**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:** isl 0.24

**Copyright notice:**

Copyright 2011,2015 Sven Verdoolaege. All rights reserved.  
Copyright 2016 INRIA Paris  
Copyright 2008-2009 Katholieke Universiteit Leuven  
Copyright 2018,2020 Cerebras Systems  
Copyright 2018 Cerebras Systems  
Copyright 2014-2015 INRIA Rocquencourt  
Copyright 2012-2013 Ecole Normale Superieure  
Copyright 2020 Cerebras Systems  
Copyright 2019 Cerebras Systems  
Copyright 2018-2019 Cerebras Systems  
Copyright 2012 Universiteit Leiden  
Copyright 2012,2014 Ecole Normale Superieure  
Copyright (c) 2012 Qualcomm Innovation Center, Inc. All rights reserved.  
Copyright 2016-2017 Tobias Grosser  
Copyright 2016 Sven Verdoolaege  
Copyright (C) 2002-2007 Michael J. Fromberger, All Rights Reserved.  
Copyright 2010-2011 INRIA Saclay  
Copyright 2016, 2017 Tobias Grosser. All rights reserved.  
Copyright 2015 Sven Verdoolaege  
Copyright 2015-2016 Sven Verdoolaege  
Copyright 2020 Cerebras Systems. All rights reserved.  
Copyright 2010 INRIA Saclay  
Copyright 2013 Ecole Normale Superieure  
Copyright 2018 Sven Verdoolaege  
Copyright 2015 INRIA Paris-Rocquencourt  
Copyright 2011 Sven Verdoolaege. All rights reserved.  
Copyright 2012-2014 Ecole Normale Superieure  
Copyright 2017 Sven Verdoolaege  
Copyright 2016-2017 Sven Verdoolaege  
Copyright 2014 Ecole Normale Superieure  
Copyright 2014 INRIA Rocquencourt  
Copyright 2011 INRIA Saclay  
Copyright 2005-2007 Universiteit Leiden  
Copyright 2006-2007 Universiteit Leiden  
Copyright 2013-2014 Ecole Normale Superieure  
Copyright 2015 INRIA Paris-Rocquencourt  
Copyright 2012 Ecole Normale Superieure  
Copyright 2011 Sven Verdoolaege

**License:** MIT

MIT License  
  
Copyright (c) <year> <copyright holders>  
  
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.