**OPEN SOURCE SOFTWARE NOTICE**

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

**Warranty Disclaimer**

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

**Copyright Notice and License Texts**

Software: portaudio 19

**Copyright notice:**

copyright notice and this notice are preserved. This file is offered as-is, without warranty of any kind.

copyright assigned and is placed in the Public Domain. This file is part of the w64 mingw-runtime package. No warranty is given; refer to the file DISCLAIMER.PD within this package.

Copyrighted; WINBOOL fOriginal; KSAUDIO\_COPY\_PROTECTION,\*PKSAUDIO\_COPY\_PROTECTION;

Copyright, 0x64440492, 0x4C8B, 0x11D1, 0x8B, 0x70, 0x08, 0x00, 0x36, 0xB1, 0x1A, 0x03, 11);

Copyright © 2004 Scott James Remnant <scott@netsplit.com>.

Copyright Microsoft Corporation, All Rights Reserved.

Copyright 1992, 1993, 1994, 1995, 1996, 1998, 1999, 2000, 2001, 2002 Free Software Foundation, Inc. This configure script is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it. ACEOF exit 0 fi exec 5>config.log cat >&5 <<\_ACEOF This file contains any messages produced by compilers while running configure, to aid debugging if configure makes a mistake.

Copyright 1992, 1993, 1994, 1995, 1996, 1998, 1999, 2000, 2001, 2002 Free Software Foundation, Inc. This configure script is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it.

Copyright 1992, 1993, 1994, 1995, 1996, 1998, 1999, 2000, 2001 Free Software Foundation, Inc. This config.status script is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it." srcdir=$srcdir INSTALL="$INSTALL" ACEOF

Copyright 1991 by the Massachusetts Institute of Technology

Copyright -- PKEY\_Copyright Type: String -- VT\_LPWSTR (For variants: VT\_BSTR) FormatID: (PSGUID\_MEDIAFILESUMMARYINFORMATION) 64440492-4C8B-11D1-8B70-080036B11A03, 11 (PIDMSI\_COPYRIGHT)

Copyright (c) Microsoft Corporation. All rights reserved.

Copyright (c) 2011 Ross Bencina

Copyright (c) 2011 Eliot Blennerhassett <eblennerhassett@audioscience.com>

Copyright (c) 2010-2011 Ross Bencina

Copyright (c) 2010 Ross Bencina

Copyright (c) 2009 Ross Bencina

Copyright (c) 2008 Ross Bencina

Copyright (c) 2008 Kevin Kofler <kevin.kofler@chello.at>

Copyright (c) 2007 Ross Bencina

Copyright (c) 2006-2010 David Viens, Dmitry Kostjuchenko

Copyright (c) 2005-2009 Arve Knudsen <arve.knudsen@gmail.com>

Copyright (c) 2005-2006 Bjorn Roche

Copyright (c) 2005,2006 Ludwig Schwardt <schwardt@sun.ac.za>

Copyright (c) 2004 Stefan Westerfeld <stefan@space.twc.de>

Copyright (c) 2004 Arve Knudsen <aknuds-1@broadpark.no>

Copyright (c) 2003 Fred Gleason <fredg@salemradiolabs.com>

Copyright (c) 2002 Ross Bencina

Copyright (c) 2002 Joshua Haberman <joshua@haberman.com>

Copyright (c) 2000-2002 Stephane Letz, Phil Burk, Ross Bencina Blocking i/o implementation by Sven Fischer, Institute of Hearing Technology and Audiology (www.hoertechnik-audiologie.de)

Copyright (c) 1999-2011 Ross Bencina, Phil Burk

Copyright (c) 1999-2011 Ross Bencina, Dmitry Kostjuchenko

Copyright (c) 1999-2010 Ross Bencina and Phil Burk

Copyright (c) 1999-2010 Phil Burk and Ross Bencina See complete license at end of file.

Copyright (c) 1999-2010 Phil Burk and Ross Bencina

Copyright (c) 1999-2010 Phil Burk and Ross Bencina

Copyright (c) 1999-2008 Ross Bencina, Phil Burk

Copyright (c) 1999-2008 Ross Bencina, Phil Burk

Copyright (c) 1999-2008 Ross Bencina and Phil Burk

Copyright (c) 1999-2008 Ross Bencina

Copyright (c) 1999-2008 Phil Burk and Ross Bencina

Copyright (c) 1999-2007 Ross Bencina, Phil Burk, Robert Marsanyi

Copyright (c) 1999-2007 Ross Bencina and Phil Burk

Copyright (c) 1999-2007 Ross Bencina and Phil Burk

Copyright (c) 1999-2006 Ross Bencina, Phil Burk

Copyright (c) 1999-2006 Ross Bencina, Phil Burk

Copyright (c) 1999-2006 Ross Bencina and Phil Burk

Copyright (c) 1999-2006 Phil Burk, Robert Marsanyi and Ross Bencina

Copyright (c) 1999-2004 Ross Bencina and Phil Burk

Copyright (c) 1999-2004 Andrew Baldwin, Ross Bencina, Phil Burk

Copyright (c) 1999-2002 Ross Bencina, Phil Burk

Copyright (c) 1999-2002 Ross Bencina, Phil Burk

Copyright (c) 1999-2002 Ross Bencina and Phil Burk

Copyright (c) 1999-2002 Phil Burk, Ross Bencina

Copyright (c) 1999-2000 Ross Bencina and Phil Burk

Copyright (c) 1999-2000 Ross Bencina and Phil Burk

Copyright (c) 1999-2000 Ross Bencina

Copyright (c) 1999-2000 Phil Burk

Copyright (c) 1999-2000 <author(s)>

Copyright (c) 1999 - 2007 Ross Bencina, Andrew Baldwin

Copyright (c) 1999 - 2007 Andrew Baldwin, Ross Bencina

Copyright (C) 2012 Free Software Foundation, Inc. This configure script is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it. ACEOF exit fi

Copyright (C) 2012 Free Software Foundation, Inc. This config.status script is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it."

Copyright (C) 2010 Free Software Foundation, Inc. This configure script is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it. ACEOF exit fi

Copyright (C) 2010 Free Software Foundation, Inc. This config.status script is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it."

Copyright (C) 2010 Free Software Foundation, Inc. This config.lt script is free software; the Free Software Foundation gives unlimited permision to copy, distribute and modify it."

Copyright (C) 2006, 2008 Free Software Foundation, Inc.

Copyright (C) 2004, 2005, 2007, 2009 Free Software Foundation, Inc. Written by Scott James Remnant, 2004.

Copyright (C) 2004, 2005, 2007, 2008, 2009 Free Software Foundation, Inc. Written by Gary V. Vaughan, 2004

Copyright (C) 2004, 2005, 2007, 2008 Free Software Foundation, Inc. Written by Gary V. Vaughan, 2004

Copyright (C) 2004, 2005 Free Software Foundation, Inc.

Copyright (C) 2004 Free Software Foundation, Inc. Written by Scott James Remnant, 2004

Copyright (C) 2003, 2005 Free Software Foundation, Inc.

Copyright (C) 2003, 2004, 2005, 2006 Free Software Foundation, Inc.

Copyright (C) 2002, 2003, 2005, 2006, 2007, 2008 Free Software Foundation, Inc.

Copyright (C) 2001, 2003, 2005, 2008 Free Software Foundation, Inc.

Copyright (C) 2001, 2003, 2005 Free Software Foundation, Inc.

Copyright (C) 2001, 2002, 2003, 2005, 2009 Free Software Foundation, Inc.

Copyright (C) 2001, 2002, 2003, 2005, 2008 Free Software Foundation, Inc.

Copyright (C) 1999, 2000, 2003, 2004, 2005, 2006, 2007, 2009 Free Software Foundation, Inc.

Copyright (C) 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2008 Free Software Foundation, Inc.

Copyright (C) 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2009 Free Software Foundation, Inc.

Copyright (C) 1997, 2000, 2001, 2003, 2004, 2005, 2006, 2008 Free Software Foundation, Inc.

Copyright (C) 1997, 1999, 2000, 2001, 2003, 2004, 2005, 2008 Free Software Foundation, Inc.

Copyright (C) 1996, 1998, 2000, 2001, 2002, 2003, 2004, 2005, 2008 Free Software Foundation, Inc.

Copyright (C) 1996, 1997, 2000, 2001, 2003, 2005, 2008 Free Software Foundation, Inc.

Copyright (C) 1996, 1997, 1999, 2000, 2002, 2003, 2004, 2005, 2006, 2008, 2009 Free Software Foundation, Inc. Originally by Fran,cois Pinard <pinard@iro.umontreal.ca>, 1996.

Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996

Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 Free Software Foundation, Inc. This is free software; see the source for copying conditions. There is NO warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2008, 2009 Free Software Foundation, Inc.

Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 Free Software Foundation, Inc. This file is free software; the Free Software Foundation gives unlimited permission to copy and/or distribute it, with or without modifications, as long as this notice is preserved.

Copyright (C) 1994, 1995, 1996, 1999, 2000, 2001, 2002, 2004, 2005, 2006, 2007, 2008, 2009 Free Software Foundation, Inc.

Copyright (C) 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 Free Software Foundation, Inc. This Makefile.in is free software; the Free Software Foundation gives unlimited permission to copy and/or distribute it, with or without modifications, as long as this notice is preserved.

Copyright (C) 1994 X Consortium

Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.

Copyright (C) 1992, 1993, 1994, 1995, 1996, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 Free Software Foundation, Inc.

Copyright (C) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 Free Software Foundation, Inc.

Copyright (C) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003 Free Software Foundation, Inc.

Copyright (C) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001 Free Software Foundation, Inc.

Copyright &copy; 1999-2006 Ross Bencina and Phil Burk

COPYRIGHT\_MASK 0x00000040 define KS\_DVD\_NOT\_COPYRIGHTED 0x00000000 define KS\_DVD\_COPYRIGHTED 0x00000040

COPYRIGHT 0x0000000BL // VT\_LPWSTR

(c) for c in ApiVer.split(".")]

(c) all begin with the string "--lt-" application programs are unlikely to have options which match this pattern).

(c) 1997-1999 Steinberg Soft und harware GmbH. Bencina, Burk 2001] Ross bencina, Phil Burk “PortAudio : an Open Source Cross Platform Audio API” Proceedings of the International Computer Music Conference 2001, International Computer Music Association, San Francisco. Letz 2001] Stephane Letz “Porting PortAudio API on ASIO” GRAME - Computer Music Research Lab. Technical Note - 01-11-06

(c) 1997-1999 Steinberg Soft und harware GmbH. Bencina, Burk 2001] Ross bencina, Phil Burk “PortAudio : an Open Source Cross Platform Audio API” Proceedings of the International Computer Music Conference 2001, International Computer Music Association, San Francisco. Letz 2001] Stephane Letz “Callback adapdation techniques” GRAME - Computer Music Research Lab. Technical Note - 01-11-07

(C) 2002 Phil Burk, SoftSynth.com, All Rights Reserved

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