 Free Software Foundation, Inc.Copyright (c) 2008 Matteo FrigoCopyright (c) 2009-2012, 2014, 2021, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2013 Free Software Foundation, Inc.Copyright (c) 2014, 2015 Google Inc.Copyright (c) 2009-2011, RWTH Aachen UniversityCopyright (c) 2009-2014, 2017, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2012, 2014 German Research School for Simulation Sciences GmbH, Juelich/Aachen, GermanyCopyright (c) 2014, 2018, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2011, 2016, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2013-2014, 2018, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2012, 2014, 2020, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2015, 2020, Technische Universitaet Dresden, GermanyCopyright (c) 2010 Cowboy Ben AlmanCopyright (c) 2008 Andrew CollierCopyright (c) 2009-2014, 2021, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2012, 2016, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2013, RWTH Aachen UniversityCopyright (c) 2018, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2013, 2015, 2017, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2004-2005, 2007, 2009, 2011-2015 Free Software Foundation, Inc.Copyright (c) 2014, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2014, 2019-2020, Technische Universitaet Dresden, GermanyCopyright (c) 2019 Enji Cooper <yaneurabeya@gmail.com>Copyright (c) 2006-2013 Free Software Foundation, Inc.Copyright (c) 2009-2014, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2012, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2013, Technische Universitaet Dresden, GermanyCopyright 2011, John ResigCopyright (c) 2009-2012, German Research School for Simulation Sciences GmbH, Juelich/Aachen, GermanyCopyright (c) 1996-2015 Free Software Foundation, Inc.Copyright (c) 2009-2014, 2018, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2014, 2019, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2014, 2018-2019, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2011, Technische Universitaet Dresden, GermanyCopyright (c) 2009-2013, 2017, Forschungszentrum Juelich GmbH, GermanyCopyright (c) 2009-2014, 2016, Technische Universitaet Dresden, GermanyCopyright (c) 2013-2015, 2021, Technische Universitaet Dresden, Germany

**License:** MIT License

Please see above

**Software:** packaging 23.1

**Copyright notice:**

Copyright (c) Donald Stufft and individual contributors

**License:** BSD 3-Clause License

Please see above

**Software:** pako 1.0.11

**Copyright notice:**

Copyright (C) 2014-2017 by Vitaly Puzrin and Andrei Tuputcyn

**License:** zlib/libpng License

Copyright (c) <year> <copyright holders>This software is provided 'as-is', without any express or impliedwarranty. In no event will the authors be held liable for any damagesarising from the use of this software.Permission is granted to anyone to use this software for any purpose,including commercial applications, and to alter it and redistribute itfreely, subject to the following restrictions:1. The origin of this software must not be misrepresented; you must notclaim that you wrote the original software. If you use this softwarein a product, an acknowledgment in the product documentation would beappreciated but is not required.2. Altered source versions must be plainly marked as such, and must not bemisrepresented as being the original software.3. This notice may not be removed or altered from any sourcedistribution.

**License:** MIT License

Please see above

**Software:** paramiko 3.4.0

**Copyright notice:**

Copyright (C) 1991, 1999 Free Software Foundation, Inc.Copyright (C) 2003-2006 Robey Pointer <robeypointer@gmail.com>Copyright (C) 2003-2007 John Rochester <john@jrochester.org>Copyright (C) 2003-2007 Robey Pointer <robeypointer@gmail.com>Copyright (C) 2003-2008 Robey Pointer <robeypointer@gmail.com>Copyright (C) 2003-2009 Robey Pointer <robeypointer@gmail.com>Copyright (C) 2003-2011 Robey Pointer <robeypointer@gmail.com>Copyright (C) 2005 John Arbash-Meinel <john@arbash-meinel.com>Copyright (C) 2006-2007 Robey Pointer <robeypointer@gmail.com>Copyright (C) 2008 Robey Pointer <robeypointer@gmail.com>Copyright (C) 2010 Sofian Brabez <sbz@6dev.net>Copyright (C) 2012 Olle Lundberg <geek@nerd.sh>Copyright (C) 2012 Yipit, Inc <coders@yipit.com>Copyright (C) 2013 Torsten Landschoff <torsten@debian.org>Copyright (C) 2013-2014 science + computing ag Copyright (C) 2019 Edgar Sousa <https://github.com/edgsousa>Copyright (C) 2021 Lew Gordon <lew.gordon@genesys.com>Copyright (C) 2022 Patrick Spendrin <psml@gmx.de>

**License:** LGPL V2.1

Please see above

**Software:** parse5 7.1.2

**Copyright notice:**

Copyright 2014 http://joyent.com/' Joyent, IncCopyright (c) 2013-2019 Ivan Nikulin (ifaaan@gmail.com, https://github.com/inikulin)copyright content http://cern.ch/copyright(c) Copyright 2004-2011 Apple Computer, Inc., Mozilla Foundation, and Opera Software(c) 2014 title

**License:** MIT License

Please see above

**Software:** parseurl 1.3.3

**Copyright notice:**

Copyright (c) 2014 Jonathan OngCopyright (c) 2014-2017 Douglas Christopher Wilson <doug@somethingdoug.com>Copyright (c) 2014 Jonathan Ong <me@jongleberry.com>Copyright (c) 2014-2017 Douglas Christopher Wilson

**License:** MIT License

Please see above

**Software:** partd 1.4.0

**Copyright notice:**

Copyright (c) 2015, Continuum Analytics, Inc. and contributors All rights reserved

**License:** BSD 3-Clause License

Please see above

**Software:** path-to-regexp 0.1.7

**Copyright notice:**

Copyright (c) 2014 Blake Embrey (hello@blakeembrey.com)

**License:** MIT License

Please see above

**Software:** pathlib2 2.3.7.post1

**Copyright notice:**

Copyright JS Foundation and other contributors(c) JS Foundation and other contributorsCopyright 2007-2021 by the Sphinx teamcopyright 2012-2014 Antoine Pitrou and contributors 2014-2021, Matthias C. M. Troffaes and contributors(c) 2009-2021 Jeremy Ashkenas, Julian Gonggrijp, and DocumentCloud and Investigative Reporters & Editors Underscore(c) 2012-2014 Antoine Pitrou and contributors 2014-2021, Matthias C. M. Troffaes and contributorsCopyright (c) 2012-2014 Antoine Pitrou and contributorsCopyright (c) 2014-2021 Matthias C. M. TroffaesCopyright (c) 2014-2017 Matthias C. M. Troffaescopyright ^2012-2014 Antoine Pitrou and contributors 2014-2021, Matthias C. M. Troffaes and contributorsCopyright (c) 2014-2021 Matthias C. M. Troffaes and contributors

**License:** MIT License

Please see above

**Software:** Pexpect - Pure Python Expect-like module 4.8.0

**Copyright notice:**

Copyright (c) 2013-2014, Pexpect development teamCopyright (c) 2012, Noah Spurrier <noah@noah.org>Copyright (c) 2013-2016, Pexpect development teamCopyright (c) 2016, Martin Packman <martin.packman@canonical.com>Copyright (c) 2010 Doug Hellmann. All rights reserved.

**License:** ISC License

Please see above

**Software:** picocolors 1.0.0

**Copyright notice:**

Copyright (c) 2021 Alexey Raspopov, Kostiantyn Denysov, Anton Verinov

**License:** ISC License

Please see above

**Software:** picomatch 2.3.1

**Copyright notice:**

Copyright (c) 2017-present, Jon Schlinkert

**License:** MIT License

Please see above

**Software:** pinia 2.1.6

**Copyright notice:**

Copyright (c) 2019-present Eduardo San Martin MoroteCopyright (c) 2019-present Eduardo San Martin(c) 2021 Eduardo San Martin Morote

**License:** MIT License

Please see above

**Software:** pip 23.3.1

**Copyright notice:**

Copyright (c) 2008-present The pipCopyright (c) 2008-2020 The pipCopyright (c) 2010-2020 Benjamin PetersonCopyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022 Python Software FoundationCopyright (c) 1995-2001 Corporation for National Research InitiativesCopyright (c) 1991 - 1995, Stichting Mathematisch Centrum Amsterdam, The NetherlandsCopyright (c) 2015 Eric LarsonCopyright (c)2012-2021 Eric LarsonCopyright (c) 1999 Entrust.net LimitedCopyright (c) 1999 Entrust.net Limited Label Entrust.net Premium 2048 Secure Server CA SerialCopyright (c) 2006 Entrust, Inc. Label Entrust Root CertificationCopyright (c) 1998 the Initial DeveloperCopyright (c) 2001 the Initial DeveloperCopyright (c) 2005 the Initial DeveloperCopyright (c) 1991, 1999 Free Software Foundation, Inc.Copyright Jonathan Hartley 2013Copyright (c) 2010 Jonathan HartleyCopyright (c) 2012-2022 Vinay SajipCopyright (c) 2013-2017 Vinay SajipCopyright (c) 2012-2017 The Python Software FoundationCopyright (c) 2013 Vinay SajipCopyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 Python Software FoundationCopyright (c) 2012-2015 Vinay SajipCopyright (c) 2012-2013 Python Software FoundationCopyright (c) 2012-2017 Vinay SajipCopyright (c) 2012 The Python Software FoundationCopyright (c) 2013-2015 Vinay SajipCopyright (c) Simple LauncherCopyright (c) 2012-2021 The Python Software FoundationCopyright (c) 2013-2020 Vinay SajipCopyright 2015,2016,2017 Nir CohenCopyright (c) 2013-2021, Kim DaviesCopyright (c) 2008-2011 INADA Naoki <songofacandy@gmail.com>Copyright (c) Donald Stufft and individual contributorsCopyright (c) 2016 Jason R Coombs <jaraco@jaraco.com>Copyright (c) 2010-202x The platformdirsCopyright 2006-2022 by the Pygments teamCopyright (c) 2006-2022 by Georg Brandl, Matthaus Chajdas and contributorsCopyright (c) 2006-2022 by theCopyright (c) 2003-2022 Paul T. McGuireCopyright (c) 2017 Thomas Kluyvercopyright (c) 2017 by Kenneth Reitzcopyright (c) 2012 by Kenneth ReitzCopyright (c) 2018, Tzu-ping Chung <uranusjr@gmail.com>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)Copyright (c) 2020 Will McGuganCopyright (c) 2016-2018 Julien DanjouCopyright (c) 2017 Elisey ZankoCopyright (c) 2016 Etienne BersacCopyright (c) 2016 Joshua HarlowCopyright (c) 2013-2014 RayCopyright (c) 2016 Julien DanjouCopyright (c) 2016-2021 Julien DanjouCopyright (c) 2021 Taneli HukkinenCopyright (c) 2021 Taneli HukkinenCopyright (c) 2008-2020 Andrey Petrov and contributorsCopyright (c) 2015-2016 Will Bond <will@wbond.net>Copyright (c) 2012 by Simon SapinCopyright (c) 2012 by Simon SapinCopyright (c) 2006-2009 Steven J. Bethard <steven.bethard@gmail.com>Copyright (c) 2011, Steven J. BethardCopyright (c) 2007 Michael Twomeycopyright (c) 2014 by Armin RonacherCopyright (c) 2015-2019 Jukka Lehtosalo and contributorsCopyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012 Python Software FoundationCopyright (c) 2020, mypyc teamCopyright (c) 2008, Google Inc.Copyright (c) 2005, Google Inc.Copyright (c) 2007, Google Inc.Copyright (c) 2008 Google Inc.Copyright (c) 2006, Google Inc.Copyright (c) 2003 Google Inc.Copyright (c) 2015, Google Inc.Copyright (c) 2009 Google Inc.Copyright (c) 2009-2013, The fellowshipCopyright (c) 2007-2013 by the Sphinx teamCopyright (c) 2005 Gregory P. Smith (greg@krypto.org)Copyright (c) 2011 Agendaless Consulting and Contributors. (http://www.agendaless.com)copyright 2011, Agendaless Consulting <pylons-discuss@googlegroups.com>Copyright (c) 2007 Ian Bicking and ContributorsCopyright (c) 2009 Ian Bicking, The Open Planning ProjectCopyright (c) 2011-2013 The virtualenvCopyright (c) 2007-2013, Ian Bicking, The Open Planning ProjectCopyright (c) 2008-2013 The pipCopyright (c) 2010-2013 Benjamin PetersonCopyright (c) 2012-2013 Vinay SajipCopyright (c) 2012-2013 The Python Software FoundationCopyright (c) 2002 Lars Gustaebel <lars@gustaebel.de>Copyright (c) 2009-2011, The fellowshipCopyright (c) 2007-2011 by the Sphinx team

**License:** MIT License

Please see above

**Software:** popperjs-es 2.11.7

**Copyright notice:**

Copyright (c) 2019 Federico Zivolo

**License:** MIT License

Please see above

**Software:** postcss 8.4.31

**Copyright notice:**

Copyright 2013 Andrey Sitnik <andrey@sitnik.ru>

**License:** MIT License

Please see above

**Software:** process-nextick-args 2.0.1

**Copyright notice:**

Copyright (c) 2015 Calvin Metcalf

**License:** MIT License

Please see above

**Software:** promise-retry 2.0.1

**Copyright notice:**

Copyright (c) 2014 IndigoUnited

**License:** MIT License

Please see above

**Software:** protobuf-java 3.19.6

**Copyright notice:**

Copyright 2008 Google Inc.Copyright 2015 Google Inc.Copyright (c) 2007-2010 by Baptiste LepilleurCopyright (c) 2007-2010 Baptiste LepilleurCopyright 2007-2010 Baptiste LepilleurCopyright 2007-2011 Baptiste LepilleurCopyright 2011 Baptiste LepilleurCopyright 2015, Google Inc. Protocol Buffers Binary Serialization Format GoogleCopyright 2017 Google Inc.Copyright 2016 Google Inc.Copyright 2015, Google Inc. Google Protocol BuffersCopyright 2018 Google Inc.Copyright 2019 Google Inc.Copyright (c) 2008 Benjamin Kosnik <bkoz@redhat.com>Copyright (c) 2012 Zack Weinberg <zackw@panix.com>Copyright (c) 2013 Roy Stogner <roystgnr@ices.utexas.edu>Copyright (c) 2014, 2015 Google Inc.Copyright (c) 2015 Paul Norman <penorman@mac.com>Copyright (c) 2015 Moritz Klammler <moritz@klammler.eu>Copyright (c) 2016 Krzesimir Nowak <qdlacz@gmail.com>Copyright (c) 2008 Paolo Bonzini <bonzini@gnu.org>Copyright (c) 2012 Avionic Design GmbHCopyright (c) 2008 Steven G. Johnson <stevenj@alum.mit.edu>Copyright (c) 2011 Daniel Richard G. <skunk@iSKUNK.ORG>Copyright (c) 2019 Marc Stevens <marc.stevens@cwi.nl>Copyright 2014 Google Inc.Copyright 2013 Google Inc.Copyright 2011 Google Inc.Copyright (c) 2016 GoogleCopyright (c) 2009-2021, Google LLCCopyright 2008 Google Inc. https://developers.google.com/protocol-buffersCopyright 2019 Google LLC.copyright 2008 Google LLCCopyright 2007 Google Inc.Copyright 2009 Google Inc.Copyright (c) 2006, Google Inc.Copyright 2012 Google Inc.Copyright 2005 Google Inc.

**License:** BSD 3-Clause License

Please see above

**Software:** proxy-addr 2.0.7

**Copyright notice:**

Copyright (c) 2014-2016 Douglas Christopher WilsonCopyright(c) 2014-2016 Douglas Christopher Wilson MIT Licensed

**License:** MIT License

Please see above

**Software:** proxy-from-env 1.1.0

**Copyright notice:**

Copyright (c) 2016-2018 Rob Wu <rob@robwu.nl>

**License:** MIT License

Please see above

**Software:** psutil 5.9.5

**Copyright notice:**

Copyright (c) 2009 Giampaolo Rodola'. All rights reservedCopyright (c) 2009, Giampaolo Rodola'. All rights reservedCopyright (c) 2017, Arnon Yaari All rights reservedCopyright (c) 2009, Giampaolo Rodola', Landry Breuil (OpenBSD). All rights reservedCopyright 2007-2011 by the Sphinx teamCopyright (c) 2009, Giampaolo Rodola', Landry Breuil. All rights reservedCopyright (c) 2009, GiampaoloCopyright (c) 2009, Jay Loden, Giampaolo Rodola'. All rights reservedCopyright (c) 2009, Giampaolo RodolaCopyright (c) 2015, Ryo ONODERA. All rights reservedCopyright (c) 2009, Jay Loden, Dave Daeschler, Giampaolo Rodola All rights reservedCopyright (c) 2009, Giampaolo Rodola', Himanshu Shekhar. All rights reservedCopyright (c) 2009, Giampaolo Rodola', karthikrev. All rights reservedCopyright (c) 2009, Giampaolo Rodola', Oleksii Shevchuk. All rights reserved

**License:** BSD 3-Clause License

Please see above

**Software:** ptyprocess 0.7.0

**Copyright notice:**

Copyright (c) 2012, Noah Spurrier <noah@noah.org>copyright 2014, Thomas KluyverCopyright (c) 2013-2014, Pexpect development team

**License:** ISC License

Please see above

**Software:** pycparser 2.21

**Copyright notice:**

Copyright (c) 2017 David BeazleyCopyright (c) 2001-2017 David M. Beazley (Dabeaz LLC)Copyright (c) 2008-2020, Eli Bendersky

**License:** Python Software Foundation License V2

Please see above

**License:** Public Domain

Please see above

**License:** BSD-3-Clause-LBNL

Please see above

**Software:** PyJWT 2.4.0

**Copyright notice:**

Copyright 2015-2022 Jose PadillaCopyright (c) 2015-2022 Jose Padillacopyright 2015-2022, Jose Padilla

**License:** MIT License

Please see above

**Software:** PyMySQL v1.1.0

**Copyright notice:**

Copyright (c) 2010, 2013 PyMySQLcopyright 2016, Yutaka Matsubara and GitHub contributorsCopyright (c) 2010-2016 PyMySQL

**License:** MIT License

Please see above

**Software:** PyNaCl 1.5.0

**Copyright notice:**

Copyright (c) 1996-2013 Free Software Foundation, Inc.Copyright (c) 2021 Free Software Foundation, Inc.Copyright (c) 2011-2020 Free Software Foundation, Inc.Copyright (c) 2004-2015 Free Software Foundation, Inc.Copyright (c) 2004, 2011-2015 Free Software Foundation, Inc.Copyright (c) 1997-2020 Free Software Foundation, Inc.Copyright (c) 2002-2020 Free Software Foundation, Inc.Copyright (c) 2009-2020 Free Software Foundation, Inc.Copyright (c) 2006-2020 Free Software Foundation, Inc.Copyright (c) 1994-2020 Free Software Foundation, Inc.Copyright (c) 2003-2020 Free Software Foundation, Inc.Copyright (c) 2010-2015 Free Software Foundation, Inc.Copyright (c) 1996-2020 Free Software Foundation, Inc.Copyright (c) 2011 Free Software Foundation, Inc.Copyright 1992-2021 Free Software Foundation, Inc.Copyright (c) 2013-2019 The libsodium(c) 2013-2019, Frank DenisCopyright (c) 2008 Guido U. Draheim <guidod@gmx.de>Copyright (c) 2011 Daniel Richard G. <skunk@iSKUNK.ORG>Copyright (c) 2019 Marc Stevens <marc.stevens@cwi.nl>Copyright (c) 2008 John Darrington <j.darrington@elvis.murdoch.edu.au>copyright 2013, Donald Stufft and Individual ContributorsCopyright (c) 2008 Alan Woodland <ajw05@aber.ac.uk>Copyright (c) 2008 Steven G. Johnson <stevenj@alum.mit.edu>Copyright (c) 2014, 2015, 2016 Philip Withnall <philip.withnall@collabora.co.uk>Copyright (c) 2017 David Seifert <soap@gentoo.org>Copyright (c) 2004-2020 Free Software Foundation, Inc.Copyright (c) 2004-2005, 2007-2009, 2011-2015 Free Software Foundation, Inc.Copyright (c) 2015 Thomas PorninCopyright (c) 1994 X ConsortiumCopyright 2013-2018 .formatCopyright (c) 2004-2005, 2007, 2009, 2011-2015 Free Software Foundation, Inc.Copyright (c) 2019 Reini Urban <rurban@cpan.org>Copyright 2016 Donald Stufft and individual contributorsCopyright 2018 Donald Stufft and individual contributorsCopyright (c) 2013-2021 Frank DenisCopyright 2017 Donald Stufft and individual contributorsCopyright (c) 1992-1996, 1998-2017, 2020-2021 Free Software Foundation, Inc.Copyright (c) 2004-2005, 2007-2008, 2011-2015 Free Software Foundation, Inc.Copyright 2020 Donald Stufft and individual contributorsCopyright (c) 1999-2020 Free Software Foundation, Inc.Copyright 2013 Donald Stufft and individual contributorsCopyright 2014 Donald Stufft and individual contributorsCopyright (c) 1996-2015 Free Software Foundation, Inc.Copyright (c) 2011 Maarten Bosmans <mkbosmans@gmail.com>Copyright (c) 1996-2001, 2003-2015 Free Software Foundation, Inc.Copyright (c) 2001-2020 Free Software Foundation, Inc.Copyright 2016-2019 Donald Stufft and individual contributorsCopyright (c) 2010 Diego Elio Petteno <flameeyes@gmail.com>Copyright (c) 1999-2013 Free Software Foundation, Inc.Copyright (c) 2015 Enrico M. Crisostomo <enrico.m.crisostomo@gmail.com>Copyright 2009 Colin PercivalCopyright 2012,2013 Alexander PeslyakCopyright 2013 Alexander PeslyakCopyright 2013-2017 Donald Stufft and individual contributorsCopyright (c) 2008-2013 Free Software Foundation, Inc.Copyright 2013-2019 Donald Stufft and individual contributorsCopyright 2013-2018 Donald Stufft and individual contributorsCopyright (c) 2014 Free Software Foundation, Inc.Copyright 2005,2007,2009 Colin Percival

**License:** Apache License V2.0

Please see above

**Software:** pynisher 0.6.4

**Copyright notice:**

No copyright notice found in source files of this software

**License:** Free Software Foundation - MIT License (MIT +)

Please see above

**Software:** pyparsing 3.1.1

**Copyright notice:**

Copyright (c) 2003-2019 Paul T. McGuirecopyright 2018-2022, Paul T. McGuireCopyright copy 2003-2023 Paul McGuireCopyright 2005-2006, Paul McGuireCopyright (c) 2004-2016, Paul McGuireCopyright (c) 2006, Estrate, the NetherlandsCopyright, 2012 - Paul McGuireCopyright (c) 2003,2019 Paul McGuireCopyright (c) 2003, Paul McGuireCopyright Paul McGuire, 2021Copyright 2012, Paul T. McGuireCopyright 2018, Paul McGuireCopyright 2010, 2019 by Paul McGuireCopyright 2008, Paul McGuireCopyright (c) 2004, Paul McGuireCopyright 2009, 2011 Paul McGuireCopyright 2010, Paul McGuireCopyright 2003-2019 by Paul McGuireCopyright 2004-2016, by Paul McGuireCopyright 2003, 2019 by Paul McGuireCopyright (c) 2006, 2016, 2023, Paul McGuireCopyright 2019, Paul McGuireCopyright (c) 2016, Paul McGuireCopyright (c) 2006,2016 Paul McGuireCopyright 2008 Chris LambrouCopyright 2006, by Paul McGuireCopyright Ellis & Grant, Inc. 2005Copyright (c) 2006, Paul McGuirecopyright 2006, Paul McGuireCopyright 2020, Paul McGuireCopyright 2011, Paul McGuireCopyright 2007, 2023 by Paul McGuireCopyright 2021, Paul McGuireCopyright Petri Savolainen <firstname.lastname@iki.fi>Copyright, 2007 - Paul McGuireCopyright 2016, Paul McGuireCopyright, 2010, Paul McGuireCopyright, 2006, by Paul McGuireCopyright 2015, Paul McGuireCopyright 2004, by Alberto Santini http://www.albertosantini.it/chessCopyright 2011,2015 Paul T. McGuireCopyright (c) 2006, 2019, Paul McGuireCopyright Paul McGuire, 2019Copyright (c) 2004, 2006 Paul McGuireCopyright 2010,2019 Paul McGuireCopyright 2007-2011, by Paul McGuireCopyright 2012, 2019 Paul T. McGuireCopyright (c) 2003,2016, Paul McGuireCopyright 1989 by Carnegie Mellon UniversityCopyright 2023, Paul McGuireCopyright 2008, by Paul McGuireCopyright 2022, by Paul McGuireCopyright 2004, Paul McGuireCopyright (c) 2004-2011 Paul T. McGuireCopyright 2006, Paul McGuireCopyright (c) 2003-2022 Paul T. McGuireCopyright (c) 2018 Paul T. McGuireCopyright 2002-2021, Paul McGuireCopyright (c) 2021 Dot

**License:** MIT License

Please see above

**Software:** pyrfr 0.9.0

**Copyright notice:**

Copyright (c) 2016, Randolph Voorhies, Shane Grant All rights reservedCopyright (c) Prabhu RamachandranCopyright (c) 2006, 2007 Marcin Kalicinski(c) Copyright 2006 David Abrahams - http://www.boost.orgCopyright (c) 2014, Randolph Voorhies, Shane Grant All rights reserved(c) Copyright 2002 Robert Ramey - http://www.rrsd.comCopyright (c) 2006, 2009 Marcin KalicinskiCopyright 2021 AutoMLCopyright (c) 2015, Michael Thon All rights reservedCopyright (c) 2004-2008 Rene Nyffenegger

**License:** BSD 3-Clause License

Please see above

**Software:** Python 3.9.11

**Copyright notice:**

Copyright (c) 2005-2009 Steven Solie <steven@solie.ca>Copyright (c) 1995, 1996, 1997, and 1998 WIDE Project. All rights reservedCopyright (c) 2000, BeOpen.comCopyright (c) 2000-2006 Fred L. Drake, Jr. <fdrake@users.sourceforge.net>Copyright (c) 2002 Lars Gustaebel <lars@gustaebel.de> All rights reservedCopyright (c) CorporationCopyright (c) 2002 Unicode, Inc. All Rights reservedCopyright (c) 1997 by Fredrik LundhCopyright (c) 2017-2018 Rhodri James <rhodri@wildebeest.org.uk>Copyright (c) 2016-2022 Sebastian Pipping <sebastian@pipping.org>Copyright Jason R. CoombsCopyright (c) 2013 W3C(r) (MIT, ERCIM, Keio, Beihang), All Rights ReservedCopyright (c) 2003 Python Software FoundationCopyright (c) 2016-2019 Sebastian Pipping <sebastian@pipping.org>Copyright (c) 2002 Peter O'Gorman <ogorman@users.sourceforge.net>Copyright (c) 2005-2010 ActiveState Software Inc.Copyright 1995-1997, Automatrix, Inc., all rights reserved(c) 2006 Entrust, Inc. Label Entrust Root CertificationCopyright 2016-2021 Julien DanjouCopyright (c) 2017 Chanho Park <chanho61.park@samsung.com>Copyright (c) 2001-2022 Python Software Foundation. All rights reservedCopyright (c) 2002, 2003, 2004, Free Software Foundation, Inc.Copyright (c) 2001-2019 Vinay Sajip. All Rights Reservedcopyright 2001, Autonomous Zones Industries, Inc.Copyright (c) 2017 Alexander Bluhm <alexander.bluhm@gmx.net>Copyright 2015,2016,2017 Nir CohenCopyright (c) IBM Corporation, 2003, 2008. All rights reservedCopyright (c) 2012-2016 Christian Heimes (christian@python.org)Copyright (c) 2016 Cristian Rodriguez <crrodriguez@opensuse.org>Copyright (c) 1999-2009 by Secret Labs AB. All rights reservedCopyright (c) 2005-2010 Gerhard Haring <gh@ghaering.de>Copyright (c) 1999-2001 Gregory P. WardCopyright (c) 2012-2021 The Python Software FoundationCopyright 1999, Bioreason, Inc., all rights reservedCopyright (c) 2017-2019 Sebastian Pipping <sebastian@pipping.org>Copyright (c) 2008 Daniel Amelang <dan@amelang.net>Copyright 2009 Brian Quinlan. All Rights ReservedCopyright (c) 2012-2017 The Python Software FoundationCopyright (c) 2012 Christian Heimes (christian@python.org)Copyright (c) 2002-2005 Karl Waclawek <karl@waclawek.net>Copyright (c) 2016 Ed Schouten <ed@nuxi.nl>Copyright (c) 2002 MyCompanyName . All rights reservedCopyright (c) 1998-2000 Thai Open Source Software Center Ltd and Clark CooperCopyright (c) 1992-1996, 1998-2012 Free Software Foundation, Inc.Copyright (c) 2005-2010 Gregory P. Smith (greg@krypto.org)Copyright (c) 2012 Georgios Verigakis <verigak@gmail.com>Copyright (c) 2017 Benbuck Nason <bnason@netflix.com>Copyright (c) 2017 Jose Gutierrez de la Concha <jose@zeroc.com>Copyright (c) 2016 Don Lewis <truckman@apache.org>Copyright (c) 1999 Toby DickensonCopyright (c) 2001 earthian@tama.or.jp, All Rights ReservedCopyright (c) 2007-2012 Michael FoordCopyright (c) 1999-2000 Thai Open Source Software Center LtdCopyright 1994 by Lance Ellinghouse, Cathedral City, California Republic, United States of AmericaCopyright (c) 1998 The Open Groupcopyright (c) 2012 by Kenneth ReitzCopyright (c) 2008-2012 Stefan Krah. All rights reservedCopyright (c) 2017 Sebastian Pipping <sebastian@pipping.org>Copyright (c) 2015-2016 Will Bond <will@wbond.net>copyright 1991-1995 by Stichting Mathematisch Centrum, AmsterdamCopyright (c) 2005-2006 ActiveState Software Inc.Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006 Python Software Foundation. All rights reservedCopyright (c) 1990-1995, Stichting Mathematisch Centrum. All rights reservedCopyright (c) 2002, 2003 Python Software FoundationCopyright 1994 by Lance Ellinghouse Cathedral City, California Republic, United States of America. All Rights ReservedCopyright (c) 2004 by Secret Labs AB, http://www.pythonware.comCopyright 1992-1994, David GottnerCopyright (c) 2017 Viktor Szakats <commit@vsz.me>Copyright (c) 2017-2021 Sebastian Pipping <sebastian@pipping.org>Copyright (c) 2018 Marco Maggi <marco.maggi-ipsu@poste.it>Copyright (c) 2002 Fred L. Drake, Jr. <fdrake@users.sourceforge.net>Copyright 2004-2005 Elemental Security, Inc. All Rights ReservedCopyright (c) 1996, 1998, 2001, 2002, 2003 Red Hat, Inc.Copyright (c) 2012 The Python Software FoundationCopyright (c) 2001 I'O, All Rights Reserved(c) 2013-2017 Christian Heimes <christian@python.org>Copyright (c) 1991-1999 Unicode, Inc. All Rights reservedCopyright 2007 Georg BrandlCopyright (c) 2016-2021 Sebastian Pipping <sebastian@pipping.org>Copyright (c) 2020 Boris Kolpackov <boris@codesynthesis.com>Copyright (c) 1999, 2000, 2001 Steve PurcellCopyright (c) 2010-2020 Benjamin PetersonCopyright (c) 2006-2008, R Oudkerk(c) Python Software FoundationCopyright 2000, Mojam Media, Inc., all rights reservedCopyright (c) 2003-2009 by Fredrik Lundh. All rights reservedCopyright 2001-2019 by Vinay Sajip. All Rights ReservedCOPYRIGHT SIGN 2000Copyright 2016-2018 Julien DanjouCopyright (c) IBM Corporation, 2004, 2008. All rights reservedCopyright (c) 2005 Don Owens All rights reservedCopyright (c) 2008 by Christian Heimes <christian@cheimes.de>Copyright 1991-1995, Stichting Mathematisch Centrum, all rights reservedCopyright (c) 2003-2013 Python Software FoundationCopyright 2012 FacebookCopyright (c) 2001-2019 Expat maintainersCopyright (c) 2016 Gustavo Grieco <gustavo.grieco@imag.fr>Copyright (c) 2016 Gaurav <g.gupta@samsung.com>Copyright 2008 by Armin Ronacher(c) Copyright CNRI, All Rights ReservedCopyright (c) 2006 Free Software Foundation, Inc.(c) 2001 John Hornkvist AIXCopyright (c) 1995-2000, Corporation(c) 2001-2022 Python Software Foundation CFBundleIconFileCopyright (c) 2000-2005 Fred L. Drake, Jr. <fdrake@users.sourceforge.net>(c) Copyright Marc-Andre Lemburg, 2005Copyright (c) 1994 X ConsortiumCopyright 2008 Armin RonacherCopyright (c) 2017 Rhodri James <rhodri@wildebeest.org.uk>Copyright (c) 2013-2020 Vinay SajipCopyright (c) 2001-2002 Greg Stein <gstein@users.sourceforge.net>Copyright (c) 2002 Roger SayleCopyright (c) 2004 Free Software Foundation, Inc.Copyright (c) 1996, 1998, 1999, 2001 Red Hat, Inc.Copyright (c) 2013 Eddy PetrisorCopyright (c) 1997-2001 by Secret Labs AB. All rights reservedCopyright (c) 2001-2010 Python Software Foundation(c) 2006 Entrust, Inc.Copyright (c) 2019 David Loffredo <loffredo@steptools.com>(c) 1999 Entrust.net Limited Label Entrust.net Premium 2048 Secure Server CA SerialCopyright (c) 2004 by Fredrik Lundh <fredrik@pythonware.com>Copyright (c) 2002 Bo ThorsenCopyright (c) 2002 Greg Stein <gstein@users.sourceforge.net>Copyright (c) 2003 Greg Stein <gstein@users.sourceforge.net>Copyright (c) 2011-2013 Vinay SajipCopyright (c) IBM Corporation, 2005, 2008. All rights reservedCopyright (c) 2001-2012 Python Software Foundation. All Rights ReservedCopyright (c) 2005 Karl Waclawek <karl@waclawek.net>Copyright (c) 1999 by Secret Labs ABCopyright (c) 1999-2009 by Fredrik LundhCopyright (c) 2008-2009, Google Inc. All rights reservedCopyright 2013-2014 RayCopyright (c) 2001-2003 Fred L. Drake, Jr. <fdrake@users.sourceforge.net>Copyright (c) 2008-2020 Stefan Krah. All rights reservedCopyright (c) 2004-2006 Python Software FoundationCopyright (c) 2003-2005 by Peter Astrand <astrand@lysator.liu.se>Copyright (c) IBM Corporation, 2005, 2009. All rights reservedCopyright (c) 2002 Karl Waclawek <karl@waclawek.net>Copyright (c) 2003-2004 Federico Di Gregorio <fog@debian.org>Copyright (c) 1994 Steen Lumholt(c) Copyright 2000 Guido van RossumCopyright (c) 2016-2017 Sebastian Pipping <sebastian@pipping.org>Copyright (c) 2020 Georgios Verigakis <verigak@gmail.com>Copyright 2007 Python Software Foundation(c) 2001-2020 Python Software Foundation. CFBundleHelpBookFolder(c) Copyright 2005, Marc-Andre Lemburg (mal@lemburg.com)Copyright (c) 1996 Red Hat, Inc.Copyright (c) 2012 Free Software Foundation, Inc.Copyright (c) 1999 by Fredrik LundhCopyright (c) 1996-2020 Free Software Foundation, Inc.Copyright (c) 2008-present TheCopyright (c) 2017 Rolf Eike Beer <eike@sf-mail.de>Copyright 1992-2021 Free Software Foundation, Inc.Copyright (c) 2012-2019 Vinay Sajip(c) 2009 Entrust, Inc.Copyright (c) 2012-2017 Vinay SajipCopyright (c) 2001-2021 Vinay Sajip. All Rights ReservedCopyright (c) 2011-2020 Stefan Krah. All rights reservedCopyright (c) 2012-2015 Vinay SajipCopyright (c) 2004 by Peter Astrand <astrand@lysator.liu.se>Copyright (c) 1995, 1996, 1997, 1998, and 1999 WIDE Project. All rights reservedCopyright (c) 2006-2013 Python Software FoundationCopyright (c) 2017 Hans Wennborg <hans@chromium.org>Copyright (c) 2005 Martin v. LowisCopyright (c) 1999 by Secret Labs AB.Copyright (c) 1996-2003 Red Hat, Inc.Copyright (c) IBM Corporation, 2001, 2008. All rights reservedCopyright (c) 2018 Anton Maklakov <antmak.pub@gmail.com>(c) 2002 Gregory P. Ward. All Rights ReservedCopyright (c) 2000 John Hornkvist(c) Copyright Guido van Rossum, 2000Copyright (c) 2002-2007 Python Software FoundationCopyright (c) 1991-1995 Stichting Mathematisch Centrum. All rights reservedCopyright (c) 2001-2018 Python Software Foundation All Rights ReservedCopyright (c) 2003-2010 Python Software FoundationCopyright (c) 1991, 2000, 2001 by Lucent TechnologiesCopyright (c) 2012-2013 Python Software FoundationCopyright 2016 Joshua HarlowCopyright (c) 1997-2000 Thai Open Source Software Center LtdCopyright 2000 by Timothy O'Malley <timo@alum.mit.edu>Copyright (c) 2002-2016 Karl Waclawek <karl@waclawek.net>Copyright (c) 2003-2004 by Fredrik Lundh. All rights reservedCopyright (c) 2016 Thomas Beutlich <tc@tbeu.de>(c) 2005 Ian Bicking and contributorsCopyright (c) 2005, 2006 Martin von LowisCopyright 2001-2021 by Vinay Sajip. All Rights ReservedCopyright (c) 2018 Yury Gribov <tetra2005@gmail.com>Copyright (c) 1996, 1998 Red Hat, Inc.Copyright (c) 2001,2002 Python Software FoundationCopyright (c) 2002-2003 Fred L. Drake, Jr. <fdrake@users.sourceforge.net>(c) 1999 Entrust.net LimitedCopyright 2016 Etienne BersacCopyright 2007 Google Inc.Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022 Python Software Foundation All Rights ReservedCopyright (c) 2001-2007 Python Software Foundation(c) 2001-2022 Python Software Foundation. CFBundleName PythonCopyright (c) 2017 Vaclav Slavik <vaclav@slavik.io>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)Copyright 2015 Eric LarsonCopyright (c) 2012-2015 Dan Nicholson <dbn.lists@gmail.com>Copyright (c) 2001-2006 Python Software Foundation(c) 2015 Entrust, Inc.Copyright (c) 2016 Eric Rahm <erahm@mozilla.com>Copyright 1996 by Sam RushingCopyright (c) 2013-2017 Vinay SajipCopyright (c) 2004-2005 Gerhard Haring <gh@ghaering.de>Copyright (c) 2007 Karl Waclawek <karl@waclawek.net>Copyright (c) 1999-2008 by Fredrik Lundh(c) 2001-2020 Python Software Foundation. NSHighResolutionCapableCopyright (c) 2013-2015 Vinay SajipCopyright (c) IBM Corporation, 1981, 2008. All rights reservedCopyright (c) 2000-2004 Fred L. Drake, Jr. <fdrake@users.sourceforge.net>Copyright (c) 2013 Vinay SajipCopyright 2006 Google, Inc. All Rights ReservedCopyright 2007 Google, Inc. All Rights ReservedCopyright (c) 2000 Clark Cooper <coopercc@users.sourceforge.net>Copyright (c) 2002 Jorge Acereda <jacereda@users.sourceforge.net> & Peter O'Gorman <ogorman@users.sourceforge.net>Copyright (c) 2010 Python Software Foundation. All Rights Reserved(c) 2000 Peter Bosch. All Rights ReservedCopyright (c) 2000 BeOpen.com. All rights reserved(c) 2002 Free Software Foundation, Inc.Copyright (c) 1999-2003 Steve PurcellCopyright 2012 by Simon SapinCopyright 1995-1996 by Fred L. Drake, Jr. and Virginia Polytechnic Institute and State University, Blacksburg, VirginiaCopyright (c) 2004, Outercurve FoundationCopyright (c) 2004-2010 Gerhard Haring <gh@ghaering.de>Copyright (c) 2005-2007 Gregory P. Smith (greg@krypto.org)Copyright (c) 2002-2004 Python Software FoundationCopyright (c) 2000 Bastian KleineidamCopyright (c) 2002 Ranjit MathewCopyright (c) 2004, 2005, 2006 Python Software Foundation. All rights reserved(c) 2001-2021 Python Software Foundation. CFBundleSignatureCopyright (c) 1995-2001 Corporation(c) 2001-2021 Python Software Foundation. CFBundleLongVersionString VERSIONCopyright (c) 1997, 2002, 2003, 2007, 2008 Martin von LoewisCopyright (c) 2009,2010 Dustin J. Mitchell <dustin@zmanda.com>Copyright (c) 2006-2010 Gerhard Haring <gh@ghaering.de>Copyright (c) 2004 Python Software Foundation. All rights reservedCopyright (c) 1998-2001 by Secret Labs AB. All rights reservedCopyright (c) 2002 Bo Thorsen <bo@suse.de>Copyright Disney Enterprises, Inc. All Rights ReservedCopyright (c) 2018 Benjamin Peterson <benjamin@python.org>Copyright (c) 1998 Geoffrey KeatingCopyright (c) 2001-2022 Python Software Foundation CFBundleGetInfoString VERSIONCopyright 2006 Georg BrandlCopyright (c) IBM Corporation, 2000, 2008. All rights reservedCopyright (c) 1991 - 1995, Stichting Mathematisch Centrum Amsterdam, The Netherlands. All rights reservedCopyright 2017 Elisey ZankoCopyright (c) 2002-2006 Python Software FoundationCopyright (c) 2021 Dong-hee Na <donghee.na@python.org>Copyright 1996,1997 by Oliver Andrich, Koblenz, GermanyCopyright (c) 2006-2007 Gerhard Haring <gh@ghaering.de>Copyright 2016 Julien DanjouCopyright (c) 2005 Gerhard Haring <gh@ghaering.de>(c) 2002 Python Software Foundation. All Rights ReservedCopyright (c) 1993 by Sun Microsystems, Inc. All rights reservedCopyright (c) 2009,2010 Zmanda Inc. <http://www.zmanda.com/>Copyright (c) 2016 Pascal Cuoq <cuoq@trust-in-soft.com>Copyright (c) 2006 - 2010 Gregor Lingl email glingl@aon.atCopyright (c) 2004 Scott James Remnant <scott@netsplit.com>Copyright (c) 2005-2007 Gerhard Haring <gh@ghaering.de>Copyright (c) 2011-2012 Vinay SajipCopyright 2012-2013 by Larry Hastings(c) 2012 Entrust, Inc.Copyright (c) 2011-2014 Vinay SajipCopyright (c) 2003-2018 Paul T. McGuireCopyright (c) 2002-2006 Karl Waclawek <karl@waclawek.net>Copyright Jonathan Hartley 2013Copyright (c) 2003-2021 Paul T. McGuireCopyright (c) 2001-2006 Twisted Matrix LaboratoriesCopyright (c) 2022 Thijs Schreijer <thijs@thijsschreijer.nl>

**License:** Python Software Foundation License V2

Please see above

**Software:** python-cffi 1.16.0

**Copyright notice:**

Copyright (c) 1996-2003 Red Hat, Inc.Copyright (c) 2002 Ranjit MathewCopyright (c) 2001 John BenitonCopyright (c) 1996-2003, 2007, 2008 Red Hat, Inc.Copyright (c) 2009, 2010, 2011, 2012 ARM Ltd.Copyright (c) 2002 Roger SayleCopyright (c) 1996, 1998, 2001, 2002 Red Hat, Inc.Copyright (c) 1996, 1998, 1999, 2001 Red Hat, Inc.Copyright (c) 1996, 1998 Red Hat, Inc.Copyright (c) 2011, 2014, 2019, 2021 Anthony GreenCopyright (c) 2002 Bo ThorsenCopyright (c) 1996 Red Hat, Inc.

**License:** MIT License

Please see above

**Software:** python-tblib 2.0.0

**Copyright notice:**

Copyright (c) 2013-2022, Ionel Cristian Maries. All rights reserved

**License:** BSD 2-Clause License

Please see above

**Software:** PyYAML 6.0.1

**Copyright notice:**

Copyright (c) 2006-2016 Kirill SimonovCopyright (c) 2017-2021 Ingy döt Net

**License:** MIT License

Please see above

**Software:** qiankun 2.10.1

**Copyright notice:**

Copyright (c) 2019 KuitosCopyright (c) 2019-present Powered by dumi (https://d.umijs.org)

**License:** MIT License

Please see above

**Software:** qs 6.10.3

**Copyright notice:**

Copyright (c) 2014, Nathan LaFreniere and other contributors (https://github.com/ljharb/qs/graphs/contributors)

**License:** BSD 3-Clause License

Please see above

**Software:** range-parser 1.2.1

**Copyright notice:**

Copyright (c) 2012-2014 TJ HolowaychukCopyright (c) 2015-2016 Douglas Christopher WilsonCopyright (c) 2015-2016 Douglas Christopher Wilson doug@somethingdoug.comCopyright (c) 2012-2014 TJ Holowaychuk <tj@vision-media.ca>

**License:** MIT License

Please see above

**Software:** raw-body 2.5.1

**Copyright notice:**

Copyright (c) 2014-2022 Douglas Christopher WilsonCopyright (c) 2013-2014 Jonathan OngCopyright (c) 2014-2022 Douglas Christopher Wilson <doug@somethingdoug.com>Copyright (c) 2013-2014 Jonathan Ong <me@jongleberry.com>

**License:** MIT License

Please see above

**Software:** readable-stream 2.3.7

**Copyright notice:**

Copyright Joyent, Inc. and other Node contributors

**License:** MIT License

Please see above

**Software:** readable-stream 3.6.0

**Copyright notice:**

Copyright Joyent, Inc. and other Node contributors

**License:** MIT License

Please see above

**Software:** regenerator-runtime 0.13.11

**Copyright notice:**

Copyright 2009-2011 Mozilla Foundation and contributors Licensed under the New BSD license. See LICENSE.txt or:Copyright Joyent, Inc. and other Node contributors.Copyright (c) Microsoft Corporation.Copyright (c) 2017-present, Facebook, Inc.Copyright (c) 2009 Thomas Robinson <280north.com>Copyright (c) 2014-present, Facebook, Inc.Copyright 2011 Mozilla Foundation and contributors Licensed under the New BSD license. See LICENSE or:Copyright 2011 The Closure Compiler Authors. All rights reserved.Copyright 2014, 2015, 2016, 2017, 2018 Simon Lydell License: MIT. (See LICENSE.)Copyright 2014 Mozilla Foundation and contributors Licensed under the New BSD license. See LICENSE or:

**License:** MIT License

Please see above

**Software:** remill 5.0.7

**Copyright notice:**

Copyright (C) 2020 Trail of Bits Based on: https:github.comandrew-hardincmake-git-version-trackingblobmasterbetter-examplegit.cc.inCopyright (C) 2020 Trail of Bits Based on: https:github.comandrew-hardincmake-git-version-trackingblobmasterbetter-examplegit.hCopyright (c) 2017 Trail of Bits, Inc.Copyright (c) 2018 Trail of Bits, Inc.Copyright (c) 2018-present Trail of Bits, Inc.Copyright (c) 2019 Trail of Bits, Inc.Copyright (c) 202 Trail of Bits, Inc.Copyright (c) 2020 Andrew HardinCopyright (c) 2020 Trail of Bits, Inc.Copyright (c) 2021 Trail of Bits, Inc.Copyright (c) 2021-present Trail of Bits, Inc.Copyright (c) 2021-present, Trail of Bits, Inc.Copyright (c) 2022 Trail of Bits, Inc.Copyright (c) 2022-present Trail of Bits, Inc.Copyright 2020, Trail of Bits, Inc.

**License:** Apache License V2.0

Please see above

**Software:** requires-port 1.0.0

**Copyright notice:**

Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors.

**License:** MIT License

Please see above

**Software:** rfdc 1.3.0

**Copyright notice:**

Copyright 2019 David Mark Clements <david.mark.clements@gmail.com>

**License:** MIT License

Please see above

**Software:** robust-predicates 3.0.2

**Copyright notice:**

No copyright notice found in source files of this software

**License:** Unlicense

This is free and unencumbered software released into the public domain.Anyone is free to copy, modify, publish, use, compile, sell, ordistribute this software, either in source code form or as a compiledbinary, for any purpose, commercial or non-commercial, and by anymeans.In jurisdictions that recognize copyright laws, the author or authorsof this software dedicate any and all copyright interest in thesoftware to the public domain. We make this dedication for the benefitof the public at large and to the detriment of our heirs andsuccessors. We intend this dedication to be an overt act ofrelinquishment in perpetuity of all present and future rights to thissoftware under copyright law.THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OFMERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OROTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OROTHER DEALINGS IN THE SOFTWARE.For more information, please refer to <http://unlicense.org/>

**Software:** ruamel.yaml 0.17.32

**Copyright notice:**

Copyright (c) 2019-2021 Anthon van der Neut, Ruamel bvba

**License:** MIT License

Please see above

**Software:** rw 1.3.3

**Copyright notice:**

Copyright (c) 2014-2016, Michael Bostock

**License:** BSD 3-Clause License

Please see above

**Software:** rxjs 7.8.1

**Copyright notice:**

Copyright Google Inc. All Rights ReservedCopyright (c) 2014-2018 Google, Inc., RxJS Team Members and ContributorsCopyright (c) 2015-2018 Google, Inc., Netflix, Inc., Microsoft Corp. and contributors(c) 2007 Steven LevithanCopyright 2016 Google Inc. All Rights Reserved(c) Zeno RochaCopyright (c) 2006 Google Inc.

**License:** Apache License V2.0

Please see above

**Software:** safe-buffer 5.1.2

**Copyright notice:**

Copyright (c) Feross AboukhadijehCopyright (c) Feross Aboukhadijeh (http://feross.org)

**License:** MIT License

Please see above

**Software:** safe-buffer 5.2.1

**Copyright notice:**

Copyright (c) Feross AboukhadijehCopyright (c) Feross Aboukhadijeh (http://feross.org)

**License:** MIT License

Please see above

**Software:** safer-buffer 2.1.2

**Copyright notice:**

Copyright (c) 2018 Nikita Skovoroda <chalkerx@gmail.com>

**License:** MIT License

Please see above

**Software:** scandir 1.10.0

**Copyright notice:**

Copyright (c) 2012, Ben Hoyt

**License:** BSD 3-Clause License

Please see above

**Software:** scikit-learn 1.3.0

**Copyright notice:**

Copyright (c) 2007-2023 The scikit-learnCopyright (c) 2007-2009 Cournapeau David <cournape@gmail.com> 2010 Fabian Pedregosa <fabian.pedregosa@inria.fr>Copyright (c) 2018, pandasCopyright 2015 Jon Lund SteffensenCopyright 2014 Steven LoriaCopyright 2011-2019 The Bootstrap AuthorsCopyright 2011-2019 Twitter, Inc.Copyright 2011-2019 The Bootstrap Authors (https://github.com/twbs/bootstrap/graphs/contributors)(c) OpenJS Foundation and other contributors Copyright (c) 2003-2016 Paul T. McGuirecopyrights by Aric Hagberg <hagberg@lanl.gov> (c) INRIA 2014Copyright INRIA (c) INRIA 2011(c) INRIA Copyright (c) 2015, Leland McInnesCopyright (c) 2007 David Cournapeau <cournape@gmail.com> 2010 Fabian Pedregosa <fabian.pedregosa@inria.fr> 2010 Olivier Grisel <olivier.grisel@ensta.org>Copyright (c) 2011 Olivier Grisel <olivier.grisel@ensta.org>Copyright (c) 2011 David Warde-Farley <wardefar at iro dot umontreal dot ca>Copyright (c) 2011 Renato de Pontes PereiraCopyright (c) Donald Stufft and individual contributors (c) 2011 import warnings from numbers import Integral, Real(c) INRIA, University of Amsterdam (c) INRIA 2010Copyright (c) 2007-2014 The LIBLINEAR ProjectCopyright (c) 2000-2009 Chih-Chung Chang and Chih-Jen LinCopyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018 Python Software FoundationCopyright (c) 2011, 2012 Pietro Berkes, Andreas Muller, Mathieu Blondel, Olivier Grisel, Arnaud Joly, Denis Engemann, Giorgio Patrini, Thierry GuillemotCopyright (c) 2004-2017 Holger Krekel and others

**License:** BSD 3-Clause License

Please see above

**Software:** Scipy v1.11.1

**Copyright notice:**

Copyright (c) 2001-2002 Enthought, Inc. 2003-2022, SciPy DevelopersCopyright 1987-, A. Volgenant/Amsterdam School of Economics, University of AmsterdamCopyright 1984, 1995, 2000 by Stephen L. MoshierCopyright (c) 2012 Massachusetts Institute of TechnologyCopyright (c) 2003-2009, The Regents of the University of California, through Lawrence Berkeley National LaboratoryCopyright (c) 2016 Wenzel Jakob <wenzel.jakob@epfl.ch>Copyright 2013 Andrea GavanaCopyright 2008-, The SciPy communityCopyright 2015 Jon Lund SteffensenCopyright (c) Donald Stufft and individual contributorsCopyright (c) 2005-2015, Michele SimionatoCopyright (c) 2018, Quansight-LabsCopyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021 Python Software FoundationCopyright (c) 2016 Adrian VeresCopyright (c) Damian Eads, 2007-2008Copyright (c) 2007, 2008, Damian EadsCopyright (c) 2008 Damian EadsCopyright (c) 2010-2019 Max-Planck-SocietyCopyright (c) 2010-2020 Max-Planck-SocietyCopyright (c) 2019-2020 Peter BellCopyright (c) 2003, 2007-14 Matteo FrigoCopyright (c) 2003, 2007-14 Massachusetts Institute of TechnologyCopyright (c) 2019 Max-Planck-SocietyCopyright (c) 2019 Peter BellCopyright (c) 2002 Travis OliphantCopyright 2002 Pearu PetersonCopyright (c) 2006-2007, Robert Hetland <hetland@tamu.edu>Copyright (c) 2007, John Travers <jtravs@gmail.com>Copyright (c) Pauli Virtanen, 2010Copyright (c) 2010 Thomas P. RobitailleCopyright (c) 2014 Eric MooreCopyright (c) 2013 Kenneth L. HoCopyright 2014 by P.-G. Martinsson, V. Rokhlin, Y. Shkolnisky, and M. TygertCopyright (c) 1989-2004 Johannes BraamsCopyright (c) 1988 by Theo JurriensCopyright (c) 1990-2004 by Johannes Braams texniek at braams.cistron.nl Kersengaarde 33 2723 BP Zoetermeer NLCopyright (c) 2003-2005 Peter J. VerveerCopyright (c) 2018 Sylvain Gubian <sylvain.gubian@pmi.com> , Yang Xiang <yang.xiang@pmi.com>Copyright (c) 2004 David M. Cooke <cookedm@physics.mcmaster.ca>Copyright (c) 2009, Pauli Virtanen <pav@iki.fi>Copyright (c) 2004-2005, Jean-Sebastien Roy (js@jeannot.org)Copyright (c) 1999, 2000, 2001 North Carolina State UniversityCopyright (c) 2016 2017 Felix LendersCopyright 1991 Dieter Kraft, FHMCopyright (c) 2002-2005, Jean-Sebastien Roy (js@jeannot.org)Copyright J.S. Roy (js@jeannot.org), 2002-2005Copyright 2005 Travis OliphantCopyright (c) 2009, Motorola, IncCopyright A. Volgenant/Amsterdam School of Economics, University of AmsterdamCopyright 1999 Travis OliphantCopyright (c) 2003, The Regents of the University of California, through Lawrence Berkeley National LaboratoryCopyright (c) 2006-2008 Alexander ChemerisCopyright (c) 1994 by Xerox CorporationCopyright (c) 1998-2003 by the University of FloridaCopyright (c) 1996-2008 Rice UniversityCopyright (c) 2001-2011 - Scilab EnterprisesCopyright (c) 2010 - Jordi Gutierrez HermosoCopyright (c) 2007 - Sebastien FabbroCopyright (c) 2015, Pauli Virtanen <pav@iki.fi>Copyright (c) 2010 David Fong and Michael SaundersCopyright (c) 2006, Systems Optimization LaboratoryCopyright Anne M. Archibald 2008Copyright (c) Tyler Reddy, Richard Gowers, and Max Linke, 2016Copyright (c) Tyler Reddy, Ross Hemsley, Edd Edmondson, Nikolai Nowaczyk, Joe Pitt-Francis, 2015Copyright (c) Tyler Reddy, 2016Copyright (c) 1993-2019 C.B. BarberCopyright (c) 1993-2019 The Geometry CenterCopyright (c) 2007, Damian EadsCopyright (c) 2012, Jaydeep P. BardhanCopyright (c) 2012, Matthew G. KnepleyCopyright (c) 2014, Janani PadmanabhanCopyright Yosef Meller, 2009Copyright Albert SteppiCopyright (c) 2001, 2002 Enthought, Inc.Copyright Christian LorentzenCopyright (c) Piers LawrenceCopyright 1984, 1987, 1989, 2000 by Stephen L. MoshierCopyright 1984, 1987, 1995 by Stephen L. MoshierCopyright 1984, 1987 by Stephen L. Moshier DirectCopyright 1984, 1991 by Stephen L. Moshier DirectCopyright 1985, 1987 by Stephen L. Moshier DirectCopyright 1984, 1995 by Stephen L. MoshierCopyright 1984, 1987, 1989 by Stephen L. Moshier DirectCopyright 1984, 1987, 1993 by Stephen L. Moshier DirectCopyright 2014, Eric W. MooreCopyright 1985 by Stephen L. Moshier DirectCopyright 1984, 1987, 1989, 1992 by Stephen L. Moshier DirectCopyright 1984, 1987, 1992, 2000 by Stephen L. MoshierCopyright 1984, 1987, 1988, 2000 by Stephen L. MoshierCopyright 1984, 1987, 2000 by Stephen L. MoshierCopyright 1985, 1987, 2000 by Stephen L. Moshier(c) Copyright John Maddock 2006Copyright 1984, 1996 by Stephen L. MoshierCopyright 1984, 1987, 1989, 1992, 2000 by Stephen L. MoshierCopyright 1984, 1987, 1989, 1995 by Stephen L. MoshierCopyright 1984, 1987, 1988, 1992 by Stephen L. Moshier DirectCopyright Benjamin Sobotta 2012Copyright 1984, 1987, 1988 by Stephen L. Moshier Directcopyright Cephes MathCopyright (c) 2006 Xiaogang ZhangCopyright (c) 2009 Pauli VirtanenCopyright 1985, 1987, 1989 by Stephen L. Moshier DirectCopyright (c) 2013 Pauli VirtanenCopyright Daryle Walker, Hubert Holin, John Maddock 2006 - 2007Copyright John Maddock 2008(c) Copyright Hubert Holin 2003Copyright (c) 2006 Johan Rade(c) Copyright John Maddock 2006-7Copyright (c) 2007 John Maddock(c) Copyright Daryle Walker 2001, 2006Copyright John Maddock 2006Copyright John Maddock 2012Copyright John Maddock 2007Copyright Paul A. Bristow 2007, 2010Copyright John Maddock 2013Copyright John Maddock 2009(c) Copyright John Maddock 2005Copyright John Maddock 2011Copyright (c) 2006 John Maddock(c) Copyright John Maddock 2007Copyright Gautam Sewani 2008Copyright John Maddock 2005Copyright Paul A. Bristow 2010Copyright John Maddock 2007-8Copyright Paul A. Bristow 2009, 2011Copyright (c) Benjamin Sobotta 2012(c) Copyright Bruno Lalande 2008Copyright (c) 2012 Paul A. Bristow(c) Copyright Hubert Holin 2003-2005Copyright (c) 2011 Paul A. BristowCopyright (c) 2011 John MaddockCopyright Paul A. Bristow 2007, 2012Copyright Christopher Kormanyos 2013Copyright Paul A. Bristow 2013Copyright John Maddock 2006, 2007Copyright Paul A. Bristow 2007Copyright Paul A. Bristow 2007, 2009Copyright Paul A. Bristow 2007, 2009, 2010, 2012Copyright 2006 John MaddockCopyright Paul A. Bristow 2006(c) Copyright John Maddock 2010Copyright John Maddock 2010Copyright Paul Bristow 2007, 2011Copyright John Maddock 2006, 2011Copyright Xiaogang Zhang 2006Copyright Paul A. Bristow 2006-7Copyright John Maddock 2006-7Copyright 2002 H Lohninger, TU WeinCopyright Paul A. BristowCopyright Gautam SewaniCopyright ohn Maddock 2012Copyright Thijs van den Berg, 2008Copyright Paul A. Bristow 2008, 2009Copyright 2008 Gautam SewaniCopyright John Maddock 2008, 2012Copyright Paul A. Bristow 2012(c) Copyright John Maddock 2008Copyright 2011 Paul A. BristowCopyright (c) 2011 Paul A. Bristow To(c) Copyright Paul A. Bristow 2011Copyright 2006 Johan RadeCopyright 2011 Paul A. Bristow ToCopyright 2012 Paul A. BristowCopyright Paul Bristow 2006, 2007Copyright Paul Bristow 2007Copyright John Maddock 2006, 2012Copyright 2010 Paul A. BristowCopyright 2004-2005 by Enthought, Inc.Copyright (c) 2021-04-21 Stefan van der Walt https://github.com/stefanv/lloydCopyright 2002 Gary StrangmanCopyright 2002-2016 The SciPy DevelopersCopyright 2000 by Alan Genzcopyrighted by Enthought, Inc.copyrighted by Alan GenzCopyright 2004-2008 by Agner FogCopyright 2002-2014 by Agner FogCopyright 1997-2008 by Agner FogCopyright 2002-2008 by Agner FogCopyright 2004-2013 by Agner FogCopyright 2018 NicoCopyright 2016-2021 Matthew Brett, Isuru Fernando, Matti PicusCopyright (c) 2011-2014, The OpenBLAS ProjectCopyright (c) 1992-2013 The University of Tennessee and The University of Tennessee Research FoundationCopyright (c) 2000-2013 The University of California BerkeleyCopyright (c) 2006-2013 The University of Colorado DenverCopyright (c) 2002-2017 Free Software Foundation, Inc.Copyright (c) 2009 Free Software Foundation, Inc. <http://fsf.org/>Copyright (c) 2007 Free Software Foundation, Inc. <http://fsf.org/>

**License:** BSD 3-Clause License

Please see above

**Software:** send 0.18.0

**Copyright notice:**

Copyright (c) 2012 TJ HolowaychukCopyright (c) 2014-2022 Douglas Christopher Wilson

**License:** MIT License

Please see above

**Software:** serve-static 1.15.0

**Copyright notice:**

Copyright (c) 2010 Sencha Inc.Copyright (c) 2011 TJ HolowaychukCopyright (c) 2014-2016 Douglas Christopher WilsonCopyright (c) 2011 LearnBoost

**License:** MIT License

Please see above

**Software:** setimmediate 1.0.5

**Copyright notice:**

Copyright (c) 2012 Barnesandnoble.com, llc, Donavon West, and Domenic Denicola

**License:** MIT License

Please see above

**Software:** setprototypeof 1.2.0

**Copyright notice:**

Copyright (c) 2015, Wes Todd

**License:** ISC License

Please see above

**Software:** setuptools 67.4.0

**Copyright notice:**

Copyright Jason R. CoombsCopyright (c) Anderson BravalheriCopyright (c) 2012 Erik Rosecopyright 2014-2019 Donald Stufft and individual contributorsCopyright (c) Donald Stufft and individual contributorsCopyright (c) 2010-202x The platformdirsCopyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022 Python Software FoundationCopyright (c) 1995-2001 Corporation for National Research InitiativesCopyright (c) 1991 - 1995, Stichting Mathematisch Centrum Amsterdam, The NetherlandsCopyright 1995-2010 Mark AdlerCopyright 1995-2013 Mark AdlerCopyright 1995-2005 Mark Adler +3 CScs QkkbalCopyright 1995-2005 Mark AdlerCopyright (c) 2018 Luminoso Technologies, Inc.Copyright 2021 Taneli HukkinenCopyright (c) 2021 Taneli HukkinenCopyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014 Python Software FoundationCopyright (c) 2018, Michal Horejsek

**License:** MIT License

Please see above

**Software:** setuptools 68.0.0

**Copyright notice:**

Copyright 2021 Taneli HukkinenCopyright (c) Anderson Bravalheri

**License:** MIT License

Please see above

**Software:** SheetJS/js-xls v0.19.3

**Copyright notice:**

(c) 2013-present SheetJS http://sheetjs.comCopyright (c) 2012-present SheetJS LLC(c) 2014-present SheetJS http://sheetjs.com(c) SheetJS LLC https://sheetjs.com(c) 2022-present SheetJS TypeScriptCopyright (c) 2016-present SheetJSCopyright (c) 2014-present SheetJS(c) 2021-present SheetJS http://sheetjs.com import resolve from https://deno.land/std@0.171.0/path/mod.ts(c) 2019-present SheetJS https://sheetjs.comCopyright (c) 2019-present SheetJS LLC(c) 2015-present SheetJS and contributorsCopyright (c) 2013-present SheetJS LLCCopyright (c) 2011 TJ Holowaychuk <tj@vision-media.ca>(c) 2013 Tim Taubert <tim@timtaubert.de>(c) 2015 David Chambers(c) 2020-present SheetJS http://sheetjs.com(c) 2015 David Chambers and contributors

**License:** Apache License V2.0

Please see above

**Software:** Simple Logging Facade for Java (SLF4J) 1.7.36

**Copyright notice:**

Copyright (c) 2004-2017 http://www.qos.ch/'> QOS.chCopyright (c) 2004-2011 QOS.chCopyright (c) 2004-2022 QOS.ch SarlCopyright (c) 2004-2021 QOS.chCopyright (c) 2004-2022 QOS.chCopyright (c) 2015 Google Inc.Copyright (c) 2004-2016 QOS.chCopyright 1999-2005 The Apache Software FoundationCopyright (c) 2004-2017 QOS.chCopyright 2001-2004 The Apache Software FoundationCopyright (c) 2004-2013 QOS.chCopyright (c) 2004-2012 QOS.chCopyright (c) 1999-2006, QOS.chCopyright (c) 2004-2022 QOS.ch Sarl (Switzerland)Copyright (c) 2004-2005 QOS.chCopyright (c) 2004-2007 QOS.ch

**License:** MIT License

Please see above

**Software:** single-spa 5.9.4

**Copyright notice:**

Copyright (c) 2020 single-spa

**License:** MIT License

Please see above

**Software:** six 1.16.0

**Copyright notice:**

Copyright (c) 2010-2020 Benjamin Peterson

**License:** MIT License

Please see above

**Software:** smac3 v1.4.0

**Copyright notice:**

Copyright (c) 2015, automl All rights reservedCopyright (c) 2016-2018, Ml4AAD Group (http://www.ml4aad.org/) All rights reservedCopyright (c) 2016-2022 AutoML Group (http://www.automl.org/)

**License:** BSD 3-Clause License

Please see above

**Software:** snakeyaml 1.32

**Copyright notice:**

Copyright 2003-2010 Christian d'Heureuse, Inventec Informatik AG, Zurich, SwitzerlandCopyright (c) 2008, SnakeYAMLCopyright (c) 2008 Google Inc.Copyright 2007-present the original author or authors

**License:** Apache License V2.0

Please see above

**Software:** sortedcontainers 2.4.0

**Copyright notice:**

Copyright (c) 2014-2019 Grant Jenks

**License:** Apache License V2.0

Please see above

**Software:** source-map 0.6.1

**Copyright notice:**

Copyright (c) 2009-2011, Mozilla Foundation and contributorsAll rights reserved.

**License:** BSD 3-Clause License

Please see above

**Software:** source-map-js 1.0.2

**Copyright notice:**

Copyright (c) 2009-2011, Mozilla Foundation and contributorsCopyright 2009-2011 Mozilla Foundation and contributorsCopyright 2011 Mozilla Foundation and contributorsCopyright 2011 The Closure Compiler AuthorsCopyright 2014 Mozilla Foundation and contributorsCopyright 2012 Mozilla Foundation and contributors

**License:** BSD 3-Clause License

Please see above

**Software:** Spring Boot 2.7.18

**Copyright notice:**

Copyright 2015 the original author or authors.Copyright (C) 2010 The Android Open Source ProjectCopyright (c) 2000-2011 INRIA, France TelecomCopyright (c) 2002-2006, Marc Prud'hommeaux <mwp1@cornell.edu>Copyright (c) 2012 JÃ¶rn ZaeffererCopyright (c) 2012-2023 VMware, Inc.Copyright 2002-2020 the original author or authors.Copyright 2002-2021 the original author or authors.Copyright 2002-2022 the original author or authors.Copyright 2005, 2012 jQuery Foundation, Inc. and other contributors Released under the MIT licenseCopyright 2011, John Resig Dual licensed under the MIT or GPL Version 2 licenses.Copyright 2011, The Dojo Foundation Released under the MIT, BSD, and GPL Licenses.Copyright 2011-2018 The Bootstrap AuthorsCopyright 2011-2018 Twitter, Inc.Copyright 2012 Twitter, Inc Licensed under the Apache License v2.0Copyright 2012 jQuery Foundation and other contributors Released under the MIT licenseCopyright 2012-2013 the original author or authors.Copyright 2012-2017 the original author or authors.Copyright 2012-2019 the original author or authors.Copyright 2012-2020 the original author or authors.Copyright 2012-2021 the original author or authors.Copyright 2012-2022 the original author or authors.Copyright 2012-2023 the original author or authors.Copyright 2020-2021 the original author or authors.Copyright 2020-2022 the original author or authors.Copyright 2020-2023 the original author or authors.Copyright 2021-2022 the original author or authors.Copyright 2021-2023 the original author or authors.Copyright 2022-2023 the original author or authors.Copyright 2023-2023 the original author or authors.Copyright (c) 2015-2021 the original authors.

**License:** Apache License V2.0

Please see above

**Software:** Spring Data Commons 2.7.18

**Copyright notice:**

Copyright (c) 2010-2021 Pivotal Software, Inc.

**License:** Apache License V2.0

Please see above

**Software:** Spring Data JPA 2.7.18

**Copyright notice:**

(C) 2008-2022 The original authors.Copyright (c) [2011-2019] Pivotal Software, Inc.Copyright 2008-2023 the original author or authors.Copyright 2011-2023 the original author or authors.Copyright 2012-2023 the original author or authors.Copyright 2013-2023 the original author or authors.Copyright 2014-2023 the original author or authors.Copyright 2015-2023 the original author or authors.Copyright 2016-2023 the original author or authors.Copyright 2017-2023 the original author or authors.Copyright 2018-2023 the original author or authors.Copyright 2019-2023 the original author or authors.Copyright 2020-2023 the original author or authors.Copyright 2021-2023 the original author or authors.Copyright 2022-2023 the original author or authors.

**License:** Apache License V2.0

Please see above

**Software:** Spring Framework 5.3.34

**Copyright notice:**

Copyright 2002,2003,2004 The Apache Software FoundationPortions (c) International OrganizationCopyright (c) 1999-2009, OW2 Consortium <https://www.ow2.org/>Copyright (c) 2000-2011 INRIA, France Telecom All rights reservedCopyright 2006-2019 Joe Walnes, Henri Tremblay, Leonardo MesquitaCopyright 2003,2004 The Apache Software FoundationCopyright 2003 The Apache Software Foundation

**License:** Apache License V2.0

Please see above

**Software:** Spring Security 5.8.11

**Copyright notice:**

Copyright 2004, 2005, 2006, 2009 Acegi Technology Pty LimitedCopyright (c) 2006 Damien Miller <djm@mindrot.org>Copyright 2004, 2005, 2006, 2021 Acegi Technology Pty LimitedCopyright 2004 Acegi Technology Pty LimitedCopyright 2004, 2005, 2006, 2017 Acegi Technology Pty LimitedCopyright 2004, 2005, 2006, 2017, 2018 Acegi Technology Pty LimitedCopyright 2004, 2005, 2006 Acegi Technology Pty Limited

**License:** Apache License V2.0

Please see above

**Software:** SQLAlchemy 1.4.49

**Copyright notice:**

Copyright (c) Microsoft CorporationCopyright (C) 2005-2023 the SQLAlchemy authors and contributors <see AUTHORS file>Copyright (C) 2006-2023 the SQLAlchemy authors and contributors <see AUTHORS file>Copyright (C) 2009-2023 the SQLAlchemy authors and contributors <see AUTHORS file>Copyright (C) 2010 Gaetan de Menten gdementen@gmail.comCopyright (C) 2010-2011 Gaetan de Menten gdementen@gmail.comCopyright (C) 2010-2023 the SQLAlchemy authors and contributors <see AUTHORS file>Copyright (C) 2013-2023 the SQLAlchemy authors and contributors <see AUTHORS file>Copyright (C) 2020-2023 the SQLAlchemy authors and contributors <see AUTHORS file>Copyright (C) 2021 the SQLAlchemy authors and contributors <see AUTHORS file>Copyright (c) 2005-2023 Michael Bayer and contributors.Copyright 2005-2023 SQLAlchemy authors and contributors <see AUTHORS file>.copyright (C) 2007 Fisch Asset Management alexander.houben@thor-solutions.ch

**License:** MIT License

Please see above

**Software:** sqlparse 0.4.4

**Copyright notice:**

Copyright (c) 2016, Andi Albrecht <albrecht.andi@gmail.com>Copyright (c) 2023, Andi AlbrechtCopyright (c) 2009-2020 the sqlparse authors and contributors

**License:** BSD 3-Clause License

Please see above

**Software:** sse2neon 8ff6315f90c9f733a5f4a3b11793e8e106485c2b

**Copyright notice:**

No copyright notice found in source files of this software

**License:** MIT License

Please see above

**Software:** ssh2 1.15.0

**Copyright notice:**

Copyright Brian White. All rights reserved.

**License:** MIT License

Please see above

**Software:** ssh2-sftp-client 9.0.4

**Copyright notice:**

Copyright 2020 Tim Cross

**License:** Apache License V2.0

Please see above

**Software:** statuses 2.0.1

**Copyright notice:**

Copyright (c) 2014 Jonathan Ong <me@jongleberry.com>Copyright (c) 2016 Douglas Christopher Wilson <doug@somethingdoug.com>

**License:** MIT License

Please see above

**Software:** stomp-js/stompjs 7.0.0

**Copyright notice:**

Copyright 2018-2020 Deepak Kumar <deepak@kreatio.com>

**License:** Apache License V2.0

Please see above

**Software:** str4d/ed25519-java 0.3.0

**Copyright notice:**

No copyright notice found in source files of this software

**License:** Creative Commons Legal CodeCC0 1.0 Universal

Creative Commons Legal CodeCC0 1.0 Universal CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.Statement of PurposeThe laws of most jurisdictions throughout the world automatically conferexclusive Copyright and Related Rights (defined below) upon the creatorand subsequent owner(s) (each and all, an "owner") of an original work ofauthorship and/or a database (each, a "Work").Certain owners wish to permanently relinquish those rights to a Work forthe purpose of contributing to a commons of creative, cultural andscientific works ("Commons") that the public can reliably and without fearof later claims of infringement build upon, modify, incorporate in otherworks, reuse and redistribute as freely as possible in any form whatsoeverand for any purposes, including without limitation commercial purposes.These owners may contribute to the Commons to promote the ideal of a freeculture and the further production of creative, cultural and scientificworks, or to gain reputation or greater distribution for their Work inpart through the use and efforts of others.For these and/or other purposes and motivations, and without anyexpectation of additional consideration or compensation, the personassociating CC0 with a Work (the "Affirmer"), to the extent that he or sheis an owner of Copyright and Related Rights in the Work, voluntarilyelects to apply CC0 to the Work and publicly distribute the Work under itsterms, with knowledge of his or her Copyright and Related Rights in theWork and the meaning and intended legal effect of CC0 on those rights.1. Copyright and Related Rights. A Work made available under CC0 may beprotected by copyright and related or neighboring rights ("Copyright andRelated Rights"). Copyright and Related Rights include, but are notlimited to, the following: i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work; ii. moral rights retained by the original author(s) and/or performer(s);iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work; iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below; v. rights protecting the extraction, dissemination, use and reuse of data in a Work; vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); andvii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.2. Waiver. To the greatest extent permitted by, but not in contraventionof, applicable law, Affirmer hereby overtly, fully, permanently,irrevocably and unconditionally waives, abandons, and surrenders all ofAffirmer's Copyright and Related Rights and associated claims and causesof action, whether now known or unknown (including existing as well asfuture claims and causes of action), in the Work (i) in all territoriesworldwide, (ii) for the maximum duration provided by applicable law ortreaty (including future time extensions), (iii) in any current or futuremedium and for any number of copies, and (iv) for any purpose whatsoever,including without limitation commercial, advertising or promotionalpurposes (the "Waiver"). Affirmer makes the Waiver for the benefit of eachmember of the public at large and to the detriment of Affirmer's heirs andsuccessors, fully intending that such Waiver shall not be subject torevocation, rescission, cancellation, termination, or any other legal orequitable action to disrupt the quiet enjoyment of the Work by the publicas contemplated by Affirmer's express Statement of Purpose.3. Public License Fallback. Should any part of the Waiver for any reasonbe judged legally invalid or ineffective under applicable law, then theWaiver shall be preserved to the maximum extent permitted taking intoaccount Affirmer's express Statement of Purpose. In addition, to theextent the Waiver is so judged Affirmer hereby grants to each affectedperson a royalty-free, non transferable, non sublicensable, non exclusive,irrevocable and unconditional license to exercise Affirmer's Copyright andRelated Rights in the Work (i) in all territories worldwide, (ii) for themaximum duration provided by applicable law or treaty (including futuretime extensions), (iii) in any current or future medium and for any numberof copies, and (iv) for any purpose whatsoever, including withoutlimitation commercial, advertising or promotional purposes (the"License"). The License shall be deemed effective as of the date CC0 wasapplied by Affirmer to the Work. Should any part of the License for anyreason be judged legally invalid or ineffective under applicable law, suchpartial invalidity or ineffectiveness shall not invalidate the remainderof the License, and in such case Affirmer hereby affirms that he or shewill not (i) exercise any of his or her remaining Copyright and RelatedRights in the Work or (ii) assert any associated claims and causes ofaction with respect to the Work, in either case contrary to Affirmer'sexpress Statement of Purpose.4. Limitations and Disclaimers. a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document. b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law. c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work. d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

**Software:** streamroller 3.1.4

**Copyright notice:**

Copyright (c) 2013 Gareth Jones

**License:** MIT License

Please see above

**Software:** SVF 2.4

**Copyright notice:**

Copyright (C) <2013-2017> <Yulei Sui>Copyright (C) <2013-> <Yulei Sui>Copyright (C) <2013-2018> <Yulei Sui>Copyright 2008 Andrey PetrovCopyright (C) <2013-2017> <Yulei Sui and Jingling Xue>Copyright (C) <2017-> <Yulei Sui>Copyright 2014 GitHub Inc.Copyright (C) 2015 Yulei SuiCopyright (C) 2015 Jingling Xue

**License:** GPL V3.0

GNU GENERAL PUBLIC LICENSEVersion 3, 29 June 2007Copyright © 2007 Free Software Foundation, Inc. <http://fsf.org/>Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.PreambleThe GNU General Public License is a free, copyleft license for software and other kinds of works.The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.The precise terms and conditions for copying, distribution and modification follow.TERMS AND CONDITIONS0. Definitions.“This License” refers to version 3 of the GNU General Public License.“Copyright” also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.“The Program” refers to any copyrightable work licensed under this License. Each licensee is addressed as “you”. “Licensees” and “recipients” may be individuals or organizations.To “modify” a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a “modified version” of the earlier work or a work “based on” the earlier work.A “covered work” means either the unmodified Program or a work based on the Program.To “propagate” a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.To “convey” a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.An interactive user interface displays “Appropriate Legal Notices” to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.1. Source Code.The “source code” for a work means the preferred form of the work for making modifications to it. “Object code” means any non-source form of a work.A “Standard Interface” means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.The “System Libraries” of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A “Major Component”, in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.The “Corresponding Source” for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.The Corresponding Source for a work in source code form is that same work.2. Basic Permissions.All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.3. Protecting Users' Legal Rights From Anti-Circumvention Law.No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.4. Conveying Verbatim Copies.You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.5. Conveying Modified Source Versions.You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:•a) The work must carry prominent notices stating that you modified it, and giving a relevant date.•b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to “keep intact all notices”.•c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.•d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an “aggregate” if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.6. Conveying Non-Source Forms.You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:•a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.•b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.•c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.•d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.•e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.A “User Product” is either (1) a “consumer product”, which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, “normally used” refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.“Installation Information” for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.7. Additional Terms.“Additional permissions” are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:•a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or•b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or•c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or•d) Limiting the use for publicity purposes of names of licensors or authors of the material; or•e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or•f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.All other non-permissive additional terms are considered “further restrictions” within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.8. Termination.You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.9. Acceptance Not Required for Having Copies.You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.10. Automatic Licensing of Downstream Recipients.Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.An “entity transaction” is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.11. Patents.A “contributor” is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's “contributor version”.A contributor's “essential patent claims” are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, “control” includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.In the following three paragraphs, a “patent license” is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To “grant” such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. “Knowingly relying” means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.A patent license is “discriminatory” if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.12. No Surrender of Others' Freedom.If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.13. Use with the GNU Affero General Public License.Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.14. Revised Versions of this License.The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License “or any later version” applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.15. Disclaimer of Warranty.THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM “AS IS” WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.16. Limitation of Liability.IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.17. Interpretation of Sections 15 and 16.If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.END OF TERMS AND CONDITIONS

**Software:** sxzz/normalize-wheel-es 1.2.0

**Copyright notice:**

Copyright 2013-2015, Facebook, Inc.Copyright (c) 2015, Facebook, Inc.Copyright 2004-present Facebook

**License:** BSD 2-Clause License

Please see above

**Software:** SymPy 1.12

**Copyright notice:**

(C) Copyright 2000-2003 Symbolic Computation Laboratory, University of Western Ontario, London, Canada N6A 5B7.Copyright (C) 2001, 2002 Vasil YaroshevichCopyright (C) 2008 Jens Rasch <jyr2000@gmail.com>Copyright (c) 2006-2014 SymPy developersCopyright (c) 2006-2018 SymPy Development Team, 2013-2023 Sergey B KirpichevCopyright (c) 2006-2023 SymPy Development TeamCopyright (c) 2009-2023, PyDy AuthorsCopyright (c) 2014 Matthew RocklinCopyright 2016, latex2sympy

**License:** BSD 3-Clause License

Please see above

**License:** MIT License

Please see above

**Software:** tbb 2020.3

**Copyright notice:**

Copyright (c) 2005-2020 Intel CorporationCopyright (c) 2011, Google Inc.Copyright (c) 2005-2016 Lode VandevenneCopyright (c) 2016-2020 Intel CorporationCopyright (c) 2017-2020 Intel CorporationCopyright (c) 2019-2020 Intel CorporationCopyright (c) 2018-2020 Intel CorporationCopyright (c) 2020 Intel CorporationCopyright (c) 2008,2016 david decotigny (Pool of threads)Copyright (c) 2006-2008, R Oudkerk (multiprocessing.Pool)Copyright (c) 1994-2008 John E. StoneCopyright (C) 1996-2010 Julian Seward <jseward@bzip.org>copyright (C) 1996-2010 Julian R Seward. AllCopyright (c) 1996-2010 Julian R Seward.Copyright © 2005-2020 Intel Corporation. All Rights Reserved.

**License:** Apache License V2.0

Please see above

**Software:** The Legion of the Bouncy Castle 1.78.1

**Copyright notice:**

Copyright (c) 2014-2023 Ping Identity CorporationCopyright 2011, Cisco Systems, Inccopyright (c) 2007 Timothy Wall, All Rights ReservedCopyright (c) 2010 Timothy Wall, All Rights ReservedCopyright 2010-2023 Ping Identity Corporation All Rights ReservedCopyright (c) 2023 Ping Identity CorporationCopyright (c) 2013, 2019 OracleCopyright (c) 2013, 2018 OracleCopyright (c) 2001 CompanyCopyright 2012-2023 Ping Identity Corporation All Rights ReservedCopyright (c) 2017-2023 Ping Identity CorporationCopyright 2016 The gRPCCopyright 2008-2023 Ping Identity Corporation Bundle-Name UnboundID LDAPCopyright (c) 2011 Tim Buktu (tbuktu@hotmail.com)Copyright (c) 2009 Timothy Wall, All Rights ReservedCopyright (c) 2007-2008 Timothy Wall, All Rights ReservedCopyright (c) 2008 Timothy Wall, All Rights ReservedCopyright (c) 2005, 2019 OracleCopyright (c) 2005 The Legion Of The Bouncy Castle (https://www.bouncycastle.org)Copyright (c) 2012 Tobias Wolf, All Rights ReservedCopyright 2013-2023 Ping Identity CorporationCopyright (c) 2011 Timothy Wall, All Rights ReservedCopyright (c) 1997-2011 OracleCopyright 2008 Google Inc. All rights reservedCopyright (c) 2013, 2021 OracleCopyright (c) 1997-2013 OracleCopyright 2008-2023 Ping Identity Corporation All Rights ReservedCopyright 2016 The Netty ProjectCopyright (c) 2010 OracleCopyright (c) 2013, 2019 Jason Mehrens. All rights reservedCopyright (c) 2011-2023 Ping Identity CorporationCopyright 2009-2023 Ping Identity CorporationCopyright 2010 Digital Rapids Corp.Copyright (c) 2007 Wayne Meissner, All Rights ReservedCopyright 2014-2023 Ping Identity CorporationCopyright (c) 2021 OracleCopyright (c) 2009, 2019 OracleCopyright (c) 2012 OracleCopyright (c) 2007-2023 Ping Identity CorporationCopyright (c) 2007, 2013 Timothy Wall, Markus Karg, All Rights ReservedCopyright (c) 2011 Daniel Doubrovkine, All Rights ReservedCopyright (c) 2018 OracleCopyright (c) 2009, 2020 OracleCopyright (c) 2016 Minoru Sakamoto, All Rights ReservedCopyright (c) 2015, 2018 Jason Mehrens. All rights reservedCopyright (c) 2018-2023 Ping Identity CorporationCopyright (c) 2014 Reinhard Pointner, All Rights ReservedCopyright 2019-2023 Ping Identity CorporationCopyright (c) 2007 Olivier Chafik, All Rights ReservedCopyright (c) 2013-2023 Ping Identity CorporationCopyright (c) 2013, 2018 Jason Mehrens. All rights reservedCopyright 2007-2023 Ping Identity CorporationCopyright 2018 The gRPCCopyright (c) 2009, 2019 Jason Mehrens. All rights reservedCopyright 2016-2023 Ping Identity CorporationCopyright (c) 2007 Olivier ChafikCopyright 2022-2023 Ping Identity Corporation All Rights ReservedCopyright (c) 2016-2023 Ping Identity CorporationCopyright (c) 1997, 2019 OracleCopyright (c) 2012, 2020 OracleCopyright (c) 2014, 2020 OracleCopyright (c) 1997-2010 OracleCopyright 2017-2023 Ping Identity CorporationCopyright 2007 Timothy WallCopyright (c) 2005-2010 OracleCopyright (c) 2010, 2020 OracleCopyright (c) 1995-1998 Eric Young (eay@cryptsoft.com) All rights reservedCopyright (c) 2015-2023 Ping Identity CorporationCopyright (c) 2009-2010 OracleCopyright 2016-2023 Ping Identity Corporation All Rights ReservedCopyright (c) 2010 Timothy WallCopyright (c) 2011 Denis TulskiyCopyright 2015 The Chromium Authors. All rights reservedCopyright 2019 The Netty ProjectCopyright (c) 2019 OracleCopyright 2018-2023 Ping Identity CorporationCopyright (c) 2015 Daniel WiddisCopyright (c) 2007-2013 Timothy Wall, All Rights ReservedCopyright (c) 2015 Adam Marcionek, All Rights ReservedCopyright 2011-2023 Ping Identity Corporation All Rights ReservedCopyright 2015-2023 Ping Identity CorporationCopyright (c) 2009-2012 Jason Mehrens. All rights reservedCopyright (c) 2009, 2020 Jason Mehrens. All rights reservedCopyright (c) 2013 Ralf Hamberger, Markus Karg, All Rights ReservedCopyright 2009-2023 Ping Identity Corporation All Rights ReservedCopyright (c) 1989, 1991 Free Software Foundation, Inc.Copyright 2012-2023 Ping Identity CorporationCopyright 2023 Ping Identity Corporation All Rights ReservedCopyright (c) 2015, 2019 OracleCopyright (c) 2010-2011 OracleCopyright 2013-2023 Ping Identity Corporation All Rights ReservedCopyright (c) 2007-2012 Timothy Wall, All Rights ReservedCopyright (c) 2010, 2013 Daniel Doubrovkine, Markus Karg, All Rights ReservedCopyright 2015-2023 Ping Identity Corporation All Rights ReservedCopyright 2008-2023 Ping Identity CorporationCopyright (c) 2012-2023 Ping Identity CorporationCopyright 2023 Ping Identity CorporationCopyright (c) 1997, 2021 OracleCopyright (c) 2019-2023 Ping Identity CorporationCopyright (c) 1997, 2018 OracleCopyright 2017-2023 Ping Identity Corporation All Rights ReservedCopyright (c) 2007 Timothy WallCopyright (c) 2008-2023 Ping Identity CorporationCopyright (c) 1998-2011 The OpenSSL Project. All rights reservedCopyright (c) 2015 Michael Freeman, All Rights ReservedCopyright 1999-2017 The Apache Software FoundationCopyright (c) 2009, 2018 Jason Mehrens. All rights reservedCopyright (c) 2010,2011 Daniel Doubrovkine, All Rights ReservedCopyright 2011-2023 Ping Identity CorporationCopyright (c) 2009-2023 Ping Identity CorporationCopyright (c) 2010, 2019 OracleCopyright (c) 2009-2012 OracleCopyright 2019-2023 Ping Identity Corporation All Rights ReservedCopyright (c) 2014 Dr David H. Akehurst (itemis), All Rights ReservedCopyright 1997-2007 Sun Microsystems, Inc. All rights reservedCopyright 2020-2023 Ping Identity Corporation All Rights ReservedCopyright 2015 The gRPCCopyright (c) 2010, 2018 OracleCopyright 2018-2023 Ping Identity Corporation All Rights ReservedCopyright (c) 2010-2023 Ping Identity CorporationCopyright (c) 1998-2019 The OpenSSL Project. All rights reservedCopyright (c) 2009-2010 Jason Mehrens. All rights reservedCopyright (c) 2012 Timothy Wall, All Rights ReservedCopyright (c) 2007 Timothy Wall, All Rights ReservedCopyright (c) 2009 The Go Authors. All rights reservedCopyright 2021-2023 Ping Identity Corporation All Rights ReservedCopyright (c) 2014, 2019 OracleCopyright (c) 2015, Google Inc.Copyright 2020-2023 Ping Identity CorporationCopyright (c) 2000-2023 The Legion Of The Bouncy Castle Inc. (https://www.bouncycastle.org)Copyright (c) 2022-2023 Ping Identity CorporationCopyright (c) 2010 Daniel Doubrovkine, All Rights ReservedCopyright (c) 2021-2023 Ping Identity CorporationCopyright (c) 2010 EugineLev, All Rights ReservedCopyright 2014-2023 Ping Identity Corporation All Rights ReservedCopyright (c) 1991, 1999 Free Software Foundation, Inc.Copyright (c) 1997, 2020 OracleCopyright (c) 1997-2012 OracleCopyright 2021-2023 Ping Identity CorporationCopyright (c) 2016 Adam Marcionek, All Rights ReservedCopyright (c) 2013 Tobias Wolf, All Rights ReservedCopyright (c) 2015 Andreas PAX L u00FCck, All Rights ReservedCopyright (c) 2007-2015 Timothy Wall, All Rights ReservedCopyright 2010-2023 Ping Identity CorporationCopyright (c) 2020-2023 Ping Identity CorporationCopyright 2014 Martin SteigerCopyright (c) 2005-2012 OracleCopyright (c) 2011 Timothy WallCopyright 2022-2023 Ping Identity CorporationCopyright (c) 2020 OracleCopyright (c) 2015 Goldstein Lyor, All Rights ReservedCopyright (c) 2008, 2018 OracleCopyright (c) 2008-2012 OracleCopyright 2007-2023 Ping Identity Corporation All Rights Reserved

**License:** Bouncy Castle License

LICENSECopyright (c) 2000 - 2021 The Legion of the Bouncy Castle Inc. (https://www.bouncycastle.org)Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

**Software:** The Netwide Assembler - nasm sources (2.15rc0)21eb595319746a669a742d210eaa413c728e7fad

**Copyright notice:**

Copyright 2018 The Chromium Authors. All rights reserved.Copyright 2016 The NASM Authors - All Rights ReservedCopyright 1996-2018 The NASM Authors - All Rights ReservedCopyright 1996-2017 The NASM Authors - All Rights ReservedCopyright 1996-2009 The NASM Authors - All Rights ReservedCopyright 1996-2016 The NASM Authors - All Rights ReservedCopyright 2016-2017 The NASM Authors - All Rights ReservedCopyright 1996-2014 The NASM Authors - All Rights ReservedCopyright 1996-2013 The NASM Authors - All Rights ReservedCopyright 1996-2011 The NASM Authors - All Rights ReservedCopyright 1996-2010 The NASM Authors - All Rights ReservedCopyright 2017 The NASM Authors - All Rights ReservedCopyright 2007-2017 The NASM Authors - All Rights ReservedCopyright 1996-2010 the NASM Authors - All rights reserved.Copyright 1996-2012 The NASM Authors - All Rights ReservedCopyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com>

**License:** BSD 2-Clause License

Please see above

**Software:** threadpoolctl 3.2.0

**Copyright notice:**

(Copyright (c) 2017, Intel Corporation)Copyright (c) 2019, threadpoolctl contributors

**License:** BSD 3-Clause License

Please see above

**Software:** tim-kos/node-retry 0.12.0

**Copyright notice:**

Copyright (c) 2011 Tim Koschutzki (tim@debuggable.com) Felix Geisendorfer (felix@debuggable.com)

**License:** MIT License

Please see above

**Software:** TinyColor v3.6.1

**Copyright notice:**

Copyright (c) Scott Cooper <scttcper@gmail.com>

**License:** MIT License

Please see above

**Software:** to-fast-properties 2.0.0

**Copyright notice:**

Copyright (c) Petka AntonovCopyright (c) Benjamin GruenbaumCopyright (c) John-David DaltonCopyright (c) Sindre Sorhus

**License:** MIT License

Please see above

**Software:** to-regex-range 5.0.1

**Copyright notice:**

Copyright (c) 2015-present, Jon SchlinkertCopyright (c) 2019, Jon Schlinkert

**License:** MIT License

Please see above

**Software:** toidentifier 1.0.1

**Copyright notice:**

Copyright (c) 2016 Douglas Christopher WilsonCopyright (c) 2016 Douglas Christopher Wilson <doug@somethingdoug.com>

**License:** MIT License

Please see above

**Software:** toolz 0.12.0

**Copyright notice:**

Copyright (c) 2013 Matthew Rocklin

**License:** BSD 3-Clause License

Please see above

**Software:** Tornado 6.3.2

**Copyright notice:**

Copyright 2009 FacebookCopyright 2009 FriendFeedCopyright 2012 FacebookCopyright 2014 FacebookCopyright 2015 The Tornado AuthorsCopyright 2011 Facebook

**License:** Apache License V2.0

Please see above

**Software:** tslib 2.4.0

**Copyright notice:**

Copyright (c) Microsoft Corporation

**License:** BSD 0-Clause License

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted.THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

**Software:** tslib 2.5.3

**Copyright notice:**

Copyright (c) Microsoft Corporation

**License:** BSD Zero Clause License

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted.THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

**Software:** tslib 2.3.0

**Copyright notice:**

Copyright (c) Microsoft Corporation

**License:** BSD Zero Clause License

Please see above

**Software:** tweetnacl-js 0.14.5

**Copyright notice:**

No copyright notice found in source files of this software

**License:** Unlicense

Please see above

**Software:** type-is 1.6.18

**Copyright notice:**

Copyright(c) 2014-2015 Douglas Christopher Wilson MIT LicensedCopyright (c) 2014 Jonathan Ong <me@jongleberry.com>Copyright(c) 2014 Jonathan OngCopyright (c) 2014-2015 Douglas Christopher Wilson <doug@somethingdoug.com>

**License:** MIT License

Please see above

**Software:** TypedArray 0.0.6

**Copyright notice:**

Copyright (c) 2010, Linden Research, Inc.Copyright (c) 2012, Joshua Bell

**License:** MIT License

Please see above

**Software:** TypeScript 4.9.5

**Copyright notice:**

Copyright (c) YEAR W3C(r) (MIT, ERCIM, Keio, Beihang). DisclaimersCopyright (c) 2018 The Khronos Group Inc.Copyright (c) 1991-2017 Unicode, Inc. All rights reservedCopyright (c) Microsoft Corporation. All rights reserved(c) Hello WorldCopyright (c) OpenStreetMap contributors 2010(c) by W3CCopyright 2015 MyCompany Inc.Copyright (c) 2018 WHATWGCopyright (c) Microsoft. All rights reservedCopyright (c) 2012 Ecma International. All rights reserved

**License:** Apache License V2.0

Please see above

**Software:** typing-extensions 4.7.1

**Copyright notice:**

Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023 Python Software Foundation All Rights ReservedCopyright (c) 1995-2001 Corporation for National Research Initiatives All Rights ReservedCopyright (c) 1991 - 1995, Stichting Mathematisch Centrum Amsterdam, The Netherlands. All rights reserved

**License:** Python Software Foundation License V2

Please see above

**Software:** universalify 0.1.2

**Copyright notice:**

Copyright (c) 2017, Ryan Zimmerman <opensrc@ryanzim.com>

**License:** MIT License

Please see above

**Software:** unpipe 1.0.0

**Copyright notice:**

Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>Copyright(c) 2015 Douglas Christopher Wilson MIT Licensed

**License:** MIT License

Please see above

**Software:** urllib3 2.0.7

**Copyright notice:**

Copyright (c) 2012 Senko Rasic <senko.rasic@dobarkod.hr>Copyright (c) 2008-2020 Andrey Petrov and contributorsCopyright (c) 2015-2016 Will Bond <will@wbond.net>

**License:** MIT License

Please see above

**Software:** util-deprecate 1.0.2

**Copyright notice:**

Copyright (c) 2014 Nathan Rajlich <nathan@tootallnate.net>

**License:** MIT License

Please see above

**Software:** utils-merge 1.0.1

**Copyright notice:**

Copyright (c) 2013-2017 Jared HansonCopyright (c) 2013-2017 Jared Hanson < http://jaredhanson.net/ (http://jaredhanson.net/)>

**License:** MIT License

Please see above

**Software:** vary 1.1.2

**Copyright notice:**

Copyright (c) 2014-2017 Douglas Christopher Wilson

**License:** MIT License

Please see above

**Software:** visionmedia/bytes.js 3.1.2

**Copyright notice:**

Copyright (c) 2012-2014 TJ HolowaychukCopyright (c) 2015 Jed Watson <jed.watson@me.com>Copyright (c) 2015 Jed WatsonCopyright (c) 2012-2014 TJ Holowaychuk <tj@vision-media.ca>

**License:** MIT License

Please see above

**Software:** vue 3.3.4

**Copyright notice:**

Copyright (c) 2018-present, Yuxi (Evan) YouCopyright (c) 2013-present, Yuxi (Evan) You

**License:** MIT License

Please see above

**Software:** vue-demi 0.14.6

**Copyright notice:**

Copyright (c) 2020-present, Anthony Fu(c) 2020 Anthony Fu (https://github.com/antfu)

**License:** MIT License

Please see above

**Software:** vue-devtools 6.5.0

**Copyright notice:**

Copyright (c) 2014-present Evan YouCopyright © 2014-present Evan You, Guillaume Chau

**License:** MIT License

Please see above

**Software:** vue-i18n 9.2.2

**Copyright notice:**

Copyright (c) 2016 kazuya kawaguchiCopyright (c) 2020 kazuya kawaguchiCopyright (c) 2015-present kazuya kawaguchiCopyright (c) 2021 kazuya kawaguchi

**License:** MIT License

Please see above

**Software:** vue-router 4.2.4

**Copyright notice:**

Copyright (c) 2019-present Eduardo San Martin MoroteCopyright © 2014-present Evan You, Eduardo San Martin Morote

**License:** MIT License

Please see above

**Software:** vueuse 9.13.0

**Copyright notice:**

Copyright (c) 2019-PRESENT Anthony Fu <https://github.com/antfu>(c) 2021-PRESENT Archer Gu (https://github.com/ArcherGu)Copyright (c) 2020-PRESENT Anthony Fu and VueUse(c) 2021-PRESENT Anthony Fu (https://github.com/antfu)(c) 2021-PRESENT Jacob Clevenger (https://github.com/wheatjs)(c) 2019-PRESENT Anthony Fu (https://github.com/antfu)

**License:** MIT License

Please see above

**Software:** xed 11.0.1

**Copyright notice:**

Copyright (c) 2019 Intel CorporationCopyright (c) 2002-2016 Intel Corporation. All Rights Reserved.Copyright (c) 2018 Intel Corporation

**License:** Apache License V2.0

Please see above

**Software:** yasm 1.3.0

**Copyright notice:**

Copyright (C) 2001-2007 Peter JohnsonCopyright (C) 2003-2007 Peter JohnsonCopyright (C) 2001-2007 Peter JohnsonCopyright (C) 2005-2007 Peter JohnsonCopyright (C) 2006-2007 Peter JohnsonCopyright (C) 2001-2007 Michael Urman, Peter JohnsonCopyright (C) 2006-2007 Peter JohnsonCopyright (c) 1992, 1993Copyright (C) 2004-2007 Peter JohnsonCopyright (C) 2002-2007 Peter JohnsonCopyright (c) 1991, 1993See md5.c for explanation and copyright information.copyright in any changes I have made; this code remains in thepublic domain. /Copyright (c) 1988, 1993Copyright (c) 1987, 1993Copyright (C) 2005-2007 Peter JohnsonCopyright (c) 1990, 1993Copyright (C) 2001-2007 Peter JohnsonCopyright (C) 2002-2007 Peter JohnsonCopyright (C) 2003-2007 Peter JohnsonCopyright (C) 2004-2007 Peter JohnsonCopyright (C) 2002-2007 Peter JohnsonCopyright (C) 2007 Peter JohnsonCopyright (C) 2001-2007 Peter JohnsonCopyright (C) 2003-2007 Michael UrmanCopyright (C) 2004-2007 Michael UrmanCopyright (C) 2012 Michael Urman and H.J. LuCopyright (C) 2004-2007 Peter JohnsonCopyright (C) 2002-2007 Peter JohnsonCopyright (C) 2007 Henryk Richter, built upon xdf objfmt (C) Peter JohnsonCopyright (C) 2006-2007 Peter JohnsonCopyright (C) 2010 Alexei SvitkineCopyright (C) 2005-2007 Peter JohnsonCopyright (C) 2001-2007 Peter JohnsonCopyright (C) 2002-2007 Peter JohnsonCopyright (C) 2001-2007 Peter Johnson, Michael UrmanCopyright (C) 2003-2007 Michael UrmanCopyright (C) 2002-2007 Peter JohnsonCopyright (C) 2006-2007 Peter JohnsonCopyright (C) 2009 Alexei SvitkineCopyright (C) 2002-2007 Peter JohnsonCopyright (C) 2006-2007 Peter JohnsonCopyright (C) 2001-2007 Peter JohnsonCopyright (C) 2007 Paul BarkerCopyright (C) 2001-2007 Peter JohnsonCopyright (C) 2001 Michael UrmanCopyright (C) 2001-2007 Peter JohnsonCopyright (C) 2004-2007 Peter JohnsonCopyright (c) 2001 Stanislav Karchebny <berk@madfire.net>Copyright (C) 2001-2007 Peter JohnsonCopyright (C) 2008 Peter JohnsonCopyright (C) 2006-2007 Peter JohnsonCopyright (C) 2001-2007 Peter JohnsonCopyright (c) 2001 Stanislav Karchebny <berk@madfire.net>Copyright (C) 2001-2008 Peter JohnsonCopyright (C) 2007-2008 Samuel ThibaultCopyright (C) 2003-2007 Peter JohnsonCopyright (c) 2011 Peter JohnsonCopyright (c) 2006, 2007, Alexander Neundorf, <neundorf@kde.org>Copyright (c) 2006, 2007, Laurent Montel, <montel@kde.org>Copyright (c) 2007 Matthias Kretz <kretz@kde.org>Changes for Yasm Copyright (c) 2007 Peter JohnsonCopyright (C) 2006-2007 Peter Johnson(c) 2002, 2003, 2004, 2005 Simon Burton <simon@arrowtheory.com>Copyright (C) 2006 Peter JohnsonCopyright (C) 2006 Michael Urman, Peter JohnsonCopyright (C) 2004-2007 Peter JohnsonCopyright (C) 2009 Peter JohnsonCopyright (C) 2004-2008 Peter Johnson(c) Bob Jenkins, September 1996, December 1999(c) Bob Jenkins, September 1996Copyright (C) 2006-2007 Peter Johnson

**License:** BSD 2-Clause License

Please see above

**Software:** Z3 4.8.8

**Copyright notice:**

Copyright (c) Microsoft Corporation, Arie Gurfinkel 2017Copyright (c) 2015 Microsoft CorporationCopyright (c) 2019 Microsoft Corporation and Arie GurfinkelCopyright (c) 2017 Microsoft Corporation and Matteo MarescottiCopyright (c) Microsoft Corporation. All Rights ReservedCopyright (c) 2019 Microsoft CorporationCopyright (c) Arie GurfinkelCopyright (c) 2020 Microsoft CorporationCopyright (c) 2010 Microsoft Corporation and Arie GurfinkelCopyright (c) 2007 Microsoft CorporationCopyright (c) 2017 Microsoft Corporation and Arie GurfinkelCopyright (c) 2006 Microsoft Corporation and Arie GurfinkelCopyright (c) 2006 Microsoft CorporationCopyright (c) 2012-2014 Microsoft CorporationCopyright (c) 2014 Microsoft CorporationCopyright (c) 2017 Arie GurfinkelCopyright (c) 2018 Arie Gurfinkel and Microsoft CorporationCopyright (c) 2018 Arie GurfinkelCopyright (c) Microsoft Corporation All rights reservedCopyright Microsoft Research 2016Copyright (c) 2018 Microsoft CorporationCopyright (c) 2006-2019 Microsoft CorporationCopyright (c) 2006-2015 Microsoft CorporationCopyright (c) Microsoft Corporation 2015Copyright (c) 2012-2015 Microsoft CorporationCopyright (c) 2009 Microsoft CorporationCopyright (c) 2013 Microsoft CorporationCopyright (c) 2017-2018 Saint-Petersburg State UniversityCopyright (c) 2012-2016 Microsoft CorporationCopyright (c) 2015 Microsoft Corporation ScriptCopyright (c) 2017 Microsoft Corporation, Simon CruanesCopyright (c) 2017 Microsoft CorporationCopyright (c) 2010 Microsoft CorporationCopyright (c) 2012 Microsoft CorporationCopyright (c) 1984, 1989-1990, 2000-2006, 2009-2010 Free Software Foundation, Inc.Copyright Microsoft Corporation 2019Copyright (c) 2008 Microsoft CorporationCopyright (c) 2016 Microsoft CorporationCopyright (c) 2011 Microsoft CorporationCopyright (c) 2018 Microsoft Corporation, Simon Cruanes

**License:** MIT License

Please see above

**Software:** zict 3.0.0

**Copyright notice:**

Copyright (c) 2016 Matthew Rocklin

**License:** BSD 3-Clause License

Please see above

**Software:** zipp 3.16.2

**Copyright notice:**

No copyright notice found in source files of this software

**License:** MIT License

Please see above

**Software:** zlib 1.2.13

**Copyright notice:**

Copyright 1995-2022 Jean-loup Gailly and Mark AdlerCopyright 1995-2022 Mark AdlerCopyright 1995-2022 Mark AdlerCopyright 1998-2004 Gilles Vollant - http:www.winimage.com/zLibDllCopyright (C) 2003, 2012 Mark AdlerCopyright (C) 2002-2004 Dmitriy AnisimkovCopyright (C) 2002-2003 Dmitriy AnisimkovCopyright (C) 2002-2004 Dmitriy AnisimkovCopyright (C) 1995-2010 Jean-loup Gailly, Brian Raiter and Gilles Vollant.Copyright (c) 2004, 2005 by Mark AdlerCopyright (C) 1995-1998 Jean-loup Gailly.Copyright (C) 1995-2003 Jean-loup Gailly and Mark Adler.Copyright (C) 1995-2003 Jean-loup Gailly.Copyright (C) 1995-2003 Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1995-2003 by Jean-loup Gailly.Copyright (C) 1995-2003, 2010 Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1995-2005, 2010 Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1995-2006, 2010, 2011, 2016 Jean-loup Gailly For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1995-2006, 2011, 2016 Jean-loup Gailly For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1995-2008 Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1995-2011, 2016 Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1995-2016 Jean-loup Gailly, Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1995-2017 Jean-loup Gailly For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1995-2017 Jean-loup Gailly, Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1995-2017 Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1995-2018 Jean-loup Gailly For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1995-2019 Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1995-2021 Jean-loup Gailly detectdatatype() function provided freely by Cosmin Truta, 2006 For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1995-2022 Jean-loup Gailly and Mark AdlerCopyright (C) 1995-2022 Jean-loup Gailly and Mark Adler .LP This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.Copyright (C) 1995-2022 Jean-loup Gailly and Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1995-2022 Jean-loup Gailly, Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1995-2022 Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 1998 - 2010 Gilles Vollant, Even Rouault, Mathias SvenssonCopyright (C) 1998 by Andreas R. KleinertCopyright (C) 1998 by Bob Dellaca.Copyright (C) 1998 by Jacques Nomssi Nzali.Copyright (C) 1998,1999,2000 by Jacques Nomssi Nzali.Copyright (C) 1998-2005 Gilles VollantCopyright (C) 1998-2010 Gilles Vollant (minizip) ( http:www.winimage.com/zLibDll/minizip.html )Copyright (C) 2002-2013 Mark Adler For conditions of distribution and use, see copyright notice in puff.h version 2.3, 21 Jan 2013Copyright (C) 2002-2013 Mark Adler, all rights reserved version 2.3, 21 Jan 2013Copyright (C) 2003 Cosmin Truta.Copyright (C) 2003 Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 2003 by Cosmin Truta.Copyright (C) 2003, 2005, 2008, 2010, 2012 Mark Adler For conditions of distribution and use, see copyright notice in zlib.h Version 1.7 12 August 2012 Mark Adler /Copyright (C) 2003, 2012 Mark Adler, all rights reserved version 1.2, 11 Oct 2012Copyright (C) 2003, 2012, 2013 Mark Adler For conditions of distribution and use, see copyright notice in blast.h version 1.3, 24 Aug 2013Copyright (C) 2003, 2012, 2013 Mark Adler version 1.3, 24 Aug 2013Copyright (C) 2004, 2005, 2012 Mark Adler, all rights reserved version 1.2, 14 Aug 2012Copyright (C) 2004, 2008, 2012 Mark Adler, all rights reserved version 2.2, 14 Aug 2012Copyright (C) 2004, 2008, 2012, 2016, 2019 Mark Adler, all rights reserved For conditions of distribution and use, see copyright notice in gzlog.h version 2.3, 25 May 2019Copyright (C) 2004, 2010 Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 2004-2017 Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 2004-2019 Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 2005, 2012, 2018 Mark Adler For conditions of distribution and use, see copyright notice in zlib.h Version 1.2 14 Oct 2018 Mark Adler /Copyright (C) 2007, 2008, 2012, 2018 Mark Adler Version 1.5 5 August 2018 Mark AdlerCopyright (C) 2007-2008 Even RouaultCopyright (C) 2009-2010 Mathias Svensson ( http:result42.com )Copyright (C) 2011, 2016 Mark Adler For conditions of distribution and use, see copyright notice in zlib.hCopyright (C) 2018 Mark Adler For conditions of distribution and use, see copyright notice in zlib.h Version 1.0 7 Oct 2018 Mark Adler /Copyright (c) 1990-2000 Info-ZIP.Copyright (c) 1996 L. Peter DeutschCopyright (c) 1996 L. Peter Deutsch and Jean-Loup GaillyCopyright (c) 1997 Christian Michelsen Research AS Advanced Computing Fantoftvegen 38, 5036 BERGEN, NorwayCopyright (c) 2004, 2005 Mark Adler.Copyright (c) Henrik Ravn 2004Copyright (c) 1998-2010 - by Gilles Vollant - version 1.1 64 bits from Mathias SvenssonCopyright (c) 1997,99 Borland Corporation

**License:** zlib/libpng License

Please see above

**Software:** zrender 5.4.4

**Copyright notice:**

Copyright (c) Microsoft Corporation. All rights reservedCopyright (c) 2013, Baidu Inc. All rights reserved(c) 2010-2013 Thomas FuchsCopyright (c) 2017, Baidu Inc. All rights reservedCopyright 2017 Mike Bostock

**License:** BSD 3-Clause License

Please see above

**Written Offer**

This product contains software whose rights holders license it on the terms of the GNU General Public License, version 2 (GPLv2) and/or other open source software licenses. We will provide you and any third party with the source code of the software licensed under an open source software license if you send us a written request by mail or email to the following addresses:

foss@huawei.com

detailing the name of the product and the firmware version for which you need the source code and indicating how we can contact you.

Please note you need to make a payment before you obtain the complete Corresponding Source Code from us. For how much you will pay and how we will deliver the complete Corresponding Source Code to you, we will further discuss it by mail or email.

This offer is valid to anyone in receipt of this information.

**THIS OFFER IS VALID FOR THREE YEARS FROM THE MOMENT WE DISTRIBUTED THE PRODUCT OR FIRMWARE.**