

License Information of Open Source Software

CONTENTS

1. arm-trusted-firmware.....	2
2. Boost C++ Libraries - boost.....	10
3. EGL.....	24
4. FreeBSD.....	25
5. Google V8 JavaScript Engine.....	48
6. HarfBuzz.....	49
7. ICU for C/C++ (ICU4C).....	50
8. libjpeg.....	78
9. libunibreak.....	78
10. linux-bsp.....	79
11. open-amp.....	80
12. OpenBSD.....	81
13. OpenGL.....	81
14. OpenGL ES.....	82
15. Python programming language.....	82
16. Renesas Electronics Corporation/Renesas Electronics Europe GmbH 製ソフトウェア.....	83
17. Renesas Electronics Corporation 製ソフトウェア.....	83
18. The FreeType Project.....	84
19. TinyXML.....	86
20. ucdn.....	88
21. Xilinx, Inc.製ソフトウェア.....	88
22. zlib.....	89

1. arm-trusted-firmware

Copyright (c) 2012-2017 Roberto E. Vargas Caballero
Copyright (c) 2012-2021 Roberto E. Vargas Caballero
Copyright (c) 2013-2014, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2013-2016, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2013-2017, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2013-2018, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2013-2019, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2013-2020, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2013-2021, Arm Limited and Contributors. All rights reserved.
Copyright (c) 2013-2022, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2013-2023, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2014, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2014-2016, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2014-2017, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2014-2018, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2014-2019, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2014-2020, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2014-2021, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2014-2022, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2014-2023, Arm Limited and Contributors. All rights reserved.
Copyright (c) 2015, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2015-2016, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2015-2017, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2015-2017, Renesas Electronics Corporation. All rights reserved.
Copyright (c) 2015-2018, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2015-2018, Renesas Electronics Corporation. All rights reserved.
Copyright (c) 2015-2019, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2015-2019, Renesas Electronics Corporation. All rights reserved.
Copyright (c) 2015-2020, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2015-2020, Renesas Electronics Corporation. All rights reserved.
Copyright (c) 2015-2021, Arm Limited and Contributors. All rights reserved.
Copyright (c) 2015-2021, Renesas Electronics Corporation. All rights reserved.
Copyright (c) 2015-2022, Arm Limited and Contributors. All rights reserved.
Copyright (c) 2015-2022, Arm Limited. All rights reserved.
Copyright (c) 2015-2022, Renesas Electronics Corporation. All rights reserved.
Copyright (c) 2015-2023, Arm Limited and Contributors. All rights reserved.
Copyright (c) 2016, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2016-2017, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2016-2018, ARM Limited and Contributors. All rights reserved.

Copyright (c) 2016-2019, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2016-2019,2021-2022, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2016-2020, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2016-2021, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2016-2022, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2016-2023, Arm Limited and Contributors. All rights reserved.
Copyright (c) 2017, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2017, Renesas Electronics Corporation. All rights reserved.
Copyright (c) 2017-2018, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2017-2019, Arm Limited and Contributors. All rights reserved.
Copyright (c) 2017-2019, Renesas Electronics Corporation. All rights reserved.
Copyright (c) 2017-2020, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2017-2021, Arm Limited and Contributors. All rights reserved.
Copyright (c) 2017-2022, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2017-2023, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2018, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2018, Renesas Electronics Corporation. All rights reserved.
Copyright (c) 2018-2019, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2018-2019, Renesas Electronics Corporation. All rights reserved.
Copyright (c) 2018-2020, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2018-2020, Renesas Electronics Corporation. All rights reserved.
Copyright (c) 2018-2021, Arm Limited and Contributors. All rights reserved.
Copyright (c) 2018-2021, Arm Limited. All rights reserved.
Copyright (c) 2018-2021, Renesas Electronics Corporation. All rights reserved.
Copyright (c) 2018-2022, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2018-2023, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2019, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2019, Arm Limited. All rights reserved.
Copyright (c) 2019, Linaro Limited
Copyright (c) 2019, Linaro Limited. All rights reserved.
Copyright (c) 2019, Linaro Limited. All rights reserved. Author: Sumit Garg
<sumit.garg@linaro.org>
Copyright (c) 2019, Renesas Electronics Corporation. All rights reserved.
Copyright (c) 2019-2020, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2019-2020, Arm Limited. All rights reserved.
Copyright (c) 2019-2020, Linaro Limited
Copyright (c) 2019-2021, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2019-2021, Arm Limited. All rights reserved.
Copyright (c) 2019-2021, Renesas Electronics Corporation. All rights reserved.
Copyright (c) 2019-2022, ARM Limited and Contributors. All rights reserved.

Copyright (c) 2019-2022, ARM Limited. All rights reserved.
Copyright (c) 2019-2022, Linaro Limited
Copyright (c) 2019-2023, Arm Limited and Contributors. All rights reserved.
Copyright (c) 2019-2023, Arm Limited. All rights reserved.
Copyright (c) 2020, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2020, Arm Limited. All rights reserved.
Copyright (c) 2020, Broadcom
Copyright (c) 2020, Linaro Limited. All rights reserved. Author: Sumit Garg
<sumit.garg@linaro.org>
Copyright (c) 2020, NVIDIA Corporation. All rights reserved.
Copyright (c) 2020, Renesas Electronics Corporation. All rights reserved.
Copyright (c) 2020,2023, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2020-2021, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2020-2021, Renesas Electronics Corporation. All rights reserved.
Copyright (c) 2020-2022, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2020-2022, Arm Limited. All rights reserved.
Copyright (c) 2020-2022, NVIDIA Corporation. All rights reserved.
Copyright (c) 2020-2023, Arm Limited and Contributors. All rights reserved.
Copyright (c) 2020-2023, Arm Limited. All rights reserved.
Copyright (c) 2021, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2021, Arm Limited. All rights reserved.
Copyright (c) 2021, NVIDIA Corporation. All rights reserved.
Copyright (c) 2021, Renesas Electronics Corporation. All rights reserved.
Copyright (c) 2021-2022, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2021-2022, Arm Limited. All rights reserved.
Copyright (c) 2021-2022, NVIDIA Corporation. All rights reserved.
Copyright (c) 2021-2023, Arm Limited and Contributors. All rights reserved.
Copyright (c) 2021-2023, Arm Limited. All rights reserved.
Copyright (c) 2021-2023, Renesas Electronics Corporation. All rights reserved.
Copyright (c) 2022, ARM Limited and Contributors. All rights reserved.
Copyright (c) 2022, Arm Limited. All rights reserved.
Copyright (c) 2022, NVIDIA Corporation. All rights reserved.
Copyright (c) 2022-2023, Arm Limited and Contributors. All rights reserved.
Copyright (c) 2022-2023, Arm Limited. All rights reserved.
Copyright (c) 2023, Arm Limited and Contributors. All rights reserved.
Copyright (c) 2023, Arm Limited. All rights reserved.
Copyright (c) 2023, NVIDIA Corporation. All rights reserved.
Copyright (c) 2023, Renesas Electronics Corporation. All rights reserved.
Copyright 2020 Broadcom
Portions copyright (c) 2018, ARM Limited and Contributors. All rights reserved.

Portions copyright (c) 2018-2019, ARM Limited and Contributors. All rights reserved.

Portions copyright (c) 2018-2020, ARM Limited and Contributors. All rights reserved.

Portions copyright (c) 2020, ARM Limited and Contributors. All rights reserved.

Portions copyright (c) 2021-2022, ProvenRun S.A.S. All rights reserved.

SPDX-License-Identifier: BSD-3-Clause

Copyright (c) 2021 ARM Limited

SPDX-License-Identifier: BSD-3-Clause

The definitions below are a subset of what we would normally get by using the compiler's version of arm_acle.h. We can't use that directly because we specify -nostdinc in the Makefiles.

We just define the functions we need so far.

Copyright (c) 2022 Arm Limited. All rights reserved.

SPDX-License-Identifier: BSD-3-Clause

DRTM service

Authors:

Lucian Paul-Trifu <lucian.paultrifu@gmail.com>

Brian Nezvadovitz <brinez@microsoft.com> 2021-02-01

Copyright (c) 2022 Arm Limited. All rights reserved.

SPDX-License-Identifier: BSD-3-Clause

DRTM measurements into TPM PCRs.

Authors:

Lucian Paul-Trifu <lucian.paultrifu@gmail.com>

Copyright (c) 2022 Arm Limited. All rights reserved.

SPDX-License-Identifier: BSD-3-Clause

DRTM support for DRTM error remediation.

Copyright (c) 2022, ARM Limited. All rights reserved.

Copyright (c) 2023, NVIDIA Corporation. All rights reserved.

SPDX-License-Identifier: BSD-3-Clause

Dispatch synchronous system register traps from lower ELs.

Copyright (c) 2019, Arm Limited. All rights reserved.

Copyright (c) 2022-2023, NVIDIA Corporation. All rights reserved.

SPDX-License-Identifier: BSD-3-Clause

GIC-600 driver extension for multichip setup

Copyright (c) 2015-2016, Renesas Electronics Corporation. 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 Renesas 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.

SPDX-License-Identifier: BSD-3-Clause

Copyright (c) 1990, 1993 The Regents of the University of California. 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 University 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 REGENTS 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 REGENTS 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.

Portions copyright (c) 2018, ARM Limited and Contributors. All rights reserved.

SPDX-License-Identifier: BSD-3-Clause

Copyright (c) 1990, 1993 The Regents of the University of California. All rights reserved.

This code is derived from software contributed to Berkeley by Chris Torek.

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 University 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 REGENTS 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 REGENTS 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.

Portions copyright (c) 2018, ARM Limited and Contributors. All rights reserved.

SPDX-License-Identifier: BSD-3-Clause

Copyright (c) 1998 Softweyr LLC. All rights reserved.

strtok_r, from Berkeley strtok

Oct 13, 1998 by Wes Peters <wes@softweyr.com>

Copyright (c) 1988, 1993 The Regents of the University of California. 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 notices, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notices, 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 University 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 SOFTWAREYR LLC, THE REGENTS 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 SOFTWAREYR LLC, THE REGENTS, 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.

2. Boost C++ Libraries - boost

Adaptation to Boost of the libcxx

Copyright 2010 Vicente J. Botet Escriba

Distributed under the Boost Software License, Version 1.0.

See http://www.boost.org/LICENSE_1_0.txt

(C) Copyright Howard Hinnant

(C) Copyright 2010-2011 Vicente J. Botet Escriba

Use, modification and distribution are subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt).

The LLVM Compiler Infrastructure

This file is dual licensed under the MIT and the University of Illinois Open Source Licenses. See LICENSE.TXT for details.

This code was adapted by Vicente from Howard Hinnant's experimental work on chrono i/o to Boost and some functions from libc++/locale to emulate the missing `time_get::get()`

Copyright (C) 2012-2013 Vicente J. Botet Escriba

Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)

2013/04 Vicente J. Botet Escriba

Provide implementation up to 9 parameters when `BOOST_NO_CXX11_VARIADIC_TEMPLATES` is

defined.

Make use of Boost.Move

Make use of Boost.Tuple (movable)

2012 Vicente J. Botet Escriba

Provide implementation `_RET` using `bind` when `BOOST_NO_CXX11_HDR_FUNCTIONAL` and `BOOST_NO_SFINAE_EXPR` are not defined

2012 Vicente J. Botet Escriba

Adapt to boost libcpp implementation

The LLVM Compiler Infrastructure

This file is dual licensed under the MIT and the University of Illinois Open Source Licenses. See `LICENSE.TXT` for details.

The invoke code is based on the one from `libcxx`.

Copyright (C) 2012 Vicente J. Botet Escriba

Distributed under the Boost Software License, Version 1.0. (See accompanying file `LICENSE_1_0.txt` or copy at http://www.boost.org/LICENSE_1_0.txt)

2013/04 Vicente J. Botet Escriba

Provide implementation up to 9 parameters when `BOOST_NO_CXX11_VARIADIC_TEMPLATES` is defined.

Make use of Boost.Move

Make use of Boost.Tuple (movable)

2012/11 Vicente J. Botet Escriba

Adapt to boost libcpp implementation

The LLVM Compiler Infrastructure

This file is dual licensed under the MIT and the University of Illinois Open Source Licenses. See `LICENSE.TXT` for details.

The invoker code is based on the one from `libcxx`.

Copyright (C) 2012-2013 Vicente J. Botet Escriba

Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)

2013/04 Vicente J. Botet Escriba

Provide implementation up to 10 parameters when BOOST_NO_CXX11_VARIADIC_TEMPLATES is defined.

2012/11 Vicente J. Botet Escriba

Adapt to boost libc++ implementation

The LLVM Compiler Infrastructure

This file is dual licensed under the MIT and the University of Illinois Open Source Licenses. See LICENSE.TXT for details.

The make_tuple_indices C++11 code is based on the one from libcxx.

Copyright (c) 2015 Muhammad Junaid Muzammil <mjunaidmuzammil@gmail.com>

Distributed under the Boost Software License, Version 1.0

See accompanying file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt

See <http://boostorg.github.com/compute> for more information.

Copyright 2010-2012, D. E. Shaw Research.

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 D. E. Shaw Research 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.

(C) Copyright 2002 Robert Ramey - <http://www.rrsd.com> .
Use, modification and distribution is subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)

See <http://www.boost.org> for updates, documentation, and revision history.

this module is derived from `simplexml.cpp` - an example shipped as part of the spirit parser. This example contains the following notice:

=====

=
`simplexml.cpp`

Spirit V1.3
URL: <http://spirit.sourceforge.net/>

Copyright (c) 2001, Daniel C. Nuffer

This software is provided 'as-is', without any express or implied warranty. In no event will the copyright holder 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.

(C) Copyright Ion Gaztanaga 2007-2014

Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE_1_0.txt or copy at
http://www.boost.org/LICENSE_1_0.txt)

See <http://www.boost.org/libs/intrusive> for documentation.

The implementation of splay trees is based on the article and code published in C++ Users Journal "Implementing Splay Trees in C++" (September 1, 2005).

The splay code has been modified and (supposedly) improved by Ion Gaztanaga.

Here is the copyright notice of the original file containing the splay code:

splay_tree.h -- implementation of a STL compatible splay tree.

Copyright (c) 2004 Ralf Mattethat

Permission to copy, use, modify, sell and distribute this software is granted provided this copyright notice appears in all copies.

This software is provided "as is" without express or implied warranty, and with no claim as to its suitability for any purpose.

(C) Copyright Jeremy Siek 2001.

Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)

Copyright (c) 1994

Hewlett-Packard Company

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Hewlett-Packard Company makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

Copyright (c) 1996

Silicon Graphics Computer Systems, Inc.

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Silicon Graphics makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

Copyright (c) 2000 David Abrahams.

Distributed under the Boost Software License, Version 1.0.

(See accompanying file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)

Copyright (c) 1994

Hewlett-Packard Company

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Hewlett-Packard Company makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

Copyright (c) 1996
Silicon Graphics Computer Systems, Inc.

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Silicon Graphics makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

(C) Copyright Ion Gaztanaga 2005-2012. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)

See <http://www.boost.org/libs/interprocess> for documentation.

This file comes from SGI's sstream file. Modified by Ion Gaztanaga 2005-2012. Changed internal SGI string to a buffer. Added efficient internal buffer get/set/swap functions, so that we can obtain/establish the internal buffer without any reallocation or copy. Kill those temporaries!

Copyright (c) 1998
Silicon Graphics Computer Systems, Inc.

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear

in supporting documentation. Silicon Graphics makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

(C) Copyright Ion Gaztanaga 2005-2012. Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)

See <http://www.boost.org/libs/interprocess> for documentation.

This file comes from SGI's sstream file. Modified by Ion Gaztanaga 2005-2012. Changed internal SGI string to a generic, templatized vector. Added efficient internal buffer get/set/swap functions, so that we can obtain/establish the internal buffer without any reallocation or copy. Kill those temporaries!

Copyright (c) 1998
Silicon Graphics Computer Systems, Inc.

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Silicon Graphics makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

Copyright (c) 1994
Hewlett-Packard Company

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Hewlett-Packard Company makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

Copyright (c) 1996-1998
Silicon Graphics Computer Systems, Inc.

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Silicon Graphics makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

Copyright 2002 The Trustees of Indiana University.

Use, modification and distribution is subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)

Boost.MultiArray Library

Authors: Ronald Garcia

Jeremy Siek

Andrew Lumsdaine

See http://www.boost.org/libs/multi_array for documentation.

Copyright 2003-2015 Joaquin M Lopez Munoz.

Distributed under the Boost Software License, Version 1.0.

(See accompanying file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)

See http://www.boost.org/libs/multi_index for library home page.

The internal implementation of red-black trees is based on that of SGI STL `stl_tree.h` file:

Copyright (c) 1996,1997
Silicon Graphics Computer Systems, Inc.

Permission to use, copy, modify, distribute and sell this software

and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Silicon Graphics makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

Copyright (c) 1994
Hewlett-Packard Company

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Hewlett-Packard Company makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

Copyright 2003-2015 Joaquin M Lopez Munoz.
Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE_1_0.txt or copy at
http://www.boost.org/LICENSE_1_0.txt)

See http://www.boost.org/libs/multi_index for library home page.

The internal implementation of red-black trees is based on that of SGI STL `stl_tree.h` file:

Copyright (c) 1996,1997
Silicon Graphics Computer Systems, Inc.

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Silicon Graphics makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

Copyright (c) 1994
Hewlett-Packard Company

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Hewlett-Packard Company makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

Copyright 2003-2014 Joaquin M Lopez Munoz.
Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE_1_0.txt or copy at
http://www.boost.org/LICENSE_1_0.txt)

See http://www.boost.org/libs/multi_index for library home page.

The internal implementation of red-black trees is based on that of SGI STL `stl_tree.h` file:

Copyright (c) 1996,1997
Silicon Graphics Computer Systems, Inc.

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Silicon Graphics makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

Copyright (c) 1994
Hewlett-Packard Company

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee,

provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Hewlett-Packard Company makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

(C) Copyright John Maddock 2005.

Use, modification and distribution are subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)

The gcc include path logic is derived from STLport:

Copyright (c) 1994
Hewlett-Packard Company

Copyright (c) 1996-1999
Silicon Graphics Computer Systems, Inc.

Copyright (c) 1997
Moscow Center for SPARC Technology

Copyright (c) 1999-2003
Boris Fomitchev

This material is provided "as is", with absolutely no warranty expressed or implied. Any use is at your own risk.

Permission to use or copy this software for any purpose is hereby granted without fee, provided the above notices are retained on all copies. Permission to modify the code and to distribute modified code is granted, provided the above notices are retained, and a notice that the code was modified is included with the above copyright notice.

Copyright (c) 2006, Stephan Diederich

This code may be used under either of the following two licences:

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. OF SUCH DAMAGE.

Or:

Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE_1_0.txt or copy at
http://www.boost.org/LICENSE_1_0.txt)

Boost common_factor_rt.hpp header file

(C) Copyright Daryle Walker and Paul Moore 2001-2002. Permission to copy, use, modify, sell and distribute this software is granted provided this copyright notice appears in all copies. This software is provided "as is" without express or implied warranty, and with no claim as to its suitability for any purpose.

boostinspect:nolicense (don't complain about the lack of a Boost license)

(Paul Moore hasn't been in contact for years, so there's no way to change the license.)

See <http://www.boost.org> for updates, documentation, and revision history.

Copyright (c) 2001 Ronald Garcia, Indiana University (garcia@osl.iu.edu)
Andrew Lumsdaine, Indiana University (lums@osl.iu.edu). Permission to copy, use, modify, sell and distribute this software is granted provided this copyright notice appears in all copies. This software is provided "as is" without express or implied warranty, and with no claim as to its suitability for any purpose.

Boost rational.hpp header file

(C) Copyright Paul Moore 1999. Permission to copy, use, modify, sell and distribute this software is granted provided this copyright notice appears in all copies. This software is provided "as is" without express or implied warranty, and with no claim as to its suitability for any purpose.

boostinspect::nolicense (don't complain about the lack of a Boost license)
(Paul Moore hasn't been in contact for years, so there's no way to change the license.)

See <http://www.boost.org/libs/rational> for documentation.

(C) Copyright Ronald Garcia 2002. Permission to copy, use, modify, sell and distribute this software is granted provided this copyright notice appears in all copies. This software is provided "as is" without express or implied warranty, and with no claim as to its suitability for any purpose.

See http://www.boost.org/libs/utility/shared_container_iterator.html for documentation.

Copyright (C) 2001-2003 Douglas Gregor (gregod@cs.rpi.edu)

Permission to copy, use, sell and distribute this software is granted provided this copyright notice appears in all copies.

Permission to modify the code and to distribute modified code is granted provided this copyright notice appears in all copies, and a notice that the code was modified is included with the copyright notice.

This software is provided "as is" without express or implied warranty, and with no claim as to its suitability for any purpose.

For more information, see <http://www.boost.org>

3. EGL

Copyright (c) 2007-2016 The Khronos Group Inc.

Copyright (c) 2008-2009 The Khronos Group Inc.

Copyright (c) 2008-2018 The Khronos Group Inc.

Copyright (c) 2013-2017 The Khronos Group Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and/or associated documentation files (the "Materials"), to deal in the Materials without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Materials, and to permit persons to whom the Materials are 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 Materials.

THE MATERIALS ARE 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

4. FreeBSD

Copyright (c) 2011, Bryan Venteicher <bryanv@FreeBSD.org>

All rights reserved.

SPDX-License-Identifier: BSD-2-Clause

Copyright (c) 2011 David E. O'Brien <obrien@FreeBSD.org>

Copyright (c) 2001 Mike Barcroft <mike@FreeBSD.org>

Copyright (c) 2000 Jeroen Ruigrok van der Werven <asmodai@FreeBSD.org>

Copyright (c) 2002 Mike Barcroft <mike@FreeBSD.org>

Copyright (c) 2011, 2012 The FreeBSD Foundation

Copyright (c) 2002 Thomas Moestl <tmm@FreeBSD.org>

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.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR 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 AUTHOR 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.

Copyright (c) 2003 Marcel Moolenaar

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.

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.

Copyright (c) 2011, 2012 The FreeBSD Foundation

All rights reserved.

This software was developed by David Chisnall under sponsorship from the FreeBSD Foundation.

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.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR 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 AUTHOR 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.

Copyright (c) 1988, 1993

The Regents of the University of California. 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.

THIS SOFTWARE IS PROVIDED BY THE REGENTS 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 REGENTS 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.

Portions copyright (c) 2017, ARM Limited and Contributors.
All rights reserved.

Copyright (c) 2009 David Schultz <das@FreeBSD.org>
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.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR 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 AUTHOR 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.

Portions copyright (c) 2017, ARM Limited and Contributors. All rights reserved.

Copyright (c) 2002 Marcel Moolenaar
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.

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.

Portions copyright (c) 2014, ARM Limited and Contributors.
All rights reserved.

Copyright (c) 1982, 1986, 1993
The Regents of the University of California. 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.



4. Neither the name of the University 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 REGENTS 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 REGENTS 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.

Copyright (c) 2002 Mike Barcroft <mike@FreeBSD.org>

Copyright (c) 1990, 1993

The Regents of the University of California. 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.
4. Neither the name of the University 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 REGENTS 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 REGENTS 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.

Portions copyright (c) 2016, ARM Limited and Contributors.
All rights reserved.

Copyright (c) 1992, 1993

The Regents of the University of California. All rights reserved.

(c) UNIX System Laboratories, Inc.

All or some portions of this file are derived from material licensed to the University of California by American Telephone and Telegraph Co. or Unix System Laboratories, Inc. and are reproduced herein with the permission of UNIX System Laboratories, Inc.

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 University 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 REGENTS 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 REGENTS 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.

Portions copyright (c) 2017, ARM Limited and Contributors.
All rights reserved.

Copyright (c) 1992, 1993

The Regents of the University of California. All rights reserved.

(c) UNIX System Laboratories, Inc.

All or some portions of this file are derived from material licensed to the University of California by American Telephone and Telegraph Co. or Unix System Laboratories, Inc. and are reproduced herein with the permission of UNIX System Laboratories, Inc.

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 University 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 REGENTS 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 REGENTS 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.

Portions copyright (c) 2017, ARM Limited and Contributors.

All rights reserved.

Portions copyright (c) 2019, Renesas Electronics Corporation.

All rights reserved.

Copyright (c) 1991, 1993

The Regents of the University of California. All rights reserved.

This code is derived from software contributed to Berkeley by Berkeley Software Design, Inc.

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.
4. Neither the name of the University 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 REGENTS 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 REGENTS 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.

Copyright (c) 1982, 1986, 1989, 1993

The Regents of the University of California. All rights reserved.

(c) UNIX System Laboratories, Inc.

All or some portions of this file are derived from material licensed
to the University of California by American Telephone and Telegraph
Co. or Unix System Laboratories, Inc. and are reproduced herein with
the permission of UNIX System Laboratories, Inc.

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.
4. Neither the name of the University 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 REGENTS 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 REGENTS 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.

Copyright (c) 1982, 1986, 1991, 1993, 1994

The Regents of the University of California. All rights reserved.

(c) UNIX System Laboratories, Inc.

All or some portions of this file are derived from material licensed to the University of California by American Telephone and Telegraph Co. or Unix System Laboratories, Inc. and are reproduced herein with the permission of UNIX System Laboratories, Inc.

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.
4. Neither the name of the University 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 REGENTS 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 REGENTS 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.

Copyright (c) 1982, 1988, 1991, 1993

The Regents of the University of California. All rights reserved.

(c) UNIX System Laboratories, Inc.

All or some portions of this file are derived from material licensed to the University of California by American Telephone and Telegraph Co. or Unix System Laboratories, Inc. and are reproduced herein with the permission of UNIX System Laboratories, Inc.

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.
4. Neither the name of the University 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 REGENTS 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 REGENTS 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.

Portions copyright (c) 2009-2014, ARM Limited and Contributors.
All rights reserved.



Copyright (c) 1986, 1988, 1991, 1993

The Regents of the University of California. All rights reserved.

(c) UNIX System Laboratories, Inc.

All or some portions of this file are derived from material licensed to the University of California by American Telephone and Telegraph Co. or Unix System Laboratories, Inc. and are reproduced herein with the permission of UNIX System Laboratories, Inc.

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.
4. Neither the name of the University 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 REGENTS 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 REGENTS 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.

Portions copyright (c) 2009-2014, ARM Limited and Contributors.

All rights reserved.

Copyright (c) 1988, 1993

The Regents of the University of California. 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.
4. Neither the name of the University 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 REGENTS 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 REGENTS 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.

Copyright (c) 1989, 1993

The Regents of the University of California. All rights reserved.

(c) UNIX System Laboratories, Inc.

All or some portions of this file are derived from material licensed to the University of California by American Telephone and Telegraph Co. or Unix System Laboratories, Inc. and are reproduced herein with the permission of UNIX System Laboratories, Inc.

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 University 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 REGENTS 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 REGENTS 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.

Copyright (c) 1990, 1993

The Regents of the University of California. 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 University 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 REGENTS 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 REGENTS 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.

Copyright (c) 1990, 1993

The Regents of the University of California. 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 University 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 REGENTS 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 REGENTS 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.

Portions copyright (c) 2013-2014, ARM Limited and Contributors.
All rights reserved.

Copyright (c) 1990, 1993
The Regents of the University of California. 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 University 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 REGENTS 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 REGENTS 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.

Portions copyright (c) 2013-2017, ARM Limited and Contributors.

All rights reserved.

Copyright (c) 1990, 1993

The Regents of the University of California. 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.
4. Neither the name of the University 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 REGENTS 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 REGENTS 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.

Portions copyright (c) 2009-2014, ARM Limited and Contributors.

All rights reserved.

Copyright (c) 1990, 1993

The Regents of the University of California. 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.
4. Neither the name of the University 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 REGENTS 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 REGENTS 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.

Portions copyright (c) 2013-2014, ARM Limited and Contributors.
All rights reserved.

Copyright (c) 1990, 1993

The Regents of the University of California. All rights reserved.

This code is derived from software contributed to Berkeley by
Chris Torek.

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 University 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 REGENTS 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 REGENTS 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.

Portions copyright (c) 2013-2014, ARM Limited and Contributors.
All rights reserved.

Copyright (c) 1990, 1993
The Regents of the University of California. All rights reserved.

This code is derived from software contributed to Berkeley by
Chris Torek.

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.
4. Neither the name of the University 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 REGENTS 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 REGENTS 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.

Portions copyright (c) 2014, ARM Limited and Contributors.
All rights reserved.

Copyright (c) 1991, 1993
The Regents of the University of California. All rights reserved.

This code is derived from software contributed to Berkeley by
Berkeley Software Design, Inc.

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.

4. Neither the name of the University 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 REGENTS 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 REGENTS 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.

Copyright (c) 2001 David E. O'Brien

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 University 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 REGENTS 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 REGENTS 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.

Portions copyright (c) 2017, ARM Limited and Contributors.
All rights reserved.

Copyright (c) 2002 David E. O'Brien. 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 University 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 AUTHOR 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 AUTHOR 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.

.....
SPDX-License-Identifier: BSD-2-Clause-FreeBSD

Copyright (c) 2002 Thomas Moestl <tm@FreeBSD.org> All rights reserved.

Copyright (c) 2009 David Schultz <das@FreeBSD.org> 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.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR 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 AUTHOR 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.

Portions copyright (c) 2018, ARM Limited and Contributors. All rights reserved.

5. Google V8 JavaScript Engine

Copyright 2012 the V8 project authors. All rights reserved.

Use of this source code is governed by a BSD-style license that can be found in the LICENSE file.

V8 is Google's open source JavaScript engine.

This set of documents provides reference material generated from the V8 header file, include/v8.h.

For other documentation see <http://code.google.com/apis/v8/>

Copyright 2012 the V8 project authors. All rights reserved.

Copyright 2013 the V8 project authors. All rights reserved.

Copyright 2014 the V8 project authors. All rights reserved.

Use of this source code is governed by a BSD-style license that can be found in the LICENSE file.

6. HarfBuzz

Copyright © 1998-2004 David Turner and Werner Lemberg

Copyright © 2004,2007,2009 Red Hat, Inc.

Copyright © 2011,2012 Google, Inc.

Copyright © 2007,2008,2009 Red Hat, Inc.

Copyright © 2009 Red Hat, Inc.

Copyright © 2011 Codethink Limited

Copyright © 2012 Google, Inc.

Copyright © 2015 Google, Inc.

Copyright © 2011 Google, Inc.

Copyright © 2013 Google, Inc.

Copyright © 2013 Red Hat, Inc.

Copyright © 2014 Google, Inc.

Copyright © 2016 Igalia S.L.

Copyright © 2017 Google, Inc.

Copyright © 2018 Google, Inc.

This is part of HarfBuzz, a text shaping library.

Permission is hereby granted, without written agreement and without license or royalty fees, to use, copy, modify, and distribute this

software and its documentation for any purpose, provided that the above copyright notice and the following two paragraphs appear in all copies of this software.

IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE TO ANY PARTY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS SOFTWARE AND ITS DOCUMENTATION, EVEN IF THE COPYRIGHT HOLDER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

THE COPYRIGHT HOLDER SPECIFICALLY DISCLAIMS ANY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE SOFTWARE PROVIDED HEREUNDER IS ON AN "AS IS" BASIS, AND THE COPYRIGHT HOLDER HAS NO OBLIGATION TO PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.

Red Hat Author(s): Owen Taylor, Behdad Esfahbod

Google Author(s): Behdad Esfahbod

Red Hat Author(s): Behdad Esfahbod

Codethink Author(s): Ryan Lortie

Google Author(s): Behdad Esfahbod, Roozbeh Pournader

Igalia Author(s): Frédéric Wang

Google Author(s): Garret Rieger

Google Author(s): Garret Rieger, Roderick Sheeter

Google Author(s): Rod Sheeter

7. ICU for C/C++ (ICU4C)

Copyright (C) 2011-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2007-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1997-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2009-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright 2007 Google Inc. All Rights Reserved.

Copyright (C) 2010-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2010-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1996-2011, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1997-2011, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1996-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2012-2013, International Business Machines Corporation and others. All Rights Reserved.



Copyright (c) 2004-2006, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2009-2011, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1999-2006,2013 IBM Corp. All rights reserved.
Copyright (C) 2011-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2007-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1997-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2009-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright 2007 Google Inc. All Rights Reserved.

Copyright (C) 2010-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2010-2013, International Business Machines Corporation and others. All Rights Reserved.



Copyright (C) 1996-2011, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1997-2011, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1996-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2012-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (c) 2004-2006, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2009-2011, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1999-2006,2013 IBM Corp. All rights reserved.

Copyright (c) 1997-2012, International Business Machines Corporation and others. All Rights Reserved



Copyright (C) 2008-2009, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2008-2013, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2008-2011,2013, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2007-2008, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2012, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2009-2011, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1997-2006, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1997-2011, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1997-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2009-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2009-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2010-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1996-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (c) 2004-2011, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2011-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2010-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1999-2005, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1997-2005, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1997-2012, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1999-2013 International Business Machines
Corporation and others. All rights reserved.

Copyright (C) 2002-2013, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2013, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1999-2012, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1996-2013, International Business Machines

Corporation and others. All Rights Reserved.

Copyright (C) 1998-2005, International Business Machines

Corporation and others. All Rights Reserved.

Copyright (C) 2001-2011 IBM and others. All rights reserved.

Copyright (c) 1997-2011, International Business Machines

Corporation and others. All Rights Reserved.

Copyright (C) 2010 , Yahoo! Inc.

Copyright (C) 1997-2013, International Business Machines

Corporation and others. All Rights Reserved.

Copyright (C) 1997-2013, International Business Machines

Corporation and others. All Rights Reserved.

Copyright (C) 1996-2013, International Business Machines

Corporation and others. All Rights Reserved.

Copyright (C) 2002-2012, International Business Machines

Corporation and others. All Rights Reserved.

Copyright (C) 2009-2013, International Business Machines



Corporation and others. All Rights Reserved.

Copyright 2001 and onwards Google Inc.

Copyright (C) 2001-2008 IBM and others. All rights reserved.

Copyright (c) 2000-2005, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1996-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (c) 1997-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2009-2010, Google, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2008-2013, Google, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1999-2013, International Business Machines Corporation and others. All Rights Reserved.



Copyright (C) 2011-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2011-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2007-2008, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1999-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2005-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (c) 2003-2004, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2001-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2000-2004, International Business Machines Corporation and others. All Rights Reserved.



Copyright (C) 1999-2009, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2008-2011, International Business Machines Corporation, Google and others. All Rights Reserved.

Copyright (C) 2001-2011, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2005-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1996-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1999-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2010-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2007-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2010-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2003-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2002-2011 International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2010-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2003-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1999-2006, International Business Machines Corporation and others. All Rights Reserved.

COPYRIGHT:

Copyright (c) 1997-2011, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2010 , Yahoo! Inc.



Copyright (C) 1999-2010, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (c) 2002-2005, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2001-2005, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1999-2013, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1998-2013, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (c) 1996-2010, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2004-2013, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1997-2010, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (c) 2002-2008, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2000-2012, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2008-2013, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2003-2010, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1998-2012, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2004-2012, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1999-2011, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1999-2001, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2004 - 2008, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2000-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2000-2011, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2009-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright 2007 Google Inc. All Rights Reserved.

Copyright (C) 1996-2012, International Business Machines Corporation and others. All Rights Reserved.

COPYRIGHT:
Copyright (c) 1997-2012, International Business Machines Corporation and others. All Rights Reserved.

COPYRIGHT:
Copyright (c) 1996-2011, International Business Machines Corporation and others. All Rights Reserved.

COPYRIGHT:

Copyright (c) 1997-2011, International Business Machines Corporation and others. All Rights Reserved.
Copyright (C) 2010 , Yahoo! Inc.

Copyright (C) 2009-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright 2001 and onwards Google Inc.

Copyright (C) 2003-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (c) 1997-2012, International Business Machines Corporation and others. All Rights Reserved

Copyright (C) 2008-2009, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2008-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2008-2011,2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2007-2008, International Business Machines Corporation and others. All Rights Reserved.



Copyright (C) 2012, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2009-2011, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1997-2006, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1997-2011, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1997-2013, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2009-2013, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2009-2012, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2010-2012, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1996-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (c) 2004-2011, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2011-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2010-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1999-2005, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1997-2005, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1997-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1999-2013 International Business Machines Corporation and others. All rights reserved.

Copyright (C) 2002-2013, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2013, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1999-2012, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1996-2013, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 1998-2005, International Business Machines
Corporation and others. All Rights Reserved.

Copyright (C) 2001-2011 IBM and others. All rights reserved.

Copyright (c) 1997-2011, International Business Machines
Corporation and others. All Rights Reserved.
Copyright (C) 2010 , Yahoo! Inc.

Copyright (C) 1997-2013, International Business Machines
Corporation and others. All Rights Reserved.

v

Copyright (C) 1997-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1996-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2002-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2009-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright 2001 and onwards Google Inc.

Copyright (C) 2001-2008 IBM and others. All rights reserved.

Copyright (c) 2000-2005, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1996-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (c) 1997-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2009-2010, Google, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2008-2013, Google, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1999-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2011-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2011-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2007-2008, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1999-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2005-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (c) 2003-2004, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2001-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2000-2004, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1999-2009, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2008-2011, International Business Machines Corporation, Google and others. All Rights Reserved.

Copyright (C) 2001-2011, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2005-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1996-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1999-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2010-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2007-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2010-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2003-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2002-2011 International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2010-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2003-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1999-2006, International Business Machines Corporation and others. All Rights Reserved.

COPYRIGHT:
Copyright (c) 1997-2011, International Business Machines Corporation and others. All Rights Reserved.
Copyright (C) 2010 , Yahoo! Inc.

Copyright (C) 1999-2010, International Business Machines Corporation and others. All Rights Reserved.

Copyright (c) 2002-2005, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2001-2005, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1999-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1998-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (c) 1996-2010, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2004-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1997-2010, International Business Machines Corporation and others. All Rights Reserved.

Copyright (c) 2002-2008, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2000-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2008-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2003-2010, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1998-2012, International Business Machines Corporation and others. All Rights Reserved.



Copyright (C) 2004-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1999-2011, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 1999-2001, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2004 - 2008, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2000-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2000-2011, International Business Machines Corporation and others. All Rights Reserved.

Copyright (C) 2009-2012, International Business Machines Corporation and others. All Rights Reserved.

Copyright 2007 Google Inc. All Rights Reserved.



Copyright (C) 1996-2012, International Business Machines Corporation and others. All Rights Reserved.

COPYRIGHT:

Copyright (c) 1997-2012, International Business Machines Corporation and others. All Rights Reserved.

COPYRIGHT:

Copyright (c) 1996-2011, International Business Machines Corporation and others. All Rights Reserved.

COPYRIGHT:

Copyright (c) 1997-2011, International Business Machines Corporation and others. All Rights Reserved.
Copyright (C) 2010 , Yahoo! Inc.

Copyright (C) 2009-2013, International Business Machines Corporation and others. All Rights Reserved.

Copyright 2001 and onwards Google Inc.

Copyright (C) 2003-2013, International Business Machines Corporation and others. All Rights Reserved.

UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

See Terms of Use <<https://www.unicode.org/copyright.html>>
for definitions of Unicode Inc.'s Data Files and Software.

NOTICE TO USER: Carefully read the following legal agreement.

BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"),

YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT.

IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

Copyright © 1991-2023 Unicode, Inc. All rights reserved.

Distributed under the Terms of Use in <https://www.unicode.org/copyright.html>.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either

- (a) this copyright and permission notice appear with all copies of the Data Files or Software, or
- (b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE 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 OF THIRD PARTY RIGHTS.

IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL 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 THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale,

use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

8. libjpeg

Copyright (C) 1994-1997, Thomas G. Lane.

Copyright (C) 1991-1997, Thomas G. Lane.

Copyright (C) 1991-1998, Thomas G. Lane.

Copyright (C) 1991-1997, Thomas G. Lane.

Modified 1997-2018 by Guido Vollbeding.

Modified 1997-2019 by Guido Vollbeding.

Modified 2002-2019 by Guido Vollbeding.

Modified 1997-2013 by Guido Vollbeding.

This file is part of the Independent JPEG Group's software.

For conditions of distribution and use, see the accompanying README file.

9. libunibreak

Copyright (C) 2008-2016 Wu Yongwei <wuyongwei at gmail dot com>

Copyright (C) 2013 Petr Filipisky <philodej at gmail dot com>

Copyright (C) 2013-2016 Tom Hacoheh <tom at stosb dot com>

Copyright (C) 2015-2016 Wu Yongwei <wuyongwei at gmail dot com>

Copyright (C) 2016 Andreas Röver <roever at users dot sf dot net>

This software is provided 'as-is', without any express or implied warranty. In no event will the author 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 acknowledgement 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.

10. linux-bsp

Copyright (c) 2021, Renesas Electronics Corporation
All rights reserved.

An interface for efficient virtio implementation, currently for use by KVM,
but hopefully others soon. Do NOT change this since it will
break existing servers and clients.

This header is BSD licensed so anyone can use the definitions to implement
compatible drivers/servers.

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 IBM 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 IBM 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.

Copyright Rusty Russell IBM Corporation 2007.

Copyright (c) 2021, Renesas Electronics Corporation
All rights reserved.

This header, excluding the `#ifdef __KERNEL__` part, is BSD licensed so anyone can use the definitions to implement compatible drivers/servers.

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 IBM 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 IBM 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.

11. open-amp

Copyright (c) 2011, Bryan Venteicher <bryanv@FreeBSD.org>
All rights reserved.

SPDX-License-Identifier: BSD-2-Clause

Copyright (c) 2011 Google, Inc.
Copyright (c) 2011 Texas Instruments, Inc.
Copyright (c) 2014, Mentor Graphics Corporation
Copyright (c) 2016 Freescale Semiconductor, Inc.
Copyright (c) 2018 Linaro, Inc.
Copyright (c) 2018 Linaro, Inc.
Copyright (c) 2018 Xilinx Ltd.
Copyright (c) 2021 Nordic Semiconductor ASA
Copyright (c) 2022, Renesas Electronics Corporation
All rights reserved.

SPDX-License-Identifier: BSD-3-Clause

12. OpenBSD

Copyright (c) 2010 Damien Miller. All rights reserved.

Permission to use, copy, modify, and 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.

13. OpenGL

Copyright (c) 2013-2016 The Khronos Group Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and/or associated documentation files (the "Materials"), to deal in the Materials without restriction, including

without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Materials, and to permit persons to whom the Materials are 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 Materials.

THE MATERIALS ARE 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 MATERIALS OR THE USE OR OTHER DEALINGS IN THE MATERIALS.

14. OpenGL ES

Copyright (c) 2017 The Khronos Group Inc.

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.

15. Python programming language

This file is a modified version of Python 2.2/2.2.1 Python.h. As such it is:

Copyright (c) 2001, 2002 Python Software Foundation: All Rights Reserved

boostinspect:nolicense (don't complain about the lack of a Boost license)

16. Renesas Electronics Corporation/Renesas Electronics Europe GmbH 製ソフトウェア

Copyright (c) [2021-2022] Renesas Electronics Corporation

Copyright (c) [2019-2020] Renesas Electronics (Europe) GmbH.

This software is released under the MIT License

<http://opensource.org/licenses/mit-license.php>

17. Renesas Electronics Corporation 製ソフトウェア

Copyright (c) 2018, Renesas Electronics Corporation. All rights reserved.

Copyright (c) 2015-2017, Renesas Electronics Corporation. All rights reserved.

SPDX-License-Identifier: BSD-3-Clause

Copyright (c) 2021, Renesas Electronics Corporation

All rights reserved.

Virtio IDs

This header is BSD licensed so anyone can use the definitions to implement compatible drivers/servers.

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 IBM 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 IBM 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.

Copyright (c) [2019-2020] Renesas Electronics (Europe) GmbH.
Copyright (c) [2021-2022] Renesas Electronics Corporation
This software is released under the MIT License.
<http://opensource.org/licenses/mit-license.php>

18. The FreeType Project

Copyright (C) 1996-2020 by
Copyright (C) 2000-2020 by
Copyright (C) 2001-2020 by
Copyright (C) 2002-2020 by
Copyright (C) 2003-2020 by
Copyright (C) 2004-2020 by
Copyright (C) 2006-2020 by
Copyright (C) 2007-2020 by
Copyright (C) 2008-2020 by
Copyright (C) 2017-2020 by
Copyright (C) 2018-2020 by
Copyright (C) 2020 by
David Turner, Robert Wilhelm, and Werner Lemberg.

This file is part of the FreeType project, and may only be used, modified, and distributed under the terms of the FreeType project license, LICENSE.TXT. By continuing to use, modify, or distribute this file you indicate that you have read the license and

understand and accept it fully.

Copyright (C) 1996-2020 by

Just van Rossum, David Turner, Robert Wilhelm, and Werner Lemberg.

This file is part of the FreeType project, and may only be used, modified, and distributed under the terms of the FreeType project license, LICENSE.TXT. By continuing to use, modify, or distribute this file you indicate that you have read the license and understand and accept it fully.

Copyright (C) 2004-2020 by

Masatake YAMATO, Redhat K.K,

David Turner, Robert Wilhelm, and Werner Lemberg.

This file is part of the FreeType project, and may only be used, modified, and distributed under the terms of the FreeType project license, LICENSE.TXT. By continuing to use, modify, or distribute this file you indicate that you have read the license and understand and accept it fully.

Copyright (C) 2007-2020 by

Dereq Clegg and Michael Toftdal.

This file is part of the FreeType project, and may only be used, modified, and distributed under the terms of the FreeType project license, LICENSE.TXT. By continuing to use, modify, or distribute this file you indicate that you have read the license and understand and accept it fully.

Copyright (C) 2010-2020 by

Joel Klinghed.



This file is part of the FreeType project, and may only be used, modified, and distributed under the terms of the FreeType project license, LICENSE.TXT. By continuing to use, modify, or distribute this file you indicate that you have read the license and understand and accept it fully.

19. TinyXML

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.

Original code (2.0 and earlier)copyright (c) 2000-2006 Lee Thomason (www.grinninglizard.com)

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.

www.sourceforge.net/projects/tinxml

Original code by Lee Thomason (www.grinninglizard.com)

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.

www.sourceforge.net/projects/tinxml

Original code (2.0 and earlier)copyright (c) 2000-2006 Lee Thomason (www.grinninglizard.com)

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.

20. ucdn

Copyright (C) 2012 Grigori Goronzy <greg@kinoho.net>

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.

21. Xilinx, Inc.製ソフトウェア

Copyright (c) 2014, Mentor Graphics Corporation

Copyright (c) 2015-2016 Xilinx, Inc.

All rights reserved.

22. zlib

Copyright (C) 1995-2022 Jean-loup Gailly and Mark Adler

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.

Jean-loup Gailly
jloup@gzip.org

Mark Adler
madler@alumni.caltech.edu