**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:** musl 1.2.4

**Copyright notice:**

Copyright (C) 2011 by Valentin Ochs  
Copyright (C) 1993 by Sun Microsystems, Inc. All rights reserved.  
Copyright (c) 2011 David Schultz All rights reserved.  
Copyright (c) 2011 David Schultz <das@FreeBSD.ORG>  
Copyright 2004 Sun Microsystems, Inc. All Rights Reserved.  
Copyright (c) 1998-2014 Solar Designer and it is hereby released to the general public under the following terms:  
Copyright (c) 1994 David Burren  
Copyright (c) 2003 Poul-Henning Kamp All rights reserved.  
Copyright © 1994 David Burren. It is licensed under a BSD license.  
Copyright (c) 2000,2002,2010,2012 Solar Designer All rights reserved.  
Copyright © 2005-2020 Rich Felker, et al.  
Copyright (c) 2017-2018, Arm Limited.  
Copyright © 1993,2004 Sun Microsystems or  
Copyright © 2003-2009 Steven G. Kargl or  
Copyright © 2017-2018 Arm Limited and labelled as such in comments in the individual source files. All have been licensed under extremely permissive terms.  
Copyright © 2003-2011 David Schultz or  
Copyright © 2008 Stephen L. Moshier or  
Copyright (c) 2009-2011, Bruce D. Evans, Steven G. Kargl, David Schultz.  
Copyright (c) 2008 Steven G. Kargl, David Schultz, Bruce D. Evans.  
Copyright (c) 2005 Bruce D. Evans and Steven G. Kargl All rights reserved.  
Copyright (c) 2007 David Schultz <das@FreeBSD.ORG>  
Copyright (c) 2001-2009 Ville Laurikari <vl@iki.fi>  
Copyright © 2003-2009 Bruce D. Evans or  
Copyright (c) 2005-2011 David Schultz <das@FreeBSD.ORG>  
Copyright (c) 2008 Stephen L. Moshier <steve@moshier.net>  
Copyright (c) 2018, Arm Limited.  
Copyright (c) 2005-2008 David Schultz <das@FreeBSD.ORG>  
Copyright © 1999-2019, Arm Limited.

**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.