**OPEN SOURCE SOFTWARE NOTICE**

The open source software notice for the open source software used in this openEuler distribution (“openEuler distribution”) is provided in this document. The open source software licenses are granted by the respective right holders. With regard to the respective open source software contained in the openEuler distribution, the applicable open source software license will prevail all other license agreement, including but not limited to the openEuler Software License, in case of any conflicts.

**Warranty Disclaimer**

**THE OPEN SOURCE SOFTWARE IN THIS OPENEULER DISTRIBUTION IS PROVIDED ON AN "AS IS" BASIS, WITHOUT ANY WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.  
See the applicable licenses for more details.**

**Copyright Notice and License Texts**

**Software:** passenger 6.0.27

**Copyright notice:**

Copyright Vicente J. Botet Escriba 2009-2011  
Copyright (c) 2014, 2020, 2022 Andrey Semashev  
Copyright (c) John Maddock 2007.  
Copyright Beman Dawes 2006  
Copyright Charly Chevalier 2015  
Copyright (c) Andrey Semashev 2017  
Copyright (c) David Abrahams 2002.  
Copyright 2002, 2009 Peter Dimov  
Copyright Kostas Savvidis 2008-2019  
Copyright (c) 2002 Jens Maurer  
Copyright (c) Ion Gaztanaga 2015-2016.  
Copyright 2004-2006 Peter Dimov  
Copyright (c) David Abrahams 2001 - 2002.  
Copyright 2011-2014 Twitter, Inc.  
Copyright (c) 2011 Vicente J. Botet Escriba  
Copyright (c) Greg Colvin and Beman Dawes 1998, 1999.  
Copyright Jaap Suter 2003  
Copyright (c) 2001-2003 John Maddock  
Copyright 2020 Peter Dimov Distributed under the Boost Software License, Version 1.0  
Copyright Rene Rivera 2015 Distributed under the Boost Software License, Version 1.0.  
Copyright 2022-2024 Joaquin M Lopez Munoz.  
Copyright (c) Rani Sharoni 2003-2005.  
Copyright Peter Dimov 2001  
Copyright (c) 2003-2005 John Maddock  
Copyright (c) 2024-2025 Asynchronous B.V.  
Copyright Aleksey Gurtovoy 2001-2007  
Copyright 2001, 2003, 2004, 2012 Daryle Walker. Use, modification, and distribution are subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or a copy at <http:www.boost.orgLICENSE10.txt>.)  
Copyright (c) David Abrahams Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000-2002.  
Copyright David Abrahams 2005.  
Copyright Andrey Semashev 2020.  
Copyright (c) 2003 Eric Friedman  
Copyright (c) 2008, 2011 Peter Dimov  
Copyright (c) sindre sorhus <sindresorhus@gmail.com> (sindresorhus.com)  
Copyright (c) 2013-2014 Ion Gaztanaga  
Copyright 2014 Peter Dimov  
Copyright Justinas Vygintas Daugmaudis 2010-2018 Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at  
Copyright (c) Ion Gaztanaga 2017-2017.  
Copyright (c) Beman Dawes 2002 - 2003.  
Copyright (c) Paul Mensonides 2012.  
Copyright (c) 2001, 2002 Peter Dimov  
Copyright Neil Groves 2014.  
Copyright (c) 2011-2025 Asynchronous B.V.  
Copyright (c) Ion Gaztanaga 2017-2018. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2007-2010 Anthony Williams  
Copyright 2020-2022 Glen Joseph Fernandes (glenjofe@gmail.com)  
Copyright (c) 2011 Helge Bahmann  
Copyright (c) Edward Diener 2013.  
Copyright (c) 2014 Vicente J. Botet Escriba  
Copyright Andrey Semashev 2022.  
Copyright (c) 2006-2013 Emil Dotchevski and Reverge Studios, Inc.  
Copyright 2007 Alexandre Courpron  
Copyright Jens Maurer 2002  
Copyright Daniel Wallin 2005.  
Copyright (c) 2013 Paul A. Bristow Doxygen comments changed.  
Copyright Peter Dimov 2018  
Copyright 2011-2016 Twitter, Inc.  
Copyright (c) Daniel K. O. 2005.  
Copyright (c) Ion Gaztanaga 2005-2014. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) Jeremy Siek 2002.  
Copyright 2010 Eric Niebler.  
Copyright David Abrahams 2003. Use, modification and distribution is subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2003, Fernando Luis Cacciola Carballal.  
Copyright 2002-2018 Peter Dimov  
Copyright (c) 2002-2004 CrystalClear Software, Inc.  
Copyright (c) Ion Gaztanaga 2014-2014  
Copyright (c) 2024 Joaquin M Lopez Munoz Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) Beman Dawes 2015  
Copyright 2019, 2021 Peter Dimov Distributed under the Boost Software License, Version 1.0.  
Copyright (c) 2008 Anthony Williams ifndef THREADHEAPALLOCPTHREADHPP define THREADHEAPALLOCPTHREADHPP  
Copyright (c) Ion Gaztanaga 2008-2015. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) Noel Belcourt 2007.  
Copyright Peter Dimov 2017, 2018  
Copyright (c) 2013 Tim Blechmann  
Copyright Rene Rivera 2011-2015 Distributed under the Boost Software License, Version 1.0.  
Copyright 2010 John Maddock  
Copyright Benjamin Worpitz 2018 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) Ion Gaztanaga 2015-2017.  
Copyright (c) 2022-2024 Joaquin M Lopez Munoz.  
Copyright (c) Vicente J. Botet Escriba 2014-2015. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright James E. King III, 2017 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) Mat Marcus, Jesse Jones and Adobe Systems Inc 2001  
Copyright (c) 2009, 2011 Helge Bahmann  
Copyright (c) Daniel Steck 2021  
Copyright 2023 Andrey Semashev  
Copyright (c) 2010 Paul A. Bristow added Doxygen comments.  
Copyright (c) 2008 Anthony Williams  
Copyright Vicente J. Botet Escriba 2009  
Copyright Paul Mensonides 2003  
Copyright 2023 Joaquin M Lopez Munoz.  
Copyright 2012 IBM Corp.  
Copyright (c) 2013-2025 Asynchronous B.V.  
Copyright David Abrahams, Daniel Wallin 2003.  
Copyright (c) 2004 by Internet Systems Consortium, Inc. (ISC)  
Copyright (c) 2020, 2022 Andrey Semashev  
Copyright (c) 2015 Vicente J. Botet Escriba  
Copyright Vicente J. Botet Escriba 2012.  
Copyright (c) 2002 David Abrahams  
Copyright (c) 2023 Andrey Semashev  
Copyright (c) 2022 Christian Mazakas  
Copyright (c) 2007, 2008, 2012 Peter Dimov  
Copyright 2018 Peter Dimov  
copyright the Internet Systems Consortium, Inc.  
Copyright 2005 Peter Dimov  
Copyright (c) 2003, 2008 Fernando Luis Cacciola Carballal.  
Copyright (c) 2007 Peter Dimov  
Copyright (c) 2003 Gennaro Prota  
Copyright (c) 2018 Andrey Semashev  
Copyright (c) Ion Gaztanaga 2008-2013. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) Douglas Gregor 2010  
Copyright David Abrahams 2001  
Copyright 2005 Ben Hutchings  
Copyright (c) 1998-2004 John Maddock  
Copyright (c) 2014 Agustin Berge  
Copyright Andreas Schwab 2019 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) 2014 Peter Dimov  
Copyright Steven Watanabe 2011 Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at  
Copyright (c) 2001, 2002 Peter Dimov  
Copyright (c) 2012 Vicente Botet  
Copyright Franz Detro 2014 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) Dave Abrahams and Daniel Walker 1999-2003.  
Copyright (c) 2011 Emil Dotchevski  
Copyright (c) 2024 Braden Ganetsky  
Copyright (c) 2007,2008,2009,2010,2012 Marc Alexander Lehmann <libev@schmorp.de>  
Copyright 2005-2014 Daniel James.  
Copyright (c) 2019 Dario Menendez, Banco Santander  
Copyright 2002 Daryle Walker  
Copyright (c) 2012 - 2014, 2017 Andrey Semashev  
Copyright Rene Rivera 2015-2019 Distributed under the Boost Software License, Version 1.0.  
Copyright Beman Dawes 2003, 2006, 2010  
Copyright (c) Ion Gaztanaga 2007-2014  
Copyright (c) 2011-2012 Vicente J. Botet Escriba  
Copyright (c) 2005 Arkadiy Vertleyb, Peder Holt.  
Copyright (c) 2010 Neil Groves Distributed under the Boost Software License, Version 1.0.  
Copyright (c) 1996-1999 by Internet Software Consortium.  
Copyright (c) Ion Gaztanaga 2007-2021  
Copyright (c) Ion Gaztanaga 2015-2015. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 1998-2009 John Maddock  
Copyright (c) 2009-2012 Anthony Williams  
Copyright Pavol Droba 2002-2003.  
Copyright (c) 2013 Ruslan Baratov  
Copyright Daniel Wallin, David Abrahams 2005.  
Copyright (c) Jeremy Siek and John R. Bandela 2001.  
Copyright Steven Watanabe 2014 Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at  
Copyright Daniel Wallin 2005. Use, modification and distribution is subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) Daryle Walker and Stephen Cleary 2001-2002.  
Copyright (c) 2008 Peter Dimov  
Copyright (c) John maddock 1999.  
Copyright (c) Ion Gaztanaga 2013-2014  
Copyright 2023 Glen Joseph Fernandes (glenjofe@gmail.com)  
Copyright 2014-2015 Glen Joseph Fernandes (glenjofe@gmail.com)  
Copyright 2016, 2017 Peter Dimov  
Copyright (c) Ion Gaztanaga 2008  
Copyright (c) 2004 Pavel Vozenilek.  
Copyright Eric Friedman 2003  
Copyright (c) Dave Abrahams, Steve Cleary, Beman Dawes, Howard Hinnant and John Maddock 2000, 2010.  
Copyright (c) Edward Diener 2011,2013.  
Copyright Jens Maurer 2002 Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at  
Copyright (c) 2002-2008, Fernando Luis Cacciola Carballal.  
Copyright 2020 Peter Dimov  
Copyright Rene Rivera 2012-2015 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) Microsoft Corporation 2014  
Copyright Thorsten Ottosen 2003-2006. Use, modification and distribution is subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright Rene Rivera 2008-2021 Distributed under the Boost Software License, Version 1.0.  
Copyright 2007 Baruch Zilber  
Copyright Vicente J. Botet Escriba 2009-2010  
Copyright (c) 2014, 2015 Andrzej Krzemienski.  
Copyright 2022 Peter Dimov Distributed under the Boost Software License, Version 1.0.  
Copyright Neil Groves & Thorsten Ottosen & Pavol Droba 2003-2004.  
Copyright (c) Lie-Quan Lee 2001.  
Copyright (c) Stefan Slapeta 2004.  
Copyright (c) Peter Dimov 2017.  
Copyright Eric Niebler 2008  
Copyright David Abrahams 2000-2002  
Copyright (c) 2002, 2008, 2013 Peter Dimov  
Copyright (c) 2014, 2020 Andrey Semashev  
Copyright 2009-2012 Vicente J. Botet Escriba  
Copyright Christoper Kohlhoff 2007  
Copyright (c) 2005 Igor Chesnokov, mailto:ichesnokov@gmail.com (VC 6.5,VC 7.1 + counter code)  
Copyright David Abrahams 2003  
Copyright Peter Dimov 2001-2003  
Copyright Joel Falcou 2015 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) Ion Gaztanaga 2017-2018.  
Copyright Daniel Walker 2007  
Copyright David Abrahams 2002.  
Copyright (c) 2003-2004 CrystalClear Software, Inc.  
Copyright 2014,2018 Glen Joseph Fernandes (glenjofe@gmail.com)  
Copyright (c) Artyom Beilis 2010.  
Copyright 2011 Baptiste Lepilleur Distributed under MIT license, or public domain if desired and recognized in your jurisdiction.  
Copyright (c) Vicente J. Botet Escriba 2008-2009,2012. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright Rene Rivera 2017 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) Edward Diener 2015.  
Copyright (c) Fernando Luis Cacciola Carballal 2000-2004 Use, modification, and distribution is subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2011-2012 Vicente J. Botet Escriba Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) Paul Mensonides 2003.  
Copyright Aleksey Gurtovoy 2000-2004  
Copyright (c) Edward Diener 2011-2020.  
Copyright (c) Ion Gaztanaga 2017-2021. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) Eric Jourdanneau, Joel Falcou 2010 Use, modification and distribution are subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright 2002 Niels Provos <provos@citi.umich.edu>  
Copyright (c) Ion Gaztanaga 2006-2014.  
Copyright Eric Friedman 2002  
Copyright 2003 The Trustees of Indiana University  
Copyright (c) 2013 John Maddock, Antony Polukhin  
Copyright (c) Darin Adler 2001.  
Copyright Steven Watanabe 2010 Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at  
Copyright (c) 2007, 2008 Steven Watanabe, Joseph Gauterin, Niels Dekker  
Copyright (c) 2006 Piotr Wyderski  
Copyright (c) 2004, 2005 Arkadiy Vertleyb Use, modification and distribution is subject to the Boost Software License, Version 1.0. (http:www.boost.orgLICENSE10.txt)  
Copyright Beman Dawes and Daryle Walker 1999. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at https:www.boost.orgLICENSE10.txt)  
Copyright 2020 Ion Gaztanaga  
Copyright (c) John Maddock 2020.  
Copyright 2011 Vicente J. Botet Escriba  
Copyright 2007, 2020 Peter Dimov  
Copyright (c) Toon Knapen 2001 - 2003.  
Copyright (c) 2015, 2024 Andrzej Krzemienski.  
Copyright (c) 2016 Andrzej Krzemienski  
Copyright (c) 2011-2015 Vicente J. Botet Escriba  
Copyright (c) Ion Gaztanaga 2013-2013  
Copyright Pavol Droba 2002-2004.  
Copyright (c) Pablo Halpern 2009. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright 2002-2006 Vladimir Dyuzhev.  
Copyright (c) Brian Kuhl 2016.  
Copyright (c) 2009 Helge Bahmann  
Copyright (c) Beman Dawes 2011  
Copyright (c) Stephen Cleary 2000.  
Copyright (c) Nick Thompson 2018.  
Copyright 2007, 2019 Peter Dimov  
Copyright (c) Jens Maurer 2002 - 2003.  
Copyright Bruno Dutra 2015  
Copyright (c) 1998-2000 Dr John Maddock  
Copyright (c) Aleksey Gurtovoy 2002.  
Copyright (c) Edward Diener 2014,2019.  
Copyright (c) 2009, Spirent Communications, Inc.  
Copyright (c) 2011,2012,2015 Vicente J. Botet Escriba Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) Ion Gaztanaga 2017-2017  
Copyright (c) Ion Gaztanaga 2015-2015.  
Copyright 2020 Peter Dimov Distributed under the Boost Software License, Version 1.0.  
Copyright 2021-2023 Peter Dimov  
Copyright Eric Niebler 2014. Use, modification and distribution is subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright 2015-2023 Peter Dimov.  
Copyright Douglas Gregor 2001-2006  
Copyright (c) Beman Dawes 1999-2003. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 1999, 2000 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi)  
Copyright 2002, 2020 Peter Dimov  
Copyright (c) 2002 Brad King (brad.king@kitware.com)  
Copyright (c) 2001-2008 Peter Dimov  
Copyright (c)2007,2008,2009,2010,2011,2012,2013 Marc Alexander Lehmann.  
Copyright Sergey Krivonos 2017  
Copyright Beman Dawes 2006, 2007  
Copyright Aleksey Gurtovoy 2008  
Copyright (c) 2013 Antony Polukhin Move semantics implementation.  
Copyright John R. Bandela 2000-2002  
Copyright (c) 2007 Anthony Williams  
Copyright (c) 2013 Peter Dimov  
Copyright (c) 2009-2012 Lorenzo Caminiti Distributed under the Boost Software License, Version 1.0  
Copyright (c) 2002, 2009, 2014 Peter Dimov  
Copyright Peter Dimov and Multi Media Ltd 2001, 2002  
Copyright (c) Michael Glassford 2004.  
Copyright (c) 2014, Emergya (Cloud4all, FP7/2007-2013 grant agreement 289016)  
Copyright (c) John Maddock 2005.  
Copyright (c) Ion Gaztanaga 2006-2013  
Copyright (c) 2011 John Maddock  
Copyright (c) John Maddock 2015.  
Copyright Daniel Wallin 2006. Use, modification and distribution is subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2007, 2014 Peter Dimov  
Copyright (c) Ion Gaztanaga 2011-2013. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2001, 2002 Peter Dimov and Multi Media Ltd.  
Copyright Steven Watanabe 2010-2011 Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at  
Copyright (c) Ion Gaztanaga 2010-2016.  
Copyright (c) Douglas Gregor 2002.  
Copyright 2017-2021 Glen Joseph Fernandes (glenjofe@gmail.com)  
Copyright Peter Dimov 2000-2002  
Copyright (c) Vicente J. Botet Escriba 2010.  
Copyright David Abrahams 2009. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright 2017, NVIDIA CORPORATION.  
Copyright 2019 Peter Dimov  
Copyright (c) 2009-2011 Frederic Bron.  
Copyright (c) Dave Abrahams, Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000-2003.  
Copyright Andrey Semashev 2018 - 2020.  
Copyright (c) 2023 Christian Mazakas  
Copyright Andrey Semashev 2007 - 2013.  
Copyright (c) Ion Gaztanaga 2010-2013  
Copyright Eric Niebler 2009  
Copyright (c) 2011 ! brandon kohn  
Copyright 2008 Peter Dimov  
Copyright 2001 John Maddock.  
Copyright David Abrahams 2006. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright Jens Maurer 2000-2001 Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at  
Copyright (c) Ion Gaztanaga 2017-2017. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright Zhang Na 2022 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) 2022 Joaquin M Lopez Munoz.  
Copyright 2016, 2018, 2019 Peter Dimov.  
Copyright David Abrahams 2006.  
Copyright (c) 2002 John Maddock  
Copyright (c) Jens Maurer 2001 - 2002.  
Copyright 2019 Glen Joseph Fernandes (glenjofe@gmail.com)  
Copyright (c) Ion Gaztanaga 2008-2013  
Copyright (c) 2002 Peter Dimov  
Copyright (c) David Abrahams, Jeremy Siek, Daryle Walker 1999-2001.  
Copyright (c) 2009 Phil Endecott  
Copyright Nuxi, https:nuxi.nl 2015.  
Copyright 2009-2011 Vicente J. Botet Escriba  
Copyright Peter Dimov 2000-2003  
Copyright (c) 2013 Paul A. Bristow Doxygen comments changed for new version of documentation.  
Copyright (c) Marshall Clow 2012-2012.  
Copyright 2021 Peter Dimov.  
Copyright (c) Bill Kempf 2002.  
Copyright (c) Ion Gaztanaga 2006-2014  
Copyright (c) 2008, 2009 Peter Dimov  
Copyright 2023 Peter Dimov  
Copyright (c) Jeremy Siek 2002.  
Copyright (c) 2006-2008 Emil Dotchevski and Reverge Studios, Inc.  
Copyright (c) Joaquin M Lopez Munoz 2006-2013  
Copyright (c) Guillaume Melquiond 2002 - 2003.  
Copyright (c) Vicente J. Botet Escriba 2014. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) Ion Gaztanaga 2014-2014.  
Copyright (c) Ion Gaztanaga 2014-2017. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright 2022 Joaquin M Lopez Munoz.  
Copyright (c) 2011-2013 Vicente J. Botet Escriba  
Copyright (c) 2022 Andrzej Krzemienski.  
Copyright 2014 Glen Joseph Fernandes (glenjofe@gmail.com)  
Copyright (c) Dave Abrahams and Daryle Walker 2001. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at https:www.boost.orgLICENSE10.txt)  
Copyright Franz Detro 2014  
Copyright 2004 Eric Niebler.  
Copyright (c) Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant & John Maddock 2000.  
Copyright 2001 David Abrahams  
Copyright (c) 2003 John Maddock  
Copyright 2008 Howard Hinnant  
Copyright 2024 Ion Gaztanaga Distributed under the Boost Software License, Version 1.0.  
Copyright (c) 2013-2014, 2020 Andrey Semashev  
Copyright Aleksey Gurtovoy 2002-2004  
Copyright (c) 2001-2003 Mac Murrett  
Copyright (c) Ion Gaztanaga 2005.  
Copyright (c) John Maddock 2018.  
Copyright (c) Stephen Cleary 2000  
Copyright (c) Boris Gubenko 2006 - 2007.  
Copyright 2019-2023 Glen Joseph Fernandes (glenjofe@gmail.com)  
Copyright (c) Ion Gaztanaga 2012-2015.  
Copyright Rene Rivera 2014 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) Ion Gaztanaga 2009-2013.  
Copyright Rene Rivera 2013 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) 2006 Steven Watanabe (VC 8.0)  
Copyright 2023 Christian Mazakas Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2010 Vicente J. Botet Escriba Use, modification and distribution are subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt).  
Copyright (c) 2014, Andrzej Krzemienski.  
Copyright 2007 Peter Dimov  
Copyright (c) 2002 Rani Sharoni (ranisharoni@hotmail.com) and Robert Ramey Use, modification and distribution is subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2002-2003,2005 CrystalClear Software, Inc.  
Copyright Beman Dawes 1994-2007, 2011  
Copyright (c) Microsoft Corporation 2014 Use, modification and distribution are subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt).  
Copyright (c) 2006-8 Anthony Williams  
Copyright 2023 Christian Mazakas.  
Copyright (c) 2012 Hartmut Kaiser  
Copyright 2002 The Trustees of Indiana University.  
Copyright Cromwell D. Enage 2017.  
Copyright (c) 2024 Joaquin M Lopez Munoz.  
Copyright (c) 2013 - 2020 Andrey Semashev  
Copyright Aleksey Gurtovoy 2000-2002  
Copyright 2021, 2022 Peter Dimov.  
Copyright (c) John Maddock 2017.  
Copyright Aleksey Gurtovoy 2001-2008  
Copyright (c) Jens Mauer 2001  
Copyright (c) 2013,2014 Vicente J. Botet Escriba  
Copyright Aleksey Gurtovoy 2000-2006  
Copyright Thorsten Ottosen 2003-2004. Use, modification and distribution is subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2005 Matthew Calabrese  
Copyright (c) 2020-2021 Andrey Semashev  
Copyright Aleksey Gurtovoy 2000-2003  
Copyright 2010-2014 Caolan McMahon Released under the MIT license  
Copyright (c) Ion Gaztanaga 2007-2013  
Copyright 2005-2013 Peter Dimov  
Copyright (c) 2018-2023 Andrey Semashev  
Copyright 2008, 2020 Peter Dimov Distributed under the Boost Software License, Version 1.0  
Copyright (c) 2002-2020 CrystalClear Software, Inc.  
Copyright (c) 2002, 2003 Peter Dimov  
Copyright Peter Dimov and David Abrahams 2002.  
Copyright (c) 2014 Ian Forbed  
Copyright (c) 2006-7 Anthony Williams  
Copyright (c) 2001, 2002, 2003 Peter Dimov  
Copyright (c) Ion Gaztanaga 2006-2014  
Copyright (c) 2002 Bill Kempf  
Copyright Neil Groves 2010. Use, modification and distribution is subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) John Maddock 2002 - 2003.  
Copyright Peter Dimov 2001-2002  
Copyright 2024 Braden Ganetsky.  
Copyright Peter Dimov 2017, 2018, 2020  
Copyright Aleksey Gurtovoy 2001-2004  
Copyright 2017-2018 Glen Joseph Fernandes (glenjofe@gmail.com)  
Copyright (c) Paul Mensonides 2002.  
Copyright (c) 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 Free Software Foundation, Inc.  
Copyright (c) 2022-2023 Christian Mazakas  
Copyright (c) 2010 Just Software Solutions Ltd http:www.justsoftwaresolutions.co.uk  
Copyright (c) 2013 Tim Blechmann ARM Code by Phil Endecott, based on other architectures.  
Copyright (c) John Maddock 2001 - 2002.  
Copyright (c) 2004 John Maddock  
Copyright (c) 2001-2003 William E. Kempf  
Copyright (c) 2023 Christian Mazakas Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) Vicente J. Botet Escriba 2013-2014. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) Jeremy William Murphy 2016.  
Copyright (c) 2008-2025 Asynchronous B.V.  
Copyright (c) John Maddock 2001 - 2003.  
Copyright (c) 2004 CrystalClear Software, Inc.  
Copyright (c) Jens Maurer 2001.  
Copyright (c) Marshall Clow 2012-2015.  
Copyright (c) 2017 - 2018 Andrey Semashev  
Copyright 2005, 2006, 2007 Nick Galbreath -- nickg [at] modp [dot] com All rights reserved.  
Copyright (c) 2013 Vicente J. Botet Escriba  
Copyright (c) 2022 Christian Mazakas Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) Ion Gaztanaga 2006-2013.  
Copyright 2013 Peter Dimov  
Copyright 2024 Joaquin M Lopez Munoz.  
Copyright (c) Christof Meerwald 2003  
Copyright Aleksey Gurtovoy 2000-2008  
Copyright 2005-2009 Daniel James.  
Copyright Matt Borland 2022.  
Copyright Jens Maurer 2006 Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at  
Copyright 2020, 2021 Peter Dimov Distributed under the Boost Software License, Version 1.0.  
Copyright (c) 2013 Tim Blechmann  
Copyright Aleksey Gurtovoy 2000-2010  
Copyright (c) 2013 Tim Blechmann Linux-specific code by Phil Endecott  
Copyright Eric Friedman 2002-2003  
Copyright 2018-2022 Peter Dimov  
Copyright 2015 Peter Dimov.  
Copyright (c) Paul Mensonides 2005.  
Copyright (c) 2005-2016 Daniel James  
Copyright (c) 2012-2013 Vicente J. Botet Escriba  
Copyright (c) 2013,2014 Vicente J. Botet Escriba  
Copyright (c) Ion Gaztanaga 2005-2015. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright 2015 Peter Dimov  
Copyright Christopher Brown 2013  
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)  
Copyright (c) 2004 Arkadiy Vertleyb Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) Jessica Hamilton 2014.  
Copyright (c) Ion Gaztanaga 2007-2013. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c)) 2009-2015 Marc Alexander Lehmann <libecb@schmorp.de>  
Copyright 2006 Nemanja Trifunovic UTF-8 CPP 2.3  
Copyright (c) 2018 Peter Dimov  
Copyright (c) 2012 Vicente J. Botet Escriba Use, modification and distribution are subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright 2003-2005 Peter Dimov  
Copyright (c) John Maddock 2000.  
Copyright David Abrahams 2003.  
Copyright (c) 2002-2003 David Abrahams  
Copyright (c) Beman Dawes 2001 - 2003.  
Copyright Andrey Semashev 2024.  
Copyright Beman Dawes, 2009  
Copyright (c) 2002 Peter Dimov and Multi Media Ltd.  
Copyright (c) Jeremy Siek 2000.  
Copyright Aleksey Gurtovoy 2000-2009  
Copyright (c) Microsoft Corporation 2014 Distributed under the Boost Software License, Version 1.0.  
Copyright Jens Maurer 2000-2001  
Copyright (c) John Maddock 2010.  
Copyright (c) Benedek Thaler 2015-2016  
Copyright (c) John Maddock & Thorsten Ottosen 2005.  
Copyright Ruslan Baratov 2017  
Copyright (c) 2003-2005 CrystalClear Software, Inc.  
Copyright Peter Dimov 2021 Distributed under the Boost Software License, Version 1.0.  
Copyright 2010 Vicente J. Botet Escriba  
Copyright (c) John Maddock 2002.  
Copyright (c) 2011-2012 Vicente J. Botet Escriba  
Copyright 2022, 2023 Peter Dimov Distributed under the Boost Software License, Version 1.0.  
Copyright (c) 2007 Anthony Williams  
Copyright (c) 2013-2014 Vicente J. Botet Escriba  
Copyright (c) Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000.  
Copyright (c) Martin Wille 2003.  
Copyright John R. Bandela 2001 Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2016-2025 Asynchronous B.V.  
Copyright (c) Douglas Gregor 2001.  
Copyright 2008, 2020 Peter Dimov  
Copyright (c) Peter Dimov 2002.  
Copyright John Maddock 2002-21.  
Copyright (c) 2001 Stephen Cleary  
Copyright 1999, 2000 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi)  
Copyright (c) 2013 Antony Polukhin Move semantics implementation.  
Copyright (c) Igor Sysoev  
Copyright (c) Nginx, Inc.  
Copyright (c) Dave Abrahams, Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000.  
Copyright 2017 Peter Dimov.  
Copyright (c) Markus Schoepflin 2002 - 2003.  
Copyright 2002, 2015, 2024 Peter Dimov  
Copyright (c) Balint Cserni 2017 Use, modification and distribution are subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt).  
Copyright (c) Howard Hinnant  
Copyright (c) 2011-2012,2015 Vicente J. Botet Escriba  
Copyright Jason Rhinelander 2016 Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at  
Copyright (c) 2007,2008,2009,2010,2011 Marc Alexander Lehmann <libev@schmorp.de>  
Copyright (c) 2006-2009 Emil Dotchevski and Reverge Studios, Inc.  
Copyright (c) John Maddock 2003  
Copyright (c) 2000 Stephen Cleary  
Copyright 2017, 2018 Peter Dimov.  
Copyright (c) 2015 Rod Vagg  
Copyright (c) Edward Diener 2016.  
Copyright (c) 2024 Ryan Malcolm Underwood.  
Copyright 2015-2020, 2023 Peter Dimov Distributed under the Boost Software License, Version 1.0.  
Copyright (c) 2013 Vicente J. Botet Escriba  
Copyright Aleksey Gurtovoy 2004  
Copyright 2011 Garmin Ltd. or its subsidiaries  
Copyright 2023 Peter Dimov Distributed under the Boost Software License, Version 1.0.  
Copyright Daniel Wallin, David Abrahams 2010.  
Copyright Steven Watanabe 2009 Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at  
Copyright (c) 2015 Andrey Semashev  
Copyright 2011 John Maddock  
Copyright (c) 2007-10 Anthony Williams  
Copyright (c) 2000, 2001 Stephen Cleary  
Copyright (c) 2023 Braden Ganetsky Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) John Maddock 2003.  
Copyright Thijs van den Berg 2014  
Copyright (c) Dan Watkins 2003  
Copyright Rene Rivera 2013-2015  
Copyright (c) 2012, Google Inc.  
Copyright (c) 2000-2007 Julian Seward. All rights reserved.  
Copyright (c) 1998-2002 John Maddock  
Copyright (c) 2013-2018, 2020-2021 Andrey Semashev  
Copyright Neil Groves 2003-2004.  
Copyright (c) 2007,2008,2009,2010,2011,2012,2013 Marc Alexander Lehmann <libev@schmorp.de>  
Copyright 2018 Glen Joseph Fernandes (glenjofe@gmail.com)  
Copyright Steven Watanabe 2009-2011 Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at  
Copyright (c) 2017 James E. King III  
Copyright (c) 2007,2008,2010,2012 Marc Alexander Lehmann <libev@schmorp.de>  
Copyright Rene Rivera 2008-2019  
Copyright 2008, 2020 Peter Dimov Distributed under the Boost Software License, Version 1.0.  
Copyright 2015, 2016 Peter Dimov.  
Copyright Eric Niebler 2014  
Copyright (c) 2007, 2013 Peter Dimov  
Copyright 2013, 2017-2018 Cray, Inc.  
Copyright (c) 2002,2003,2005,2020 CrystalClear Software, Inc.  
Copyright (c) Aleksey Gurtovoy 2003.  
Copyright 2017 James E. King, III Distributed under the Boost Software License, Version 1.0.  
Copyright 2018, 2021 Peter Dimov  
Copyright 2002 Aleksey Gurtovoy (agurtovoy@meta-comm.com)  
Copyright Douglas Gregor 2004.  
Copyright (c) 2010-2025 Asynchronous B.V.  
Copyright (c) Dave Abrahams, Steve Cleary, Beman Dawes, Howard Hinnant and John Maddock 2000.  
Copyright (c) Jens Maurer 2003.  
Copyright Rene Rivera 2014-2015 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) 2005, Fernando Luis Cacciola Carballal.  
Copyright 2014 Andrey Semashev  
Copyright 2009-2010 Vicente J. Botet Escriba  
Copyright Thorsten Ottosen 2006. Use, modification and distribution is subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright Douglas Gregor 2002-2003. Use, modification and distribution is subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright Aleksey Gurtovoy 2002-2006  
Copyright (c) Douglas Gregor 2008  
Copyright Peter Dimov 2017-2021  
Copyright Sebastiano Vigna 2015.  
Copyright (c) 2008 Ion Gaztanaga  
Copyright (c) 2006 Tomas Puverle  
Copyright (c) 2010 Bryce Lelbach  
Copyright 2001-2005, 2024 Peter Dimov  
Copyright Aleksey Gurtovoy 2003-2004  
Copyright Aleksey Gurtovoy 2006  
Copyright (c) Dustin Spicuzza 2009.  
Copyright Neil Groves 2009.  
Copyright 2014, 2022 Peter Dimov Distributed under the Boost Software License, Version 1.0.  
Copyright (c) Ion Gaztanaga 2014.  
Copyright David Abrahams 2002-2003  
Copyright (c) Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000-2005.  
Copyright (c) Olaf Krzikalla 2004-2006.  
Copyright Rene Rivera 2005-2016 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) Edward Diener 2019.  
Copyright Marco Guazzone 2014 Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at  
Copyright (c) 2009-2011 Frederic Bron, Robert Stewart, Steven Watanabe & Roman Perepelitsa.  
Copyright (3) Ion Gaztanaga 2013  
Copyright 2006 Roland Schwarz.  
Copyright (c) John maddock 1999. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright Steven Watanabe 2011  
Copyright (c) Markus Schoepflin 2005.  
Copyright (c) 2002-2003 Eric Friedman, Itay Maman  
Copyright (c) 2012 - 2014 Andrey Semashev  
Copyright Daniel Walker, Eric Niebler, Michel Morin 2008-2012.  
Copyright 2004-2008 Peter Dimov  
Copyright (c) Antony Polukhin 2013.  
Copyright (c) John Maddock 2011.  
Copyright (c) 2017 Glen Joseph Fernandes (glenjofe@gmail.com)  
Copyright (c) 2013, Sony Mobile Communications AB  
Copyright (c) Ion Gaztanaga 2007-2013  
Copyright (c) 2017 Andrey Semashev  
Copyright (c) 2002 Lars Gullik Bjønnes <larsbj@lyx.org>  
Copyright 2008 Eric Niebler.  
Copyright (c) 2011 Felix Geisendörfer (felix@debuggable.com)  
Copyright 2015-2019 Peter Dimov.  
Copyright (c) Ion Gaztanaga 2007-2013.  
Copyright (c) 2001 Daryle Walker.  
Copyright (c) John Maddock 2001.  
Copyright (c) marak squires  
Copyright (c) 2007, 2008 Peter Dimov  
Copyright 2020 Glen Joseph Fernandes (glenjofe@gmail.com)  
Copyright (c) 2014-2018, 2020 Andrey Semashev  
Copyright (c) 2013 Andrey Semashev  
Copyright 2007-2011 Baptiste Lepilleur  
Copyright (c) 2016 InfoTeCS JSC. All rights reserved.  
Copyright (c) 2011 Vicente J. Botet Escriba Use, modification and distribution are subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt).  
Copyright (c) Ion Gaztanaga 2005-2015.  
Copyright Rene Rivera 2008-2015  
Copyright (c) Beman Dawes 1999.  
Copyright 2000 Jeremy Siek (jsiek@lsc.nd.edu)  
Copyright 2021 Peter Dimov Distributed under the Boost Software License, Version 1.0  
Copyright Pavol Droba 2002-2006.  
Copyright (c) 2016 Andrzej Krzemienski.  
Copyright (c) 2014-2020 Andrey Semashev  
Copyright (c) 2012 Anthony Williams  
Copyright 2006, 2020 Peter Dimov  
Copyright (c) Eric Friedman 2002-2003.  
Copyright (c) Gennaro Prota 2003 - 2004.  
Copyright (c) 2020 John Maddock  
Copyright (c) Ion Gaztanaga 2009-2012.  
Copyright 2007, 2020 Peter Dimov Distributed under the Boost Software License, Version 1.0.  
Copyright (c) 2012 Vicente J. Botet Escriba  
Copyright (c) Christopher Jefferson 2011.  
Copyright (c) 2013 Vicente J. Botet Escriba Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) Daniel Frey 2002-2017.  
Copyright (c) 2003 Vesa Karvonen.  
Copyright (c) Ion Gaztanaga 2006-2022  
Copyright Douglas Gregor 2004. Use, modification and distribution is subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright 2022 Peter Dimov.  
Copyright (c) 2014-2017 Vicente J. Botet Escriba  
Copyright Cromwell D. Enage 2019.  
Copyright Rene Rivera 2008-2017 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) 2014 Glen Joseph Fernandes (glenjofe@gmail.com)  
Copyright (c) 2002,2003, 2007 CrystalClear Software, Inc.  
Copyright Rene Ferdinand Rivera Morell 2013-2020 Distributed under the Boost Software License, Version 1.0.  
Copyright 2010 Membase, Inc.  
Copyright (c) 2020 Andrey Semashev  
Copyright Jens Maurer 2000 Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at  
Copyright (c) 2014-2015 Vicente J. Botet Escriba  
Copyright (c) Ion Gaztanaga 2016-2016. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2014 Vicente J. Botet Escriba  
Copyright (c) Aleksey Gurtovoy 2002 - 2003.  
Copyright (c) Beman Dawes 2003.  
Copyright 2021-2023 Peter Dimov Distributed under the Boost Software License, Version 1.0.  
Copyright (c) 2009 Peter Dimov  
Copyright (c) 2014, 2024 Andrzej Krzemienski.  
Copyright 2007-2010 Baptiste Lepilleur Distributed under MIT license, or public domain if desired and recognized in your jurisdiction.  
Copyright Beman Dawes 2003, 2006, 2008  
Copyright 2007, 2014 Peter Dimov  
Copyright (c) 2014 Andrey Semashev  
Copyright (c) 2015 Andrzej Krzemienski.  
Copyright (c) 2014, 2019 Andrey Semashev  
Copyright (c) 2015-2024 Andrzej Krzemienski.  
Copyright (c) Bryce Lelbach 2011  
Copyright 2008, 2020, 2023 Peter Dimov Distributed under the Boost Software License, Version 1.0  
Copyright 2017 Peter Dimov  
Copyright Rene Rivera 2015-2016 Distributed under the Boost Software License, Version 1.0.  
Copyright Arno Schoedl & Neil Groves 2009.  
Copyright (c) 2004 Ralf Mattethat  
Copyright (c) Ion Gaztanaga 2004-2015. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright 2024 Emil Dotchevski Distributed under the Boost Software License, Version 1.0.  
Copyright Cromwell D. Enage 2018.  
Copyright Joyent, Inc. and other Node contributors. All rights reserved.  
Copyright (c) 2007 Anthony Williams Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) Boris Gubenko 2007.  
Copyright (c) John Maddock and Steve Cleary 2000.  
Copyright (c) 1995, 1999 Berkeley Software Design, Inc. All rights reserved.  
Copyright (c) 2010 Charlie Robbins  
Copyright Rene Rivera 2008-2015 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) John Maddock 2008.  
Copyright (c) 2011-2013 Andrew Hundt.  
Copyright 2024 Ion Gaztanaga.  
Copyright 2023-2024 Joaquin M Lopez Munoz.  
Copyright David Abrahams 2002  
Copyright Beman Dawes 2005.  
Copyright (c) Jim Douglas 2005.  
Copyright (c) 2021 Andrey Semashev  
Copyright (c) Vicente J. Botet Escriba 20010.  
Copyright Douglas Gregor 2001-2003. Use, modification and distribution is subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright 2017 Joaquin M Lopez Munoz.  
Copyright 2011-2017 Twitter, Inc.  
Copyright David Abrahams 2004  
Copyright 2018, 2020, 2021 Peter Dimov  
Copyright (c) Yuriy Krasnoschek 2009.  
Copyright (c) Ion Gaztanaga 2014-2015. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2007,2008,2009 Marc Alexander Lehmann <libev@schmorp.de>  
Copyright 2014, 2021 Peter Dimov  
Copyright 2024 Peter Dimov Distributed under the Boost Software License, Version 1.0.  
Copyright 2015, 2017, 2019 Peter Dimov.  
Copyright Rene Rivera 2013-2015 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) 2008-10 Anthony Williams  
Copyright Eric Niebler 2005.  
Copyright 2008 Beman Dawes  
Copyright (c) 1991, 1993 The Regents of the University of California. All rights reserved.  
Copyright (c) 2011-2012 ! Brandon Kohn !  
Copyright Andrey Semashev 2007 - 2014.  
Copyright (c) David Abrahams 2001.  
Copyright (c) 2017 Vicente J. Botet Escriba  
Copyright (c) 2007-2010 The JsonCpp Authors  
Copyright (c) Gennaro Prota 2003.  
Copyright (c) Ion Gaztanaga 2012-2012.  
Copyright (c) 2013 - 2014 Andrey Semashev  
Copyright (c) 2008-2009 Emil Dotchevski and Reverge Studios, Inc.  
Copyright (c) 2001 Peter Dimov and Multi Media Ltd.  
Copyright (c) 2018, 2021 Andrey Semashev  
Copyright (c) 2001 housemarque oy  
Copyright 2018, 2022 Peter Dimov  
Copyright Howard Hinnant 2007-2010.  
Copyright (2) Beman Dawes 2010, 2011  
Copyright 2011 Vicente J. Botet Escriba Use, modification and distribution are subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt).  
Copyright (c) 2002, 2018-2022 Peter Dimov  
Copyright 2024 Braden Ganetsky Distributed under the Boost Software License, Version 1.0.  
Copyright (c) Ion Gaztanaga 2022-2022.  
Copyright (c) 2024 Braden Ganetsky Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) Ion Gaztanaga 2012-2016.  
Copyright (c) Orson Peters 2017.  
Copyright 2015-2019 Peter Dimov  
Copyright Beman Dawes 2008  
Copyright (c) Synge Todo 2003.  
Copyright (c) 2002,2003, 2020 CrystalClear Software, Inc.  
Copyright 2021-2023 Glen Joseph Fernandes (glenjofe@gmail.com)  
Copyright (c) John Maddock 2006.  
Copyright 2021 Glen Joseph Fernandes (glenjofe@gmail.com)  
Copyright 2004-2005 Peter Dimov  
Copyright (c) 2015 Orson Peters 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) Toon Knapen 2003.  
Copyright (c) Edward Diener 2011.  
Copyright (c) 2012-2025 Asynchronous B.V.  
Copyright 1999-2003 Aleksey Gurtovoy. Use, modification, and distribution are subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or a copy at <http:www.boost.orgLICENSE10.txt>.)  
Copyright (c) 2007, 2008 Steven Watanabe, Joseph Gauterin, Niels Dekker  
Copyright 2002, 2003, 2024 Peter Dimov  
Copyright 2009 Vicente J. Botet Escriba  
Copyright (c) 2017 Andrzej Krzemienski.  
Copyright (c) 1998-2005 John Maddock  
Copyright (c) Daniel Frey and Robert Ramey 2009.  
Copyright (c) 2003 The Trustees of Indiana University.  
Copyright (c) 2003 Gennaro Prota.  
Copyright (c) 2001, 2002, 2012 Peter Dimov  
Copyright David Abrahams 2003-2004  
Copyright (c) 2007, Tobias Schwinger.  
Copyright (c) 2022 Andrey Semashev  
Copyright (c) Guillaume Melquiond 2003.  
Copyright (c) 2007 Manlio Perillo (manlio.perillo@gmail.com)  
Copyright 2024 Glen Joseph Fernandes (glenjofe@gmail.com)  
Copyright (c) 2013,2015 Vicente J. Botet Escriba Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2015-2025 Asynchronous B.V.  
Copyright (c) 2005 CrystalClear Software, Inc.  
Copyright (c) Edward Diener 2020.  
Copyright (c) 2003-2004, 2008 Gennaro Prota  
Copyright 2015-2020, 2024 Peter Dimov.  
Copyright (c) Ion Gaztanaga 2018-2018. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) Paul Mensonides 2002-2011.  
Copyright (c) 2005-2008 Daniel James.  
Copyright 2005, 2006, 2007 Nick Galbreath -- nickg [at] modp [dot] com All rights reserved.  
Copyright (c) 2017 Dynatrace  
Copyright (c) David Abrahams 2002 - 2003.  
Copyright David Abrahams 2001-2002  
Copyright (c) 2014 - 2021 Andrzej Krzemienski.  
Copyright (c) 2001, 2002, 2003 Peter Dimov and Multi Media Ltd.  
Copyright (c) 2014 Glen Fernandes  
Copyright John R. Bandela 2001.  
Copyright (c) 2007,2008,2010 Marc Alexander Lehmann <libev@schmorp.de>  
Copyright (c) Paul Moore 1999. Permission to copy, use, modify, sell and distribute this software is granted provided this  
Copyright (c) 2013, Kenneth MacKay  
Copyright Emil Dotchevski 2007 Use, modification and distribution is subject to the Boost Software License, Version 1.0.  
Copyright 2008 Joaquin M Lopez Munoz.  
Copyright (c) Ion Gaztanaga 2014-2014. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) Microsoft Corporation 2014  
Copyright John Maddock 2008 Use, modification, and distribution is subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2015 Ion Gaztanaga  
Copyright (c) 2001 Peter Dimov  
Copyright Daniel Walker 2006. Use, modification and distribution are subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2001 Darin Adler  
Copyright John Maddock 2002-4.  
Copyright (c) 2002,2003,2020 CrystalClear Software, Inc.  
Copyright (c) 2007-8 Anthony Williams  
Copyright Peter Dimov 2017, 2018, 2021  
Copyright (c) 2012-2013 Adam Wulkiewicz, Lodz, Poland.  
Copyright (c) 2002-2003 David Moore, William E. Kempf  
Copyright (c) 2014-2025 Asynchronous B.V.  
Copyright 2015-2020 Peter Dimov.  
Copyright Beman Dawes 2003, 2006  
Copyright Henrik S. Gaßmann 2023 Distributed under the Boost Software License, Version 1.0.  
Copyright Beman Dawes 1994, 2006, 2008  
Copyright (c) 2008-2009,2012 Vicente J. Botet Escriba  
Copyright (c) 2017-2025 Asynchronous B.V.  
Copyright (c) John Maddock 2001 Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright Antony Polukhin, 2011-2024.  
Copyright (c) 2008-9 Anthony Williams  
Copyright (c) 2009-2012 Vicente J. Botet Escriba  
Copyright (c) Paul Mensonides 2011.  
Copyright (c) 2013, Ben Noordhuis <info@bnoordhuis.nl>  
Copyright 2006 Michael van der Westhuizen  
Copyright (c) 2004-2005 CrystalClear Software, Inc.  
Copyright (c) Peter Dimov 2001.  
Copyright (c) David Abrahams 2003.  
Copyright (c) 2010 Helge Bahmann  
Copyright (c) Ion Gaztanaga 2014-2014  
Copyright (c) 2022 Joaquin M Lopez Munoz.  
Copyright (c) Ion Gaztanaga 2005-2013.  
Copyright Beman Dawes 2002, 2006  
Copyright 2007 Boris Gubenko  
Copyright (c) Rani Sharoni 2003.  
Copyright (c) 2018-2025 Asynchronous B.V.  
Copyright 2012 Vicente J. Botet Escriba  
Copyright (c) 2012 Tim Blechmann  
Copyright (c) 2006 Peter Dimov  
Copyright (c) Vicente J. Botet Escriba 2013-2017. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright 2005 Alexander Nasonov.  
Copyright (c) 2006 Arkadiy Vertleyb  
Copyright (c) Ion Gaztanaga 2006-2014. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright 2022 Peter Dimov  
Copyright (c) 2002,2003 CrystalClear Software, Inc.  
Copyright (c) Ion Gaztanaga 2011-2014. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2017 Michel Morin.  
copyright ion gaztanaga 2015-2015.  
Copyright (c) Ion Gaztanaga 2005-2013. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2007 Anthony Williams Use, modification and distribution are subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2002,2003,2005 CrystalClear Software, Inc.  
Copyright (c) 2005-2007 Peder Holt (VC 7.0 + framework)  
Copyright (c)) 2011 Emanuele Giaquinta All rights reserved.  
Copyright (c) 2014 Agustin Berge  
Copyright (c) Jens Maurer 2001 - 2003.  
Copyright 2000 John Maddock (john@johnmaddock.co.uk)  
Copyright (c) Ion Gaztanaga 2012-2013. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2010-2011 Vicente J. Botet Escriba Use, modification and distribution are subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt).  
Copyright (c) Ion Gaztanaga 2019-2020. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright Rene Rivera 2008-2013 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) Edward Diener 2011,2014.  
Copyright (c) 2017 Daniela Engert Use, modification and distribution is subject to the Boost Software License, Version 1.0. (http:www.boost.orgLICENSE10.txt)  
Copyright (c) Runar Undheim, Robert Ramey & John Maddock 2008.  
Copyright (c) Glen Joseph Fernandes 2019 (glenjofe@gmail.com)  
Copyright (c) Darin Adler 2001 - 2002.  
Copyright Daniel Wallin 2006.  
Copyright Konstantin Ivlev 2021 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) 2009 cloudhead  
Copyright (c) 2010 Eric Jourdanneau, Joel Falcou Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2023 Andrey Semashev  
Copyright (c) Daryle Walker 2001-2002.  
Copyright (c) Edward Diener 2014.  
Copyright Jessica Hamilton 2014  
Copyright (c) 2013, 2020 Andrey Semashev  
Copyright (c) 2003-2004 Jeremy B. Maitin-Shepard.  
Copyright (c) 2011 Twitter, Inc.  
Copyright (c) 2007,2008,2009,2010,2011,2012,2015 Marc Alexander Lehmann <libev@schmorp.de>  
Copyright (c) David Abrahams, Vicente Botet 2009.  
Copyright Aleksey Gurtovoy 2001-2006  
Copyright (c) 2002-2005 CrystalClear Software, Inc.  
Copyright (c) 2014-2018, 2020-2021 Andrey Semashev  
Copyright (c) 2010-2014 Caolan McMahon  
Copyright (c) 2003 Howard Hinnant  
Copyright (c) Ion Gaztanaga 2007-2014  
Copyright 2021 Peter Dimov Distributed under the Boost Software License, Version 1.0.  
Copyright Joyent, Inc. and other Node contributors.  
Copyright (c) 2005-2011 Daniel James.  
Copyright 2002, 2005 Daryle Walker  
Copyright 2015-2017 Peter Dimov.  
Copyright (c) 2022 Christian Mazakas  
Copyright (c) Ion Gaztanaga 2014-2015  
Copyright (c) 2011 Vicente J. Botet Escriba  
Copyright (c) 2012 Vicente J. Botet Escriba Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2003-2008 Jan Gaspar  
Copyright (c) Daryle Walker 2001.  
Copyright (c) 2007-9 Anthony Williams  
Copyright Jens Maurer 2000  
Copyright (c) 2014 Adam Wulkiewicz, Lodz, Poland.  
Copyright (c) 2006-2010 Emil Dotchevski and Reverge Studios, Inc.  
Copyright 2015, 2019 Peter Dimov.  
Copyright Aleksey Gurtovoy 2003-2007  
Copyright Cromwell D. Enage 2013.  
Copyright Rene Rivera 2011-2012 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) Thomas Witt 2002.  
Copyright (c) 2007-9 Anthony Williams  
Copyright 2005, 2006, 2007 Nick Galbreath -- nickg [at] client9 [dot] com All rights reserved.  
Copyright 2017, 2022 Peter Dimov.  
Copyright 2017 Glen Joseph Fernandes (glenjofe@gmail.com)  
Copyright Kevlin Henney, 2000-2005.  
Copyright Rene Ferdinand Rivera Morell 2020-2021 Distributed under the Boost Software License, Version 1.0.  
Copyright (c) 2003 Daniel Frey  
Copyright (c) 2007-8 Anthony Williams  
Copyright (c) Ion Gaztanaga 2012-2012. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright (c) 2008-2011 Daniel James.  
Copyright (c) 2012 Vicente J. Botet Escriba  
Copyright (c) 2014 Andrey Semashev  
Copyright 2012-2019 Glen Joseph Fernandes (glenjofe@gmail.com)  
Copyright (c) Dave Abrahams, Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant & John Maddock 2000.  
Copyright (c) 2015 - 2017 Andrzej Krzemienski.  
Copyright Neil Groves 2009. Use, modification and distribution are subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at http:www.boost.orgLICENSE10.txt)  
Copyright 2021 Ion Gaztanaga Refactored the original Boost ContainerHash library to avoid any heavy std header dependencies to just combine two hash values represented in a std::sizet type.  
Copyright (c) John Maddock 2001-8.  
Copyright Dave Abrahams 2001-2002  
Copyright John Maddock 2015 Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE10.txt or copy at  
Copyright 2009 Steven Watanabe

**License:** Boost and BSD and MIT and zlib

Boost Software License - Version 1.0 - August 17th, 2003  
  
Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:  
  
The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.  
  
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, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR 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 OTHER DEALINGS IN THE SOFTWARE.  
  
BSD Zero Clause License  
Copyright (C) 2006 by Rob Landley <rob@landley.net>  
  
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.  
  
  
MIT License  
  
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 (including the next paragraph) 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.  
  
  
zlib License  
  
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.  
  
Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:  
  
1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.  
  
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.  
  
3. This notice may not be removed or altered from any source distribution.