

CIMPLICITY

Open Source Software List

(for Version 11)

In accordance with certain software license terms, the General Electric Company (“GE”) makes available the following software package installations. This code is provided to you on an “as is” basis, and GE makes no representations or warranties for the use of this code by you independent of any GE provided software or services.

Refer to the licenses and copyright notices files for each package for any specific license terms that apply to each software bundle, associated with this product release.

NOTE: These software package versions may change or be removed as needed for updates to this product.

Software Name & Version (by Component)	Company Link	License Name & Version	Copyright
A Simple XML Parser	www.drdoobbs.com/a-simple-xml-parser/184403668	MIT License	Copyright © 1999 Sebastien Andrivet
Active Template Library 11	https://docs.microsoft.com/en-us/cpp/atl/active-template-library-atl-concepts	Microsoft Limited Permissive License (MS-LPL)	Copyright © 2012 Microsoft Corporation
Apple Computer’s Software	www.apple.com	Apple MIT License	Copyright © 2006 by Apple Computer Inc.
Boost 1.71	https://www.boost.org/doc/libs/1_71_0/	Boost Software License	// Copyright Joe Coder 2004 - 2006.// Distributed under the Boost Software License, Version 1.0.// (See accompanying file LICENSE_1_0.txt or copy at// https://www.bo

Software Name & Version (by Component)	Company Link	License Name & Version	Copyright
			ost.org/LICENSE_1_0.txt)
Brotli	https://github.com/google/brotli	Brotli MIT License	Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors
Cfx	www.cfx.codeplex.com	Microsoft Public License	Copyright © Microsoft Corporation
Code Project – A .NET-like ReaderWriterLock Class in Native C++ v.1.0	www.codeproject.com/KB/thread/ReaderWriterLock.aspx	Code Project Open License 1.02	Copyright 2006 by Quynh Nguyen
Code Project - Adding Icons to the System Tray v.1.0	http://www.codeproject.com/KB/shell/systemtray.aspx	Code Project - Adding Icons to the System Tray v.1.0 Notice and Attribution License	Copyright 1998 by Chris Maunder
Code Project - CDirectoryChangeWatcher - ReadDirectoryChangesW all wrapped up v.1.0	http://www.codeproject.com/KB/files/directorychange_watcher.aspx	Code Project - CDirectoryChangeWatcher License	Copyright 2001 by Wes Jones
Code Project - Convert a "Hex String" to an Integer	http://www.codeproject.com/KB/string/hexstrtoint.aspx	Code Project Open License 1.02	Copyright 2001 by Anders Molin
Code Project - System File Association v.1.0	http://www.codeproject.com/KB/dotnet/System_File_Association.aspx	Code Project - System File Association License	Copyright © 2006 Brendan Grant
CodeGuru - Resizable CPropertySheet	http://www.codeguru.com/cpp/controls/propertysheet/sizing/article.php/c599/Resizable-CPropertySheet.htm	CodeGuru Permissions License	Copyright 2017 QuinStreet Inc.
Curl v.7.54.1	https://github.com/curl/curl/	Curl License	Copyright © 1996 – 2017 Daniel

Software Name & Version (by Component)	Company Link	License Name & Version	Copyright
			Stenberg and many contributors
C++ REST SDK 2.10.14-1	https://github.com/microsoft/cpprestsdk	C++ REST SDK MIT License	Copyright (c) Microsoft Corporation
Expat XML Parser – libexpat v2.2.9	http://www.libexpat.org/	Expat MIT License	Copyright © 1998-2000 Thai Open Source Software Center Ltd and Clark Cooper Copyright © 2001-2017 Expat maintainers
flex: the fast lexical analyser	http://sourceforge.net/projects/flex/	BSD 3-clause "New" or "Revised" License	Copyright © 2001, 2002, 2003, 2004, 2005, 2006, 2007 The Flex Project Copyright © 1990, 1997 The Regents of the University of California
HScrollListBox	https://github.com/time/enholdem/blob/master/hscroll-list-box/HScrollListBox.cpp	HScrollListBox License	Copyright © 2002, Nebula Technologies, Inc.
JSON.NET	http://json.codeplex.com/	JSON.NET MIT License	Copyright © 2007 James Newton-King
Jsoncpp 0.6.0-rc1	http://sourceforge.net/projects/jsoncpp/	JsonCpp MIT License	Copyright © 2007-2010 by Baptiste Lepilleur and The JsonCpp Authors
Libcurl 7.67.0	https://curl.haxx.se/libcurl/	Curl License	Copyright © 1996 – 2017 Daniel Stenberg and many contributors

Software Name & Version (by Component)	Company Link	License Name & Version	Copyright
Libpng 1.6.36	http://github.com/coapp-packages/libpng/	libpng License	Copyright © 2018-2019 Cosmin Truta Copyright © 1998-2018 Glenn Randers-Pehrson
libxml2	xmlsoft.org	LibXML MIT License	Copyright © 1998-2002 Daniel Veillard.
Microsoft Systems Journal MSJ-08-98 MSJ-01-98 MSJ-10-97	http://www.microsoft.com/ msj/default.aspx	Microsoft Systems Journal Sample Code License	© 1997, 1998 Microsoft Corporation
Microsoft Windows Installer	http://support.microsoft.co m/kb/893803	Microsoft Installer 3.1v2 Redistributable License	© 2005 Microsoft Corporation
MS Server 2003 Platform SDK MFC ATL CRT sample code	http://www.microsoft.com/ downloads/details.aspx?fa milyid=EBA0128F-A770- 45F1-86F3- 7AB010B398A3&displaylang =en	Microsoft Windows Server 2003 SP1 Platform SDK License	© 2005 Microsoft Corporation
MS Server 2003 Platform SDK Samples	http://www.microsoft.com/ downloads/details.aspx?fa milyid=EBA0128F-A770- 45F1-86F3- 7AB010B398A3&displaylang =en	Microsoft Windows Server 2003 SP1 Platform SDK License	© 2005 Microsoft Corporation
Open LDAP v.2.3.39	www.openldap.org	Open LDAP Public License v2.8	Copyright 1998- 2007 The OpenLDAP Foundation
OpenSSL – in C	www.openssl.org	OpenSSL Combined License	Copyright 1995- 2017 The OpenSSL Project Authors
ppmdither by Christos Zoulas	http://ftp- archive.freebsd.org/pub/Free BSD-Archive/old- releases/i386/1.0-	PPMDither License	Copyright © 1991 by Christos Zoulas.

Software Name & Version (by Component)	Company Link	License Name & Version	Copyright
	RELEASE/ports/pbmplus/ppm/ppmdither.c		
Protobuf v.2.5.0	http://code.google.com/p/protobuf/	BSD 3-clause "New" or "Revised" License	Copyright 2014, Google Inc.
unix-history-repo	http://github.com/dspinellis/unix-history-repo/	BSD 4-clause "Original" or "Old" License	Copyright 1979, 1980, 1983, 1986, 1988, 1989, 1991, 1992, 1993, 1994 The Regents of the University of California
Visual C++ Redistributable for Visual Studio	http://support.microsoft.com/kb/2019667	Microsoft Visual C++ 2012 Runtime Libraries License	©2012 Microsoft Corporation
WebSocket++	https://www.zaphoyd.com/websocketpp/	Websocketpp BSD	Copyright (c) 2014, Peter Thorson. All rights reserved.
Windows SDK for Windows Server 2008 and .NET Framework 3.5 v.6.0.6001.18000.367	http://msdn.microsoft.com/en-us/windowsserver/bb986638.aspx	Microsoft Windows SDK for Windows Server 2008 and .NET Framework 3.5 License	© 2008 Microsoft Corporation
xntp3	http://www.eecis.udel.edu/~mills/ntp/html/index.html	XNTP Historic Permission Notice and Disclaimer	Copyright © David L. Mills 1992, 1993, 1994, 1995, 1996

Software Name & Version (by Component)	Company Link	License Name & Version	Copyright
zlib v.1.2.5	www.zlib.net	zlib license	© 1995-2010 Jean-loup Gailly and Mark Adler

Open Source Software Licenses

Microsoft Limited Permissive License (Ms-LPL)

This license governs use of the accompanying software. If you use the software, you accept this license. If you do not accept the license, do not use the software.

1. Definitions

The terms “reproduce,” “reproduction,” “derivative works,” and “distribution” have the same meaning here as under U.S. copyright law.

A “contribution” is the original software, or any additions or changes to the software.

A “contributor” is any person that distributes its contribution under this license.

“Licensed patents” are a contributor’s patent claims that read directly on its contribution.

2. Grant of Rights

(A) Copyright Grant- Subject to the terms of this license, including the license conditions and limitations in section 3, each contributor grants you a non-exclusive, worldwide, royalty-free copyright license to reproduce its contribution, prepare derivative works of its contribution, and distribute its contribution or any derivative works that you create.

(B) Patent Grant- Subject to the terms of this license, including the license conditions and limitations in section 3, each contributor grants you a non-exclusive, worldwide, royalty-free license under its licensed patents to make, have made, use, sell, offer for sale, import, and/or otherwise dispose of its contribution in the software or derivative works of the contribution in the software.

3. Conditions and Limitations

(A) No Trademark License- This license does not grant you rights to use any contributors’ name, logo, or trademarks.

(B) If you bring a patent claim against any contributor over patents that you claim are infringed by the software, your patent license from such contributor to the software ends automatically.

(C) If you distribute any portion of the software, you must retain all copyright, patent, trademark, and attribution notices that are present in the software.

(D) If you distribute any portion of the software in source code form, you may do so only under this license by including a complete copy of this license with your distribution. If you distribute any portion of the software in compiled or object code form, you may only do so under a license that complies with this license.

(E) The software is licensed “as-is.” You bear the risk of using it. The contributors give no express warranties, guarantees or conditions. You may have additional consumer rights under your local laws which this license cannot change. To the extent permitted under your local laws, the contributors exclude the implied warranties of merchantability, fitness for a particular purpose and non-infringement.

(F) Platform Limitation- The licenses granted in sections 2(A) & 2(B) extend only to the software or derivative works that you create that run on a Microsoft Windows operating system product.

Apple MIT License

Copyright: Copyright (c) 2006 by Apple Computer, Inc., All Rights Reserved.

IMPORTANT: This Apple software is supplied to you by Apple Computer, Inc. ("Apple") in consideration of your agreement to the following terms, and your use, installation, modification or redistribution of this Apple software constitutes acceptance of these terms. If you do not agree with these terms, please do not use, install, modify or redistribute this Apple software.

In consideration of your agreement to abide by the following terms, and subject to these terms, Apple grants you a personal, non-exclusive license, under Apple's copyrights in this original Apple software (the "Apple Software"), to use, reproduce, modify and redistribute the Apple Software, with or without modifications, in source and/or binary forms; provided that if you redistribute the Apple Software in its entirety and without modifications, you must retain this notice and the following text and disclaimers in all such redistributions of the Apple Software. Neither the name, trademarks, service marks or logos of Apple Computer, Inc. may be used to endorse or promote products derived from the Apple Software without specific prior written permission from Apple. Except as expressly stated in this notice, no other rights or licenses, express or implied, are granted by Apple herein, including but not limited to any patent rights that may be infringed by your derivative works or by other works in which the Apple Software may be incorporated.

The Apple Software is provided by Apple on an "AS IS" basis. APPLE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, REGARDING THE APPLE SOFTWARE OR ITS USE AND OPERATION ALONE OR IN COMBINATION WITH YOUR PRODUCTS.

IN NO EVENT SHALL APPLE BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) ARISING IN ANY WAY OUT OF THE USE, REPRODUCTION, MODIFICATION AND/OR DISTRIBUTION OF THE APPLE SOFTWARE, HOWEVER CAUSED AND WHETHER UNDER THEORY OF CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, EVEN IF APPLE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The Code Project Open License (CPOL) 1.02

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CODE PROJECT OPEN LICENSE ("LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HEREIN, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. THE AUTHOR GRANTS YOU THE RIGHTS CONTAINED HEREIN IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS. IF YOU DO NOT AGREE TO ACCEPT AND BE BOUND BY THE TERMS OF THIS LICENSE, YOU CANNOT MAKE ANY USE OF THE WORK.

1. Definitions.

- a. **"Articles"** means, collectively, all articles written by Author which describes how the Source Code and Executable Files for the Work may be used by a user.
 - b. **"Author"** means the individual or entity that offers the Work under the terms of this License.
 - c. **"Derivative Work"** means a work based upon the Work or upon the Work and other pre-existing works.
 - d. **"Executable Files"** refer to the executables, binary files, configuration and any required data files included in the Work.
 - e. **"Publisher"** means the provider of the website, magazine, CD-ROM, DVD or other medium from or by which the Work is obtained by You.
 - f. **"Source Code"** refers to the collection of source code and configuration files used to create the Executable Files.
 - g. **"Standard Version"** refers to such a Work if it has not been modified, or has been modified in accordance with the consent of the Author, such consent being in the full discretion of the Author.
 - h. **"Work"** refers to the collection of files distributed by the Publisher, including the Source Code, Executable Files, binaries, data files, documentation, whitepapers and the Articles.
 - i. **"You"** is you, an individual or entity wishing to use the Work and exercise your rights under this License.
2. **Fair Use/Fair Use Rights.** Nothing in this License is intended to reduce, limit, or restrict any rights arising from fair use, fair dealing, first sale or other limitations on the exclusive rights of the copyright owner under copyright law or other applicable laws.
3. **License Grant.** Subject to the terms and conditions of this License, the Author hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below:
- a. You may use the standard version of the Source Code or Executable Files in Your own applications.
 - b. You may apply bug fixes, portability fixes and other modifications obtained from the Public Domain or from the Author. A Work modified in such a way shall still be considered the standard version and will be subject to this License.
 - c. You may otherwise modify Your copy of this Work (excluding the Articles) in any way to create a Derivative Work, provided that You insert a prominent notice in each changed file stating how, when and where You changed that file.
 - d. You may distribute the standard version of the Executable Files and Source Code or Derivative Work in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution.
 - e. The Articles discussing the Work published in any form by the author may not be distributed or republished without the Author's consent. The author retains copyright to any such Articles. You may use the Executable Files and Source Code pursuant to this License but you may not repost or republish or otherwise distribute or make available the Articles, without the prior written consent of the Author.

Any subroutines or modules supplied by You and linked into the Source Code or Executable Files of this Work shall not be considered part of this Work and will not be subject to the terms of this License.

4. **Patent License.** Subject to the terms and conditions of this License, each Author hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, import, and otherwise transfer the Work.
5. **Restrictions.** The license granted in Section 3 above is expressly made subject to and limited by the following restrictions:
 - a. You agree not to remove any of the original copyright, patent, trademark, and attribution notices and associated disclaimers that may appear in the Source Code or Executable Files.
 - b. You agree not to advertise or in any way imply that this Work is a product of Your own.
 - c. The name of the Author may not be used to endorse or promote products derived from the Work without the prior written consent of the Author.
 - d. You agree not to sell, lease, or rent any part of the Work. This does not restrict you from including the Work or any part of the Work inside a larger software distribution that itself is being sold. The Work by itself, though, cannot be sold, leased or rented.
 - e. You may distribute the Executable Files and Source Code only under the terms of this License, and You must include a copy of, or the Uniform Resource Identifier for, this License with every copy of the Executable Files or Source Code You distribute and ensure that anyone receiving such Executable Files and Source Code agrees that the terms of this License apply to such Executable Files and/or Source Code. You may not offer or impose any terms on the Work that alter or restrict the terms of this License or the recipients' exercise of the rights granted hereunder. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties. You may not distribute the Executable Files or Source Code with any technological measures that control access or use of the Work in a manner inconsistent with the terms of this License.
 - f. You agree not to use the Work for illegal, immoral or improper purposes, or on pages containing illegal, immoral or improper material. The Work is subject to applicable export laws. You agree to comply with all such laws and regulations that may apply to the Work after Your receipt of the Work.
6. **Representations, Warranties and Disclaimer.** THIS WORK IS PROVIDED "AS IS", "WHERE IS" AND "AS AVAILABLE", WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS OR GUARANTEES. YOU, THE USER, ASSUME ALL RISK IN ITS USE, INCLUDING COPYRIGHT INFRINGEMENT, PATENT INFRINGEMENT, SUITABILITY, ETC. AUTHOR EXPRESSLY DISCLAIMS ALL EXPRESS, IMPLIED OR STATUTORY WARRANTIES OR CONDITIONS, INCLUDING WITHOUT LIMITATION, WARRANTIES OR CONDITIONS OF MERCHANTABILITY, MERCHANTABLE QUALITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF TITLE OR NON-INFRINGEMENT, OR THAT THE WORK (OR ANY PORTION THEREOF) IS CORRECT, USEFUL, BUG-FREE OR FREE OF VIRUSES. YOU MUST PASS THIS DISCLAIMER ON WHENEVER YOU DISTRIBUTE THE WORK OR DERIVATIVE WORKS.
7. **Indemnity.** You agree to defend, indemnify and hold harmless the Author and the Publisher from and against any claims, suits, losses, damages, liabilities, costs, and expenses (including reasonable legal or attorneys' fees) resulting from or relating to any use of the Work by You.
8. **Limitation on Liability.** EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL THE AUTHOR OR THE PUBLISHER BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK OR OTHERWISE, EVEN IF THE AUTHOR OR THE PUBLISHER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
9. **Termination.**
 - a. This License and the rights granted hereunder will terminate automatically upon any breach by You of any term of this License. Individuals or entities who have received Derivative Works from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 6, 7, 8, 9, 10 and 11 will survive any termination of this License.
 - b. If You bring a copyright, trademark, patent or any other infringement claim against any contributor over infringements You claim are made by the Work, your License from such contributor to the Work ends automatically.
 - c. Subject to the above terms and conditions, this License is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, the Author reserves the right to release the Work under different license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.

10. **Publisher.** The parties hereby confirm that the Publisher shall not, under any circumstances, be responsible for and shall not have any liability in respect of the subject matter of this License. The Publisher makes no warranty whatsoever in connection with the Work and shall not be liable to You or any party on any legal theory for any damages whatsoever, including without limitation any general, special, incidental or consequential damages arising in connection to this license. The Publisher reserves the right to cease making the Work available to You at any time without notice

11. **Miscellaneous**

- a. This License shall be governed by the laws of the location of the head office of the Author or if the Author is an individual, the laws of location of the principal place of residence of the Author.
- b. If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this License, and without further action by the parties to this License, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.
- c. No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent.
- d. This License constitutes the entire agreement between the parties with respect to the Work licensed herein. There are no understandings, agreements or representations with respect to the Work not specified herein. The Author shall not be bound by any additional provisions that may appear in any communication from You. This License may not be modified without the mutual written agreement of the Author and You.

Code Project - Adding Icons to the System Tray v.1.0 Notice

Written by Chris Maunder (cmaunder@mail.com)

Copyright (c) 1998.

This code may be used in compiled form in any way you desire. This file may be redistributed unmodified by any means PROVIDING it is not sold for profit without the authors written consent, and providing that this notice and the authors name is included. If the source code in this file is used in any commercial application then acknowledgement must be made to the author of this file (in whatever form you wish).

This file is provided "as is" with no expressed or implied warranty.

Expect bugs.

Please use and enjoy. Please let me know of any bugs/mods/improvements that you have found/implemented and I will fix/incorporate them into this file.

Code Project - CDirectoryChangeWatcher Notice

*** COPYRIGHT NOTICE ****

Copyright 2001. Wes Jones (wesj@hotmail.com)

This code is free for use under the following conditions:

You may not claim authorship of this code.

You may not sell or distribute this code without author's permission.

You are not permitted to sell this code in it's compiled, non-compiled, executable, or any other form.

Executable code excepted in the case that it is not sold separately from an application which uses this it. This means you can use this code for your applications as you see fit, but this code may not be sold in any form to others for use in their applications.

This copyright notice may not be removed.

If this code was NOT obtained by downloading it from www.codeproject.com, or given to you by a friend or coworker, please tell me, & let me know how you got it. There a plenty of lazy bastards that collect source code from the internet, and then sell it as part of a 'Programmer's Library'. Using this code for such a purpose is strictly prohibited.

If you'd like to pay me to turn this into an ActiveX/COM object so you can use it in a Visual Basic application, feel free to contact me with an offer, and I will create it for you. Otherwise, here is the source code, and you may make your own ActiveX/COM object, providing that it is not sold separately.

No guarantees or warranties are expressed or implied.

This code may contain bugs.

Warning: May contain matter. If this should come into contact with anti-matter, a violent explosion may occur.

Code Project - System File Association License

Copyright (c) 2006, Brendan Grant (grantb@dahat.com)

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

All original and modified versions of this source code must include the above copyright notice, this list of conditions and the following disclaimer.

This code may not be used with or within any modules or code that is licensed in any way that that compels or requires users or modifiers to release their source code or changes as a requirement for the use, modification or distribution of binary, object or source code based on the licensed source code. (ex: Cannot be used with GPL code.)

The name of Brendan Grant may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY BRENDAN GRANT ``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 BRENDAN GRANT 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.

CodeGuru Permissions License

As you know, this site is a valuable resource for the developer community. Please note, however, that to avoid legal complications, we need to obtain your permission to use any computer code and any related materials ("resources") that you are providing to us. Accordingly, by submitting any such resource to CodeGuru, you grant to QuinStreet a nonexclusive, worldwide, perpetual license to reproduce, distribute, adapt, perform, display, and sublicense the submitted resource (in both object and source code formats, as well as on and off the Web), and you acknowledge that you have the authority to grant such rights to QuinStreet.

By submitting the resource, you also grant your article's readers the permission to use any source code in the resource for commercial or noncommercial software. PLEASE NOTE THAT YOU RETAIN OWNERSHIP OF ANY COPYRIGHTS IN ANY RESOURCES SUBMITTED!

ALSO, IN MAKING THE RESOURCE AVAILABLE TO OTHER SITE VISITORS FOR DOWNLOADING, QUINSTREET WILL INFORM SUCH OTHER VISITORS THAT, ALTHOUGH THEY MAY DOWNLOAD ANY RESOURCES FOR COMMERCIAL OR NONCOMMERCIAL USES, THEY MAY NOT REPUBLISH THE SOURCE CODE SO THAT IT IS ACCESSIBLE TO THE PUBLIC WITHOUT FIRST OBTAINING THE COPYRIGHT OWNER'S PERMISSION.

For CodeGuru's standard Legal Notices, Licensing, Reprints & Permissions, and Privacy Policy, see the links at the bottom of any CodeGuru page.

Curl License

COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1996 - 2017, Daniel Stenberg, <daniel@haxx.se>, and many contributors, see the THANKS file.

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", 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 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.

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 this Software without prior written authorization of the copyright holder.

Expat MIT License

Copyright (c) 1998-2000 Thai Open Source Software Center Ltd and Clark Cooper

Copyright (c) 2001-2017 Expat maintainers

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.

HSCrollListBox License

Copyright (c) 2002, Nebula Technologies, Inc.

www.nebutech.com

Nebula Technologies, Inc. grants you a royalty free license to use, modify and distribute this code provided that this copyright notice appears on all copies. This code is provided "AS IS," without a warranty of any kind.

JSON.NET MIT License

Copyright (c) 2007 James Newton-King

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.

JsonCPP MIT License

Copyright (c) 2007-2010 Baptiste Lepilleur

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.

BSD 3-clause “New” or “Revised” License

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 copyright holder 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.

libpng License

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE:

If you modify libpng you may insert additional notices immediately following this sentence.

This code is released under the libpng license.

libpng versions 1.0.7, July 1, 2000 through 1.6.26, October 20, 2016 are Copyright (c) 2000-2002, 2004, 2006-2016 Glenn Randers-Pehrson, are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors:

Simon-Pierre Cadieux
Eric S. Raymond
Mans Rullgard
Cosmin Truta
Gilles Vollant
James Yu

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

Some files in the "contrib" directory and some configure-generated files that are distributed with libpng have other copyright owners and are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:

Tom Lane
Glenn Randers-Pehrson
Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88, and are distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of Contributing Authors:

John Bowler
Kevin Bracey
Sam Bushell
Magnus Holmgren
Greg Roelofs
Tom Tanner

Some files in the "scripts" directory have other copyright owners but are released under this license.

libpng versions 0.5, May 1995, through 0.88, January 1996, are Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors" is defined as the following set of individuals:

Andreas Dilger
Dave Martindale
Guy Eric Schalnat

Paul Schmidt

Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors and Group 42, Inc. disclaim all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of fitness for any purpose. The Contributing Authors and Group 42, Inc. assume no liability for direct, indirect, incidental, special, exemplary, or consequential damages, which may result from the use of the PNG Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this source code, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this source code must not be misrepresented.
2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.
3. This Copyright notice may not be removed or altered from any source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without fee, and encourage the use of this source code as a component to supporting the PNG file format in commercial products. If you use this source code in a product, acknowledgment is not required but would be appreciated.

END OF COPYRIGHT NOTICE, DISCLAIMER, and LICENSE.

LibXML MIT License

Copyright (C) 1998-2002 Daniel Veillard. All Rights Reserved.

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 DANIEL VEILLARD 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.

Except as contained in this notice, the name of Daniel Veillard shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from him.

Microsoft Systems Journal Sample Code License

Microsoft grants to you a royalty-free right to use and modify the source code version and to reproduce and distribute the object code version of the sample code, icons, cursors, and bitmaps provided within the Sample Code bin/folder on the SOFTWARE ("Sample Code") provided that you:

distribute the Sample Code only in conjunction with and as a part of your software product that adds primary and significant functionality to the sample code;

do not use Microsoft's name, logo, or trademarks to market your software product; and

agree to indemnify, hold harmless, and defend Microsoft and its suppliers from and against any claims or lawsuits, including attorneys' fees, that arise or result from your distribution of your software product and

all Microsoft Systems Journal (MSJ) code used within your program(s) must be flagged:

Copyright {year of publication}, Microsoft Systems Journal.

MSJ does not make any representation or warranty, express or implied with respect to any code or other information herein.

MSJ disclaims any liability whatsoever for any use of such code or other information.

Microsoft Installer 3.1 v2 License

IMPORTANT—READ CAREFULLY: This End-User License Agreement (“EULA”) is a legal agreement between you (either an individual or a single entity) and Microsoft Corporation (“Microsoft”) for the Microsoft software that accompanies this EULA, which includes computer software and may include associated media, printed materials, “online” or electronic documentation, and Internet-based services (“Software”). An amendment or addendum to this EULA may accompany the Software. **YOU AGREE TO BE BOUND BY THE TERMS OF THIS EULA BY INSTALLING, COPYING, OR OTHERWISE USING THE SOFTWARE. IF YOU DO NOT AGREE, DO NOT INSTALL, COPY, OR USE THE SOFTWARE; YOU MAY RETURN IT TO YOUR PLACE OF PURCHASE (IF APPLICABLE) FOR A FULL REFUND.**

1. **GRANT OF LICENSE.** Microsoft grants you the following rights provided that you comply with all terms and conditions of this EULA: You may install and use the Software on a single computer solely for the purpose of designing, developing, and testing applications for use with Microsoft Windows 2000 Service Pack 3, Windows 2000 Service Pack 4, Windows XP, Windows XP Service Pack 1, Windows Server 2003 and Windows XP Service Pack 2. You may not use the Software to create files which are not compatible with the Microsoft Windows Installer file format.

1.1 **Documentation.** You may make and use an unlimited number of copies of any documentation, provided that such copies shall be used only for personal purposes and are not to be republished or distributed (either in hard copy or electronic form) beyond your premises.

1.2 **Storage/Network Use.** You may also store or install a copy of the Software on a storage device, such as a network server, used only to install or run the Software on computers used by a licensed end user in accordance with Section 1.1. A single license for the Software may not be shared or used concurrently by multiple end users.

2. **ADDITIONAL LICENSE RIGHTS -- REDISTRIBUTABLE CODE.** In addition to the rights granted in Section 1, certain portions of the Software, as described in this Section 2, are provided to you with additional license rights. These additional license rights are conditioned upon your compliance with the distribution requirements and license restrictions described in Section 3.

2.1 **Sample Code.** Microsoft grants you the right to: (a) use and modify the source code version of those portions of the Software identified as “Samples” in REDIST.TXT or elsewhere in the Software (“Sample Code”) for the sole purposes of designing, developing, and testing your Software(s), and (b) a limited, nonexclusive, royalty-free right to reproduce and distribute the Sample Code, along with any modifications thereof, in object and/or source code form. For applicable redistribution requirements for Sample Code, see Section 3 below.

2.2 **Redistributable Code.** Microsoft grants you a nonexclusive, royalty-free right to reproduce and distribute the object code form of any portion of the Software listed in REDIST.TXT (“Redistributable Code”). For general redistribution requirements for Redistributable Code, see Section 3, below.

3. **DISTRIBUTION REQUIREMENTS AND OTHER LICENSE RIGHTS AND LIMITATIONS.** If you choose to exercise your rights under Section 2, any redistribution by you is subject to your compliance with Section 3.

3.1 **General Distribution Requirements.**

(a) If you choose to redistribute Sample Code, or Redistributable Code (collectively, the “Redistributables”) as described in Section 2, you agree: **(i)** except as otherwise noted in Section 2.1 (Sample Code), to distribute the Redistributables only in object code form and in conjunction with and as a part of a software application product developed by you that adds significant and primary functionality to the Redistributables (“Licensee Software”); **(ii)** that the Redistributables only operate in conjunction with Microsoft Windows platforms and) the application does not allow the use of the Redistributables for files which are not compatible with the Microsoft Windows Installer; **(iii)** the library code in the LIB directory may only be redistributed when linked into your application; **(iv)** that if the Licensee Software is distributed beyond Licensee’s premises or externally from Licensee’s organization, to distribute the Licensee Software containing the Redistributables pursuant to an end user license agreement (which may be “break-the-seal”, “click-wrap” or signed), with terms no less protective than those contained in this EULA; **(v)** not to use Microsoft’s name, logo, or trademarks to market the Licensee Software; **(vi)** to display your own valid copyright notice which shall be sufficient to protect Microsoft’s copyright in the Software; **(vii)** not to remove or obscure any copyright, trademark or patent notices that

appear on the Software as delivered to you; **(viii)** to indemnify, hold harmless, and defend Microsoft from and against any claims or lawsuits, including attorney's fees, that arise or result from the use or distribution of the Licensee Software; **(ix)** to otherwise comply with the terms of this EULA; and **(x)** agree that Microsoft reserves all rights not expressly granted.

You also agree not to permit further distribution of the Redistributables by your end users *except* you may permit further redistribution of the Redistributables by your distributors to your end-user customers if your distributors only distribute the Redistributables in conjunction with, and as part of, the Licensee Software, you comply with all other terms of this EULA, and your distributors comply with all restrictions of this EULA that are applicable to you.

(b) If you use the Redistributables, then in addition to your compliance with the applicable distribution requirements described for the Redistributables, the following also applies. Your license rights to the Redistributables are conditioned upon your not (i) creating derivative works of the Redistributables in any manner that would cause the Redistributables in whole or in part to become subject to any of the terms of an Excluded License; or (ii) distributing the Redistributables (or derivative works thereof) in any manner that would cause the Redistributables to become subject to any of the terms of an Excluded License. An "Excluded License" is any license that requires as a condition of use, modification and/or distribution of software subject to the Excluded License, that such software or other software combined and/or distributed with such software be (x) disclosed or distributed in source code form; (y) licensed for the purpose of making derivative works; or (z) redistributable at no charge.

4. **RESERVATION OF RIGHTS AND OWNERSHIP.** Microsoft reserves all rights not expressly granted to you in this EULA. The Software is protected by copyright and other intellectual property laws and treaties. Microsoft or its suppliers own the title, copyright, and other intellectual property rights in the Software. **The Software is licensed, not sold.**

5. **LIMITATIONS ON REVERSE ENGINEERING, DECOMPILATION, AND DISASSEMBLY.** You may not reverse engineer, decompile, or disassemble the Software, except and only to the extent that such activity is expressly permitted by applicable law notwithstanding this limitation.

6. **NO RENTAL/COMMERCIAL HOSTING.** You may not rent, lease, lend or provide commercial hosting services with the Software.

7. **CONSENT TO USE OF DATA.** You agree that Microsoft and its affiliates may collect and use technical information gathered as part of the product support services provided to you, if any, related to the Software. Microsoft may use this information solely to improve our products or to provide customized services or technologies to you and will not disclose this information in a form that personally identifies you.

8. **LINKS TO THIRD PARTY SITES.** You may link to third party sites through the use of the Software. The third party sites are not under the control of Microsoft, and Microsoft is not responsible for the contents of any third party sites, any links contained in third party sites, or any changes or updates to third party sites. Microsoft is not responsible for webcasting or any other form of transmission received from any third party sites. Microsoft is providing these links to third party sites to you only as a convenience, and the inclusion of any link does not imply an endorsement by Microsoft of the third party site.

9. **ADDITIONAL SOFTWARE/SERVICES.** This EULA applies to updates, supplements, add-on components, or Internet-based services components, of the Software that Microsoft may provide to you or make available to you after the date you obtain your initial copy of the Software, unless we provide other terms along with the update, supplement, add-on component, or Internet-based services component. Microsoft reserves the right to discontinue any Internet-based services provided to you or made available to you through the use of the Software.

10. **NOT FOR RESALE SOFTWARE.** Software identified as "Not For Resale" or "NFR," may not be sold or otherwise transferred for value, or used for any purpose other than demonstration, test or evaluation.

11. **ACADEMIC EDITION SOFTWARE.** To use Software identified as "Academic Edition" or "AE," you must be a "Qualified Educational User." For qualification-related questions, please contact the Microsoft Sales Information Center/One Microsoft Way/Redmond, WA 98052-6399 or the Microsoft subsidiary serving your country.

12. **EXPORT RESTRICTIONS.** You acknowledge that the Software is subject to U.S. export jurisdiction. You agree to comply with all applicable international and national laws that apply to the Software, including the U.S. Export Administration Regulations, as well as end-user, end-use, and destination restrictions issued by U.S. and other governments. For additional information see <http://www.microsoft.com/exporting/>.

13. **SOFTWARE TRANSFER.** The initial user of the Software may make a one-time permanent transfer of this EULA and Software to another end user, provided the initial user retains no copies of the Software. This transfer must include all of the Software (including all component parts, the media and printed materials, any upgrades, this EULA, and, if applicable,

the Certificate of Authenticity). The transfer may not be an indirect transfer, such as a consignment. Prior to the transfer, the end user receiving the Software must agree to all the EULA terms.

14. **TERMINATION.** Without prejudice to any other rights, Microsoft may terminate this EULA if you fail to comply with the terms and conditions of this EULA. In such event, you must destroy all copies of the Software and all of its component parts.

15. **DISCLAIMER OF WARRANTIES.** Microsoft and its suppliers provide the Software and support services (if any) *AS IS AND WITH ALL FAULTS*, and hereby disclaim all other warranties and conditions, whether express, implied or statutory, including, but not limited to, any (if any) implied warranties, duties or conditions of merchantability, of fitness for a particular purpose, of reliability or availability, of accuracy or completeness of responses, of results, of workmanlike effort, of lack of viruses, and of lack of negligence, all with regard to the Software, and the provision of or failure to provide support or other services, information, software, and related content through the Software or otherwise arising out of the use of the Software. **ALSO, THERE IS NO WARRANTY OR CONDITION OF TITLE, QUIET ENJOYMENT, QUIET POSSESSION, CORRESPONDENCE TO DESCRIPTION OR NON-INFRINGEMENT WITH REGARD TO THE Software.**

16. **EXCLUSION OF INCIDENTAL, CONSEQUENTIAL AND CERTAIN OTHER DAMAGES.** TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL MICROSOFT OR ITS SUPPLIERS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, PUNITIVE, INDIRECT, OR CONSEQUENTIAL DAMAGES WHATSOEVER (INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFITS OR CONFIDENTIAL OR OTHER INFORMATION, FOR BUSINESS INTERRUPTION, FOR PERSONAL INJURY, FOR LOSS OF PRIVACY, FOR FAILURE TO MEET ANY DUTY INCLUDING OF GOOD FAITH OR OF REASONABLE CARE, FOR NEGLIGENCE, AND FOR ANY OTHER PECUNIARY OR OTHER LOSS WHATSOEVER) ARISING OUT OF OR IN ANY WAY RELATED TO THE USE OF OR INABILITY TO USE THE SOFTWARE, THE PROVISION OF OR FAILURE TO PROVIDE SUPPORT OR OTHER SERVICES, INFORMATION, SOFTWARE, AND RELATED CONTENT THROUGH THE SOFTWARE OR OTHERWISE ARISING OUT OF THE USE OF THE SOFTWARE, OR OTHERWISE UNDER OR IN CONNECTION WITH ANY PROVISION OF THIS EULA, EVEN IN THE EVENT OF THE FAULT, TORT (INCLUDING NEGLIGENCE), MISREPRESENTATION, STRICT LIABILITY, BREACH OF CONTRACT OR BREACH OF WARRANTY OF MICROSOFT OR ANY SUPPLIER, AND EVEN IF MICROSOFT OR ANY SUPPLIER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. **LIMITATION OF LIABILITY AND REMEDIES.** NOTWITHSTANDING ANY DAMAGES THAT YOU MIGHT INCUR FOR ANY REASON WHATSOEVER (INCLUDING, WITHOUT LIMITATION, ALL DAMAGES REFERENCED HEREIN AND ALL DIRECT OR GENERAL DAMAGES IN CONTRACT OR ANYTHING ELSE), THE ENTIRE LIABILITY OF MICROSOFT AND ANY OF ITS SUPPLIERS UNDER ANY PROVISION OF THIS EULA AND YOUR EXCLUSIVE REMEDY HEREUNDER (EXCEPT FOR ANY REMEDY OF REPAIR OR REPLACEMENT ELECTED BY MICROSOFT WITH RESPECT TO ANY BREACH OF THE LIMITED WARRANTY) SHALL BE LIMITED TO THE GREATER OF THE ACTUAL DAMAGES YOU INCUR IN REASONABLE RELIANCE ON THE Software UP TO THE AMOUNT ACTUALLY PAID BY YOU FOR THE Software OR US\$5.00. THE FOREGOING LIMITATIONS, EXCLUSIONS AND DISCLAIMERS (INCLUDING SECTIONS 15, 16 AND 17) SHALL APPLY TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, EVEN IF ANY REMEDY FAILS ITS ESSENTIAL PURPOSE.

18. **U.S. GOVERNMENT LICENSE RIGHTS.** All Software provided to the U.S. Government pursuant to solicitations issued on or after December 1, 1995 is provided with the commercial license rights and restrictions described elsewhere herein. All Software provided to the U.S. Government pursuant to solicitations issued prior to December 1, 1995 is provided with "Restricted Rights" as provided for in FAR, 48 CFR 52.227-14 (JUNE 1987) or DFAR, 48 CFR 252.227-7013 (OCT 1988), as applicable.

19. **APPLICABLE LAW.** If you acquired this Software in the United States, this EULA is governed by the laws of the State of Washington. If you acquired this Software in Canada, unless expressly prohibited by local law, this EULA is governed by the laws in force in the Province of Ontario, Canada; and, in respect of any dispute which may arise hereunder, you consent to the jurisdiction of the federal and provincial courts sitting in Toronto, Ontario. If you acquired this Software in the European Union, Iceland, Norway, or Switzerland, then local law applies. If you acquired this Software in any other country, then local law may apply.

20. **ENTIRE AGREEMENT; SEVERABILITY.** This EULA (including any addendum or amendment to this EULA which is included with the Software) are the entire agreement between you and Microsoft relating to the Software and the support services (if any) and they supersede all prior or contemporaneous oral or written communications, proposals and representations with respect to the Software or any other subject matter covered by this EULA. To the extent the terms of any Microsoft policies or programs for support services conflict with the terms of this EULA, the terms of this EULA shall control. If any provision of this EULA is held to be void, invalid, unenforceable or illegal, the other provisions shall continue in full force and effect.

Microsoft Windows Server 2001 SP1 Platform SDK License

MICROSOFT PLATFORM SOFTWARE DEVELOPMENT KIT FOR MICROSOFT WINDOWS SERVER 2003 SERVICE PACK 1

These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft:

- updates,
- supplements,
- Internet-based services, and
- support services

for this software, unless other terms accompany those items. If so, those terms apply.

By using this software, you accept these terms. If you do not accept them, do not use the software.

If you comply with these license terms, you have the rights below:

1. USE RIGHTS.

- a. Use. You may install the software on any number of devices to design, develop and test your programs that run on a Microsoft Windows operating system.
- b. Other Microsoft Programs. The software contains other Microsoft programs. The license terms with those programs apply to your use of them.
- c. Distributable Code. The software contains code that you are permitted to copy and distribute in programs you develop if you comply with the terms below.
 - i. Right to Use and Distribute. The code and text files listed below are "Distributable Code." You may:
 - REDIST.TXT Files. Copy and distribute the object code form of code listed in REDIST.TXT files;
 - Sample Code. Modify, copy and distribute the source and object code form of code marked as "sample" except for files identified as MFCs, ATLS and CRTs (see below);
 - MFCs, ATLS and CRTs. Modify the source code form of Microsoft Foundation Classes (MFCs), Active Template Libraries (ATLS), and C runtimes (CRTs) to design, develop and test your programs, and copy and distribute the object code form of your modified files under a new name; and
 - Third Party Distribution. Permit distributors of your programs to copy and distribute the Distributable Code as part of those programs.
 - ii. Distribution Requirements. For any Distributable Code you distribute, you must:
 - add significant primary functionality to it in your programs;
 - only invoke the software via interfaces described in the software documentation;
 - for any Distributable Code having a filename extension of .lib, distribute only the results of running such Distributable Code through a linker with your application;
 - distribute Distributable Code included in a setup program only as part of that setup program without modification;
 - require distributors and external end users to agree to terms that protect it at least as much as this agreement;
 - display your valid copyright notice on your programs;
 - for Distributable Code from the Windows Media Services SDK portions of the software, include in your program's Help-About box (or in another obvious place if there is no box) the following copyright notice: "Portions utilize Microsoft Windows Media Technologies. Copyright (c) 1999-2005 Microsoft Corporation. All Rights Reserved"; and
 - indemnify, defend, and hold harmless Microsoft from any claims, including attorneys' fees, related to the distribution or use of your programs.
 - iii. Distribution Restrictions. You may not:
 - alter any copyright, trademark or patent notice in the Distributable Code;
 - use Microsoft's trademarks in your programs' names or in a way that suggests your programs come from or are endorsed by Microsoft;
 - distribute Distributable Code to run on a platform other than the Windows platform;
 - include Distributable Code in malicious, deceptive or unlawful programs; or
 - modify or distribute the source code of any Distributable Code so that any part of it becomes subject to an Excluded License. An Excluded License is one that requires, as a condition of use, modification or distribution, that:
 - o the code be disclosed or distributed in source code form, or
 - o others have the right to modify it.

2. **TRANSFER.** The first user of the software may transfer it and this agreement directly to a third party. Before the transfer, that party must agree that this agreement applies to the transfer and use of the software. The first user must uninstall the software before transferring it separately from the device. The first user may not retain any copies.
3. **BACKUP COPY.** You may make one backup copy of the software. You may use it only to reinstall the software.
4. **DOCUMENTATION.** You may copy and use the documentation for your internal, reference purposes.
5. **EXPORT RESTRICTIONS.** The software is subject to United States export laws and regulations. You must comply with all domestic and international export laws and regulations that apply to the software. These laws include restrictions on destinations, end users and end use. For additional information, see www.microsoft.com/exporting.
6. **SUPPORT SERVICES.** Because this software is “as is,” we may not provide support services for it.
7. **SCOPE OF LICENSE.** The software is licensed, not sold. This agreement only gives you some rights to use the software. Microsoft reserves all other rights. Unless applicable law gives you more rights despite this limitation, you may use the software only as expressly permitted in this agreement. In doing so, you must comply with any technical limitations in the software that only allow you to use it in certain ways. You may not:
 - work around any technical limitations in the software,
 - reverse engineer, decompile or disassemble the software, except and only to the extent that applicable law expressly permits, despite this limitation,
 - make more copies of the software than specified in this agreement or allowed by applicable law, despite this limitation,
 - publish the software for others to copy,
 - rent, lease or lend the software, or
 - use the software for commercial software hosting services.
8. **ENTIRE AGREEMENT.** This agreement and the terms for supplements, updates, Internet-based services and support services that you use are the entire agreement for the software and support services.
9. **APPLICABLE LAW.**
 - a. **United States.** If you acquired the software in the United States, Washington state law governs the interpretation of this agreement and applies to claims for breach of it, regardless of conflict of laws principles. The laws of the state where you live govern all other claims, including claims under state consumer protection laws, unfair competition laws, and in tort.
 - b. **Outside the United States.** If you acquired the software in any other country, the laws of that country apply.
10. **LEGAL EFFECT.** This agreement describes certain legal rights. You may have other rights under the laws of your country. You may also have rights with respect to the party from whom you acquired the software. This agreement does not change your rights under the laws of your country if the laws of your country do not permit it to do so.
11. **DISCLAIMER OF WARRANTY.** The software is licensed “as-is”. You bear the risk of using it. Microsoft gives no express warranties, guarantees or conditions. You may have additional consumer rights under your local laws which this agreement cannot change. To the extent permitted under your local laws, Microsoft excludes the implied warranties of merchantability, fitness for a particular purpose and non-infringement.
12. **LIMITATION ON AND EXCLUSION OF REMEDIES AND DAMAGES.** You can recover from Microsoft and its suppliers only direct damages up to U.S. \$5.00. You cannot recover any other damages, including consequential, lost profits, special, indirect or incidental damages. This limitation applies to:
 - anything related to the software, services, content (including code) on third party Internet sites, or third party programs, and
 - claims for breach of contract, breach of warranty, guarantee or condition, strict liability, negligence, or other tort to the extent permitted by applicable law.It also applies even if Microsoft knew or should have known about the possibility of the damages. The above limitation or exclusion may not apply to you because your country may not allow the exclusion or limitation of incidental, consequential or other damages.

Microsoft Public License (Ms-PL)

This license governs use of the accompanying software. If you use the software, you accept this license. If you do not accept the license, do not use the software.

1. Definitions

The terms "reproduce," "reproduction," "derivative works," and "distribution" have the same meaning here as under U.S. copyright law.

A "contribution" is the original software, or any additions or changes to the software.

A "contributor" is any person that distributes its contribution under this license.

"Licensed patents" are a contributor's patent claims that read directly on its contribution.

2. Grant of Rights

(A) Copyright Grant- Subject to the terms of this license, including the license conditions and limitations in section 3, each contributor grants you a non-exclusive, worldwide, royalty-free copyright license to reproduce its contribution, prepare derivative works of its contribution, and distribute its contribution or any derivative works that you create.

(B) Patent Grant- Subject to the terms of this license, including the license conditions and limitations in section 3, each contributor grants you a non-exclusive, worldwide, royalty-free license under its licensed patents to make, have made, use, sell, offer for sale, import, and/or otherwise dispose of its contribution in the software or derivative works of the contribution in the software.

3. Conditions and Limitations

(A) No Trademark License- This license does not grant you rights to use any contributors' name, logo, or trademarks.

(B) If you bring a patent claim against any contributor over patents that you claim are infringed by the software, your patent license from such contributor to the software ends automatically.

(C) If you distribute any portion of the software, you must retain all copyright, patent, trademark, and attribution notices that are present in the software.

(D) If you distribute any portion of the software in source code form, you may do so only under this license by including a complete copy of this license with your distribution. If you distribute any portion of the software in compiled or object code form, you may only do so under a license that complies with this license.

(E) The software is licensed "as-is." You bear the risk of using it. The contributors give no express warranties, guarantees or conditions. You may have additional consumer rights under your local laws which this license cannot change. To the extent permitted under your local laws, the contributors exclude the implied warranties of merchantability, fitness for a particular purpose and non-infringement.

The OpenLDAP Public License Version 2.8, 17 August 2003

Redistribution and use of this software and associated documentation ("Software"), with or without modification, are permitted provided that the following conditions are met:

1. Redistributions in source form must retain copyright statements and notices,
2. Redistributions in binary form must reproduce applicable copyright statements and notices, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution, and
3. Redistributions must contain a verbatim copy of this document.

The OpenLDAP Foundation may revise this license from time to time. Each revision is distinguished by a version number. You may use this Software under terms of this license revision or under the terms of any subsequent revision of the license.

THIS SOFTWARE IS PROVIDED BY THE OPENLDAP FOUNDATION AND ITS CONTRIBUTORS ``AS IS'' AND ANY EXPRESSED 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 OPENLDAP FOUNDATION, ITS CONTRIBUTORS, OR THE AUTHOR(S) OR OWNER(S) OF THE SOFTWARE 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.

The names of the authors and copyright holders must not be used in advertising or otherwise to promote the sale, use or other dealing in this Software without specific, written prior permission. Title to copyright in this Software shall at all times remain with copyright holders.

OpenLDAP is a registered trademark of the OpenLDAP Foundation.

Copyright 1999-2003 The OpenLDAP Foundation, Redwood City, California, USA. All Rights Reserved. Permission to copy and distribute verbatim copies of this document is granted.

OpenSSL Combined License

The OpenSSL toolkit stays under a double license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit. See below for the actual license texts.

OpenSSL License

Copyright (c) 1998-2017 The OpenSSL Project. 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. All advertising materials mentioning features or use of this software must display the following acknowledgment: "This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)"
4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact openssl-core@openssl.org.
5. Products derived from this software may not be called "OpenSSL" nor may "OpenSSL" appear in their names without prior written permission of the OpenSSL Project.
6. Redistributions of any form whatsoever must retain the following acknowledgment: "This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)"

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS" AND ANY EXPRESSED 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 OpenSSL PROJECT OR ITS 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.

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com).

Original SSLeay License

Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)

All rights reserved.

This package is an SSL implementation written by Eric Young (eay@cryptsoft.com). The implementation was written so as to conform with Netscapes SSL.

This library is free for commercial and non-commercial use as long as the following conditions are adhered to. The following conditions apply to all code found in this distribution, be it the RC4, RSA, lhash, DES, etc., code; not just the SSL code. The SSL documentation included with this distribution is covered by the same copyright terms except that the holder is Tim Hudson (tjh@cryptsoft.com).

Copyright remains Eric Young's, and as such any Copyright notices in the code are not to be removed. If this package is used in a product, Eric Young should be given attribution as the author of the parts of the library used. This can be in the form of a textual message at program startup or in documentation (online or textual) provided with the package.

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 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. All advertising materials mentioning features or use of this software must display the following acknowledgement: "This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)" The word 'cryptographic' can be left out if the routines from the library being used are not cryptographic related :-).
4. If you include any Windows specific code (or a derivative thereof) from the apps directory (application code) you must include an acknowledgement: "This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

THIS SOFTWARE IS PROVIDED BY ERIC YOUNG "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.

The licence and distribution terms for any publically available version or derivative of this code cannot be changed. i.e. this code cannot simply be copied and put under another distribution licence [including the GNU Public Licence.]

PPMDither License

Copyright © 1991 by Christos Zoulas.

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. This software is provided "as is" without express or implied warranty.

BSD 4-clause "Original" or "Old" License

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. All advertising materials mentioning features or use of this software must display the following acknowledgement:

This product includes software developed by the the organization .

4. Neither the name of the copyright holder 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 COPYRIGHT HOLDER "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 COPYRIGHT HOLDER 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.

MICROSOFT VISUAL C++ 2012 RUNTIME LIBRARIES License

These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft

- ☒ updates,
- ☒ supplements,
- ☒ Internet-based services, and
- ☒ support services

for this software, unless other terms accompany those items. If so, those terms apply.

By using the software, you accept these terms. If you do not accept them, do not use the software.

If you comply with these license terms, you have the perpetual rights below.

1. **INSTALLATION AND USE RIGHTS. You may install and use any number of copies of the software on your devices.**
2. **SCOPE OF LICENSE. The software is licensed, not sold. This agreement only gives you some rights to use the software. Microsoft reserves all other rights. Unless applicable law gives you more rights despite this limitation, you may use the software only as expressly permitted in this agreement. In doing so, you must comply with any technical limitations in the software that only allow you to use it in certain ways. You may not**
 - ☒ disclose the results of any benchmark tests of the software to any third party without Microsoft's prior written approval;
 - ☒ work around any technical limitations in the software;
 - ☒ reverse engineer, decompile or disassemble the software, except and only to the extent that applicable law expressly permits, despite this limitation;
 - ☒ make more copies of the software than specified in this agreement or allowed by applicable law, despite this limitation;
 - ☒ publish the software for others to copy;
 - ☒ rent, lease or lend the software;
 - ☒ transfer the software or this agreement to any third party; or
 - ☒ use the software for commercial software hosting services.

3. **BACKUP COPY.** You may make one backup copy of the software. You may use it only to reinstall the software.
4. **DOCUMENTATION.** Any person that has valid access to your computer or internal network may copy and use the documentation for your internal, reference purposes.
5. **EXPORT RESTRICTIONS.** The software is subject to United States export laws and regulations. You must comply with all domestic and international export laws and regulations that apply to the software. These laws include restrictions on destinations, end users and end use. For additional information, see www.microsoft.com/exporting.
6. **SUPPORT SERVICES.** Because this software is “as is,” we may not provide support services for it.
7. **ENTIRE AGREEMENT.** This agreement, and the terms for supplements, updates, Internet-based services and support services that you use, are the entire agreement for the software and support services.
8. **APPLICABLE LAW.**
 - a. **United States.** If you acquired the software in the United States, Washington state law governs the interpretation of this agreement and applies to claims for breach of it, regardless of conflict of laws principles. The laws of the state where you live govern all other claims, including claims under state consumer protection laws, unfair competition laws, and in tort.
 - b. **Outside the United States.** If you acquired the software in any other country, the laws of that country apply.
9. **LEGAL EFFECT.** This agreement describes certain legal rights. You may have other rights under the laws of your country. You may also have rights with respect to the party from whom you acquired the software. This agreement does not change your rights under the laws of your country if the laws of your country do not permit it to do so.
10. **DISCLAIMER OF WARRANTY.** The software is licensed “as-is.” You bear the risk of using it. Microsoft gives no express warranties, guarantees or conditions. You may have additional consumer rights or statutory guarantees under your local laws which this agreement cannot change. To the extent permitted under your local laws, Microsoft excludes the implied warranties of merchantability, fitness for a particular purpose and non-infringement.

FOR AUSTRALIA - You have statutory guarantees under the Australian Consumer Law and nothing in these terms is intended to affect those rights.
11. **LIMITATION ON AND EXCLUSION OF REMEDIES AND DAMAGES.** You can recover from Microsoft and its suppliers only direct damages up to U.S. \$5.00. You cannot recover any other damages, including consequential, lost profits, special, indirect or incidental damages.

This limitation applies to

- anything related to the software, services, content (including code) on third party Internet sites, or third party programs; and
- claims for breach of contract, breach of warranty, guarantee or condition, strict liability, negligence, or other tort to the extent permitted by applicable law.

It also applies even if Microsoft knew or should have known about the possibility of the damages. The above limitation or exclusion may not apply to you because your country may not allow the exclusion or limitation of incidental, consequential or other damages.

Microsoft Windows SDK for Windows Server 2008 and .NET Framework 3.5 License

These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft

- ☐ updates,
- ☐ supplements,
- ☐ Internet-based services, and
- ☐ support services

for this software, unless other terms accompany those items. If so, those terms apply.

BY USING THE SOFTWARE, YOU ACCEPT THESE TERMS. IF YOU DO NOT ACCEPT THEM, DO NOT USE THE SOFTWARE.

If you comply with these license terms, you have the rights below.

1. INSTALLATION AND USE RIGHTS.

- a. **Installation and Use.** One user may install and use any number of copies of the software on your devices to design, develop and test your programs that run on a Microsoft Windows operating system.
- b. **Included Microsoft Programs.** The software contains other Microsoft programs. These license terms apply to your use of those programs.

2. ADDITIONAL LICENSING REQUIREMENTS AND/OR USE RIGHTS.

- a. **Distributable Code.** The software contains code that you are permitted to distribute in programs you develop if you comply with the terms below.
 - i. **Right to Use and Distribute.** The code and text files listed below are “Distributable Code.”
 - ☐ **REDIST.TXT Files.** You may copy and distribute the object code form of code listed in REDIST.TXT files.
 - ☐ **Sample Code.** You may modify, copy, and distribute the source and object code form of code marked as “sample.”
 - ☐ **Microsoft Merge Modules.** You may copy and distribute the unmodified output of Microsoft Merge Modules.
 - ☐ **Third Party Distribution.** You may permit distributors of your programs to copy and distribute the Distributable Code as part of those programs.
 - ii. **Distribution Requirements.** For any Distributable Code you distribute, you must
 - ☐ add significant primary functionality to it in your programs;
 - ☐ for any Distributable Code having a filename extension of .lib, distribute only the results of running such Distributable Code through a linker with your application;
 - ☐ distribute Distributable Code included in a setup program only as part of that setup program without modification;
 - ☐ require distributors and external end users to agree to terms that protect it at least as much as this agreement;
 - ☐ display your valid copyright notice on your programs;
 - ☐ for Distributable Code from the Windows Media Services SDK portions of the software, include in your program’s Help-About box (or in another obvious place if there is no box) the following copyright notice: “Portions utilize Microsoft Windows Media Technologies. Copyright (c) 2006 Microsoft Corporation. All Rights Reserved”; and

- ☒ indemnify, defend, and hold harmless Microsoft from any claims, including attorneys' fees, related to the distribution or use of your programs.

iii. Distribution Restrictions. You may not

- ☒ alter any copyright, trademark or patent notice in the Distributable Code;
- ☒ use Microsoft's trademarks in your programs' names or in a way that suggests your programs come from or are endorsed by Microsoft;
- ☒ include Distributable Code in malicious, deceptive or unlawful programs; or
- ☒ modify or distribute the source code of any Distributable Code so that any part of it becomes subject to an Excluded License. An Excluded License is one that requires, as a condition of use, modification or distribution, that
 - ☒ the code be disclosed or distributed in source code form; or
 - ☒ others have the right to modify it.

b. Additional Functionality. Microsoft may provide additional functionality for the software. Other license terms and fees may apply.

- 3. INTERNET-BASED SERVICES.** Microsoft provides Internet-based services with the software. It may change or cancel them at any time. You may not use this service in any way that could harm it or impair anyone else's use of it. You may not use the service to try to gain unauthorized access to any service, data, account or network by any means.
- 4. MICROSOFT .NET BENCHMARK TESTING.** The software includes one or more components of the .NET Framework 3.5 ("NET Components"). You may conduct internal benchmark testing of those components. You may disclose the results of any benchmark test of those components, provided that you comply with the conditions set forth at <http://go.microsoft.com/fwlink/?LinkID=66406>. Notwithstanding any other agreement you may have with Microsoft, if you disclose such benchmark test results, Microsoft shall have the right to disclose the results of benchmark tests it conducts of your products that compete with the applicable .NET Component, provided it complies with the same conditions set forth at <http://go.microsoft.com/fwlink/?LinkID=66406>.
- 5. SCOPE OF LICENSE.** The software is licensed, not sold. This agreement only gives you some rights to use the software. Microsoft reserves all other rights. Unless applicable law gives you more rights despite this limitation, you may use the software only as expressly permitted in this agreement. In doing so, you must comply with any technical limitations in the software that only allow you to use it in certain ways. For more information, see www.microsoft.com/licensing/userights <<http://www.microsoft.com/licensing/userights>>. You may not
 - ☒ work around any technical limitations in the software;
 - ☒ reverse engineer, decompile or disassemble the software, except and only to the extent that applicable law expressly permits, despite this limitation;
 - ☒ make more copies of the software than specified in this agreement or allowed by applicable law, despite this limitation;
 - ☒ publish the software for others to copy;
 - ☒ rent, lease or lend the software; or
 - ☒ use the software for commercial software hosting services.
- 6. CODE GENERATION AND OPTIMIZATION TOOLS.** You may not use the code generation or optimization tools in the software (such as compilers, linkers, assemblers, runtime code generators, and code generating design and modeling tools) to create programs, object code, libraries, assemblies, or executables to run on a platform other than Microsoft operating systems, run-time technologies, or application platforms.
- 7. BACKUP COPY.** You may make one backup copy of the software. You may use it only to reinstall the software.
- 8. DOCUMENTATION.** Any person that has valid access to your computer or internal network may copy and use the documentation for your internal, reference purposes.

9. TRANSFER TO A THIRD PARTY. The first user of the software may transfer it, and this agreement, directly to a third party. Before the transfer, that party must agree that this agreement applies to the transfer and use of the software. The first user must uninstall the software before transferring it separately from the device. The first user may not retain any copies.

10. EXPORT RESTRICTIONS. The software is subject to United States export laws and regulations. You must comply with all domestic and international export laws and regulations that apply to the software. These laws include restrictions on destinations, end users and end use. For additional information, see www.microsoft.com/exporting <<http://www.microsoft.com/exporting>>.

11. SUPPORT SERVICES. Because this software is “as is,” we may not provide support services for it.

12. ENTIRE AGREEMENT. This agreement, and the terms for supplements, updates, Internet-based services and support services that you use, are the entire agreement for the software and support services.

13. APPLICABLE LAW.

a. United States. If you acquired the software in the United States, Washington state law governs the interpretation of this agreement and applies to claims for breach of it, regardless of conflict of laws principles. The laws of the state where you live govern all other claims, including claims under state consumer protection laws, unfair competition laws, and in tort.

b. Outside the United States. If you acquired the software in any other country, the laws of that country apply.

14. LEGAL EFFECT. This agreement describes certain legal rights. You may have other rights under the laws of your country. You may also have rights with respect to the party from whom you acquired the software. This agreement does not change your rights under the laws of your country if the laws of your country do not permit it to do so.

15. DISCLAIMER OF WARRANTY. THE SOFTWARE IS LICENSED “AS-IS.” YOU BEAR THE RISK OF USING IT. MICROSOFT GIVES NO EXPRESS WARRANTIES, GUARANTEES OR CONDITIONS. YOU MAY HAVE ADDITIONAL CONSUMER RIGHTS UNDER YOUR LOCAL LAWS WHICH THIS AGREEMENT CANNOT CHANGE. TO THE EXTENT PERMITTED UNDER YOUR LOCAL LAWS, MICROSOFT EXCLUDES THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT.

16. LIMITATION ON AND EXCLUSION OF REMEDIES AND DAMAGES. YOU CAN RECOVER FROM MICROSOFT AND ITS SUPPLIERS ONLY DIRECT DAMAGES UP TO U.S. \$5.00. YOU CANNOT RECOVER ANY OTHER DAMAGES, INCLUDING CONSEQUENTIAL, LOST PROFITS, SPECIAL, INDIRECT OR INCIDENTAL DAMAGES.

This limitation applies to

- anything related to the software, services, content (including code) on third party Internet sites, or third party programs; and
- claims for breach of contract, breach of warranty, guarantee or condition, strict liability, negligence, or other tort to the extent permitted by applicable law.

It also applies even if Microsoft knew or should have known about the possibility of the damages. The above limitation or exclusion may not apply to you because your country may not allow the exclusion or limitation of incidental, consequential or other damages.

XNTP Historic Permission Notice and Disclaimer

Copyright (c) David L. Mills 1992, 1993, 1994, 1995, 1996

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appears in all copies and that both the copyright notice and this permission notice appear in supporting documentation, and that the name University of Delaware not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. The University of Delaware makes no representations about the suitability this software for any purpose. It is provided "as is" without express or implied warranty.

zlib License

(C) 1995-2010 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.

C++ REST SDK ,

The MIT License (MIT)

Copyright (c) Microsoft Corporation

All rights reserved.

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.

Boost Software License - Version 1.0 - August 17th, 2003
Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following: The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Websocketpp License <https://github.com/zaphoyd/websocketpp/blob/master/COPYING>

Main Library: Copyright (c) 2014, Peter Thorson. 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 the WebSocket++ Project 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 PETER THORSON 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.

Bundled Libraries: *****
Base 64 Library (base64/base64.hpp) ***** base64.hpp is a repackaging of the base64.cpp and base64.h files into a single header suitable for use as a header only library. This conversion was done by Peter Thorson (webmaster@zaphoyd.com) in 2012. All modifications to the code are redistributed under the same license as the original, which is listed below.

base64.cpp and base64.h Copyright (C) 2004-2008 René Nyffenegger This source code 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 source code must not be misrepresented; you must not claim that you wrote the original source code. If you use this source code 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 source code. 3. This notice may not be removed or altered from any source distribution.

René Nyffenegger
rene.nyffenegger@adp-gmbh.ch ***** SHA1 Library (sha1/sha1.hpp) ***** sha1.hpp is a repackaging of the sha1.cpp and sha1.h files from the shallsha1 library (<http://code.google.com/p/smallsha1/>) into a single header suitable for use as a header only library. This conversion was done by Peter Thorson (webmaster@zaphoyd.com) in 2013. All modifications to the code are redistributed under the same license as the original, which is listed below.

Copyright (c) 2011, Micael Hildenborg 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 Micael Hildenborg 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 Micael Hildenborg '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 Micael Hildenborg 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.***** MD5 Library (common/md5.hpp) *****md5.hpp is a reformulation of the md5.h and md5.c code from <http://www.opensource.apple.com/source/cups/cups-59/cups/md5.c> to allow it to function as a component of a header only library. This conversion was done by Peter Thorson (webmaster@zaphoyd.com) in 2012 for the WebSocket++ project. The changes are released under the same license as the original (listed below) Copyright (C) 1999, 2002 Aladdin Enterprises. All rights reserved. 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. L. Peter Deutsch ghost@aladdin.com ***** UTF8 Validation logic (utf8_validation.hpp) *****utf8_validation.hpp is adapted from code originally written by Bjoern Hoehrmann <bjoern@hoehrmann.de>. See <http://bjoern.hoehrmann.de/utf-8/decoder/dfa/> for details. The original license: Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de> 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 right 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.

Brotli MIT License

Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors. 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 right 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.