

Release Notes

MultiTerm 2021 SR2

October 2021

Legal notice

Copyright and trademark information relating to this product release.

Copyright © 2000–2020 SDL as part of the RWS Holdings Plc group of companies ("RWS Group").

SDL means SDL Limited and its subsidiaries and affiliates. All intellectual property rights contained herein are the sole and exclusive rights of SDL. All references to SDL shall mean SDL Limited and its subsidiaries and affiliates details of which can be obtained upon written request.

All rights reserved. Unless explicitly stated otherwise, all intellectual property rights including those in copyright in the content of this website and documentation are owned by or controlled for these purposes by SDL. Except as otherwise expressly permitted hereunder or in accordance with copyright legislation, the content of this site, and/or the documentation may not be copied, reproduced, re-published, downloaded, posted, broadcast or transmitted in any way without the express written permission of SDL.

MultiTerm is a registered trademark of SDL. All other trademarks are the property of their respective owners. The names of other companies and products mentioned herein may be the trademarks of their respective owners. Unless stated to the contrary, no association with any other company or product is intended or should be inferred.

This product may include open source or similar third-party software, details of which can be found by clicking the following link: *"Acknowledgments"* on page 23 .

Although RWS Group takes all reasonable measures to provide accurate and comprehensive information about the product, this information is provided as-is and all warranties, conditions or other terms concerning the documentation whether express or implied by statute, common law or otherwise (including those relating to satisfactory quality and fitness for purposes) are excluded to the extent permitted by law.

To the maximum extent permitted by law, RWS Group shall not be liable in contract, tort (including negligence or breach of statutory duty) or otherwise for any loss, injury, claim liability or damage of any kind or arising out of, or in connection with, the use or performance of the Software Documentation even if such losses and/or damages were foreseen, foreseeable or known, for: (a) loss of, damage to or corruption of data, (b) economic loss, (c) loss of actual or anticipated profits, (d) loss of business revenue, (e) loss of anticipated savings, (f) loss of business, (g) loss of opportunity, (h) loss of goodwill, or (i) any indirect, special, incidental or consequential loss or damage howsoever caused.

All Third Party Software is licensed "as is." Licensor makes no warranties, express, implied, statutory or otherwise with respect to the Third Party Software, and expressly disclaims all implied warranties of non-infringement, merchantability and fitness for a particular purpose. **In no event will Licensor be liable for any damages, including loss of data, lost profits, cost of cover or other special, incidental, consequential, direct, actual, general or indirect damages arising from the use of the Third Party Software or accompanying materials, however caused and on any theory of liability. This limitation will apply even if Licensor has been advised of the possibility of such damage. The parties acknowledge that this is a reasonable allocation of risk.**

Information in this documentation, including any URL and other Internet website references, is subject to change without notice. Without limiting the rights under copyright, no part of this may be reproduced, stored in or introduced into a retrieval system, or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), or for any purpose, without the express written permission of RWS Group.

Contents

1	Product overview	1
2	Changes introduced in MultiTerm	3
3	Changes introduced in MultiTerm 2021 SR2	5
4	Resolved issues	7
5	Known issues	9
6	Compatibility	11
7	Installation	13
	Installation prerequisites	14
	Installing MultiTerm Desktop	15
	Installing MultiTerm Extract	15
8	Localization	17
9	Supported releases	19
10	Further information	21
	Help	22
	Customer support	22
11	Acknowledgments	23



Product overview

MultiTerm is a suite of terminology management applications that can be used stand-alone as well as in conjunction with Trados Studio.

MultiTerm offers a scalable solution covering all scenarios from Freelance to Enterprise with one product line. Whether you access your terminology via a desktop client or an Internet browser, MultiTerm enables you to manage everything from one location. Its integration with Trados Studio enables you to make sure that you are using consistent terminology while you create and translate content.

The MultiTerm product suite includes the following client components: MultiTerm Desktop, MultiTerm Widget and MultiTerm Convert. MultiTerm Extract is available separately, on request. The server components (MultiTerm Server, SDL MultiTerm Online and shared SDL server components) are included in Trados GroupShare .

For more information, see <http://www.sdl.com/cxc/language/terminology-management/>

SDL product names

Within the documentation, we refer to the following SDL products in short form:

- SDL MultiTerm Desktop – MultiTerm Desktop
- SDL MultiTerm Administrator – MultiTerm Administrator
- SDL MultiTerm Widget – MultiTerm Widget
- SDL MultiTerm Convert – MultiTerm Convert
- SDL MultiTerm Extract – MultiTerm Extract
- SDL Trados GroupShare – Trados GroupShare
- SDL MultiTerm Server – MultiTerm Server
- SDL Trados Studio – Trados Studio
- SDL Passolo – Passolo

2

Changes introduced in MultiTerm

This section provides an overview of the new features, enhancements and other changes added to MultiTerm.

3

Changes introduced in MultiTerm 2021 SR2

This update aims at completing the RWS rebranding, along with some fixed issues.

MultiTerm Rebranding

We have rebranded MultiTerm to reflect the integration of SDL into the RWS Group as well as the rebranding brought to its counterpart, Trados Studio. This updates the user interface with a new logo and a color scheme that is more accessibility compliant than the previous set. Additionally, you will find MultiTerm instead of SDL MultiTerm in the Windows Start menu. Other than that, all the MultiTerm functionality that you know and love remains unchanged.

Most notable areas that changed:

- The MultiTerm installer, metadata and documentation is now rebranded as RWS.
- The MultiTerm installer now features an updated EULA.



Resolved issues

MultiTerm 2021 SR2 contains all previous cumulative updates for MultiTerm 2021. In addition, the following issues are fixed with the MultiTerm 2021 SR2 release:

- CRQ- 6093: Editing a term in the **Default layout** using the **Hard Filter Mode** caused a merging between the edited term and next selected one, thus corrupting entries. This issue is now fixed.
- Fixed an issue that appeared on machines with high DPI, caused the text in the MultiTerm installer to appear small. The text now scales with DPI.



Known issues

This section lists the limitations associated with the 2021 release of MultiTerm.

OCR limitations

MultiTerm Widget uses optical character recognition techniques for capturing text from within images. These techniques use on a third-party library that does not currently provide sufficient support for right-to-left bidirectional languages such as Arabic or Hebrew.

Batch Edit limitations

Batch editing is only active when working with Trados GroupShare 2017 and Trados GroupShare 2020 termbases. There is a permission in Trados GroupShare 2017 and 2020 that dictates if the user can use Batch Edit functionality.

Default layout limitations

- There is no layout customization.
- The Default Layout is only available when working with Trados GroupShare 2017 and Trados GroupShare 2020 termbases.



Compatibility

This topic helps you understand how to use the modules in the RWS suite together.

Other MultiTerm versions

MultiTerm 2021 runs alongside any version of MultiTerm Desktop 2019. If you want to use an older version, close your 2021 version and then open the older version manually from the Start menu. RWS generally recommends that you use the latest version.

Trados Studio

You can use Trados Studio 2021 SR1 with MultiTerm Desktop 2021 SR1 and MultiTerm Desktop 2019.

MultiTerm 2021 is compatible with any version of MultiTerm Server 2017-2020, as part of the platform.

MultiTerm Extract

MultiTerm uses the common SDL Trados File Filter Framework. While MultiTerm Extract ships its own filter framework, RWS recommends that you always have the latest version of Trados Studio 2021 to profit from the most recent changes and additions.

In addition, if you work with projects where you directly access *.tmw files, make sure to also install the **SDL Trados Compatibility and Migration Power Pack** from the SDL AppStore.

MultiTerm Extract requires the Trados Compatibility and Migration Power Pack to access *.tmw files via the SDL Trados 2007 Suite API. You can install the compatibility pack from Trados Studio 2021 2021 and later > Add-Ins tab > SDL AppStore.

MultiTerm Widget

You can install MultiTerm Widget 2021 SR1 or 2019 on the same computer. All versions appear in the Start menu and the 2021 SR1 version is the default version.

Passolo

MultiTerm 2021 is compatible with the latest Cumulative Update release of Passolo 2018. For more information about what is available with this CU, see [Product Updates for SDL Passolo 2018](#).

Multimedia formats

The Default layout has the same support for multimedia formats as HTML 5 does.

The legacy layouts have an embedded Windows Media Player control for multimedia files and support is dependent on what codecs are installed on the computer.



Installation

This section contains general information on installing MultiTerm 2021 SR2 and the technical requirements for the installation.

For step-by-step instructions on how to install and maintain MultiTerm, see the [MultiTerm 2021 Installation Guide](#).

Installation prerequisites

Ensure that your system meets MultiTerm requirements.

Hardware

As a minimum requirement, we recommend an Intel or compatible CPU-based computer with 2 GB RAM and a screen resolution of 1280x1024. For optimum performance, we recommend 4 GB RAM and a recent Intel or compatible CPU.

Operating Systems

MultiTerm 2021 runs on the latest build of Windows 10, the latest updated version of Windows 8.1 and the latest service-packed version of Windows 7. MultiTerm 2021 also supports Windows Server 2016 and Windows Server 2012 R2.

Limited support for Windows 7

Microsoft has recently stopped support for Windows 7. As a result, we are no longer testing MultiTerm on Windows 7. However, MultiTerm continues to work on Windows 7 as we have not made any changes that could affect the MultiTerm functionality on this operating system.

Unsupported OS

MultiTerm 2021 does not support earlier operating systems such as Windows 8, Windows Vista, Windows XP and Windows 2003 Server.

Software

MultiTerm Convert requires Microsoft Excel 2007 or later for direct conversion of .XLS or .XLSX files to MultiTerm .XML. We recommend using Excel 2016 or 2019.

As a general rule, MultiTerm supports the latest and previous generation of any third-party product.

MultiTerm Help

The MultiTerm Help buttons are context sensitive and redirect to the online deliverable on the RWS Documentation Center. This means that to get access to the latest updated help for MultiTerm you need an Internet connection and one of the following Internet browsers installed:

- Microsoft Internet Explorer 10 or later
- Microsoft Edge
- Google Chrome (latest version)
- Mozilla Firefox (latest version)

- Safari 7 or later

If you need to consult the full product documentation in a location with no Internet access, you can download the WebHelp documentation deliverable, a ZIP file containing all the documentation as static Web pages.

To download the ZIP file, access the following link: [MultiTerm 2021 full documentation as WebHelp deliverable](#). Unpack this ZIP file in a location of your choosing and open `index.html` in an Internet browser.

Please note that the documentation may be subject to change after the product has been released. The live documentation resource at <https://docs.rws.com/MultiTerm> is always the most up-to-date resource.

Installing MultiTerm Desktop

You can download the MultiTerm installer from your [RWS Account](#).

Make sure that you have administrator rights and that you have no other software running while installing MultiTerm Desktop 2021 SR2.

You can find a full list of the software, including third-party software installed with MultiTerm in the [MultiTerm 2021 Installation Guide](#)

If you are upgrading servers, consult the GroupShare Console Help and browse to the section **Help for Server Upgrades**.

Microsoft .NET 4.8

The MultiTerm Desktop installers detect whether the required Microsoft .NET 4.8 version is available on your computer. If it is not, MultiTerm Desktop automatically downloads and installs it, then your installation resumes automatically. If the installation does not resume, double-click the Setup.exe to restart the installation. After installing Microsoft .NET, MultiTerm Desktop may ask you to restart your computer.

See <https://gateway.sdl.com> for the latest information on solving installation issues.

Installing MultiTerm Extract

MultiTerm Extract is not included in the MultiTerm Desktop 2021 SR2 installer because MultiTerm Extract is available as a separate purchase.

You can only install MultiTerm Extract on a computer where MultiTerm Desktop is already available.

8

Localization

The user interface and the Help for MultiTerm 2021 are available in the following languages:

- German
- French
- Spanish
- Japanese
- Simplified Chinese
- Italian (user interface only)
- Russian (user interface only)
- Korean (user interface only)



Supported releases

MultiTerm 2021 SR2 is the most recent **fully-supported** release of MultiTerm.

RWS continues to support MultiTerm 2019 until the next version of MultiTerm will be released.

Retired releases

Following the grace period after the release of MultiTerm 2021, MultiTerm 2017 has been moved to an End-of-Life state, along the following already retired versions: MultiTerm 2015, 2014, 2011 and 2009.

RWS does not provide technical assistance, issue service packs or hotfixes for retired releases.

For MultiTerm 2021, RWS will issue service releases as and when required.

10

Further information

Help

RWS offers its users several help resources.

MultiTerm Help

The Help for MultiTerm 2021 is available by selecting **Help tab > Help Topics** in MultiTerm. You can also go to <http://docs.rws.com/MultiTerm> to access the MultiTerm Help. Here you can find links to:

- Information on installing and upgrading to MultiTerm 2021.
- Videos and information on how to get started with MultiTerm
- Help topics about working with MultiTerm and terminology.

Trados Studio Help

If you want to see how to integrate terminology in your translation projects see the [Trados Studio Help](#).

GroupShare Help

If you are working with GroupShare server termbases, you may also find the [GroupShare 2020](#) Help useful.

Customer support

To contact Technical Support, connect to the Customer Support Web Portal at <https://gateway.sdl.com> and log a case for your RWS product. You need an account to log a case. If you do not have an account, contact your company's RWS Support Account Administrator.

11

Acknowledgments

MultiTerm includes open source or similar third-party software.

Crc32C.NET.signed

Version: 1.0.5

Vendor: Robert Važan

Copyright: Copyright (c) 2014-2020, Robert Važan

License type: BSD-3-Clause

License details: <https://github.com/robertvazan/crc32c.net/blob/master/LICENSE>

Microsoft.ApplicationInsights

Version: 2.12.1

Vendor: Microsoft

Copyright: Copyright (c) 2015 Microsoft

License type: MIT

License details: <https://github.com/microsoft/ApplicationInsights-dotnet/blob/2.12.1/LICENSE>

CommandLineParser

Version: 1.9.71

Vendor: Giacomo Stelluti Scala

Copyright: Copyright (c) 2005 - 2013 Giacomo Stelluti Scala

License type: MIT

License details: <https://github.com/commandlineparser/commandline/blob/v1.9.71.2/doc/LICENSE>

Microsoft.AspNet.WebApi.Client

Version: 5.2.7

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: Apache 2.0

License details: <https://github.com/aspnet/AspNetWebStack/blob/v3.2.7/LICENSE.txt>

Microsoft.AspNetCore.SignalR.Client

Version: 1.1.0

Vendor: Microsoft

Copyright: Copyright (c) .NET Foundation and Contributors

License type: Apache 2.0

License details: <https://github.com/aspnet/SignalR/blob/1.1.0/LICENSE.txt>

Microsoft.IdentityModel.Protocol.Extensions

Version: 1.0.4.403061554

Vendor: Microsoft

Copyright: Copyright (c) Microsoft Corporation

License type: MIT

License details:

<https://github.com/AzureAD/azure-activedirectory-identitymodel-extensions-for-dotnet/blob/dev/LICENSE.txt>

System.IdentityModel.Tokens.Jwt

Version: 6.11.1.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details:

<https://github.com/AzureAD/azure-activedirectory-identitymodel-extensions-for-dotnet/blob/dev/LICENSE.txt>

Microsoft.IdentityModel.Tokens

Version: 6.11.1.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details:

<https://github.com/AzureAD/azure-activedirectory-identitymodel-extensions-for-dotnet/blob/6.7.1/LICENSE.txt>

YamlDotNet

Version: 8.1.1.0

Vendor: Antoine Aubry

Copyright: Copyright (c) Antoine Aubry and contributors 2008 - 2019

License type: MIT

License details: <https://github.com/aaubry/YamlDotNet/blob/v8.1.2/LICENSE.txt>

NETStandard.Library

Version: 2.0.3

Vendor: Microsoft

Copyright: Copyright (c) .NET Foundation and Contributors

License type: MIT

License details: <https://github.com/dotnet/standard/blob/v2.0.3/LICENSE.TXT>

Autofac

Version: 4.8.1

Vendor: Autofac

Copyright: Copyright © 2015 Autofac Contributors

License type: MIT

License details: <https://github.com/autofac/Autofac/blob/v4.8.1/LICENSE>

HtmlAgilityPack

Version: 1.11.34.0

Vendor: ZZZ Projects

Copyright: Copyright © ZZZ Projects Inc.

License type: MIT

License details: <https://github.com/zzzprojects/html-agility-pack/blob/v1.11.16/LICENSE>

Xliff.OM

Version: 1.0.2

Vendor: RyanKi

Copyright: Copyright 2016 RyanKi

License type: MIT

License details: <https://github.com/microsoft/XLIFF2-Object-Model/blob/master/LICENSE.txt>

murmurhash-signed

Version: 1.0.3.0

Vendor: Darren Kopp

Copyright: Copyright 2013 Darren Kopp

License type: Apache 2.0

License details: <https://github.com/darrenkopp/murmurhash-net/blob/master/LICENSE.md>

System.IO.Abstractions

Version: 13.2.38.0

Vendor: Tatham Oddie

Copyright: Copyright © Tatham Oddie 2010

License type: MIT

License details:

<https://github.com/System-IO-Abstractions/System.IO.Abstractions/blob/v4.2.17/LICENSE>

Flee

Version: 1.2.2

Vendor: Muhammet Parlak

Copyright: Copyright 2017 Muhammet Parlak

License type: L-GPL

License details: <https://github.com/mparlak/Flee>

PowerCollections

Version: 1.0.0.0

Vendor: Wintellect

Copyright: Copyright 2015 Wintellect

License type: EPL

License details: <https://www.nuget.org/packages/Stakata.Wintellect.PowerCollections/1.0.4/License>

ANTLR 3 Runtime

Version: 3.1.3

Vendor: Terence Parr

Copyright: Copyright (c) 2011 The ANTLR Project

License type: BSD

License details: <https://github.com/antlr/antlr3/blob/master/LICENSE.txt>

CachedImage

Version: 0.1.8

Vendor: Haridas Pachuveetil

Copyright: Copyright (c) 2014 Haridas Pachuveetil

License type: MIT

License details: <https://github.com/floydpink/CachedImage/blob/main/LICENSE>

Microsoft.AspNetCore.JsonPatch

Version: 5.0.7

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: Apache 2.0

License details: <https://github.com/dotnet/aspnetcore/blob/1.1.1/LICENSE.txt>

Microsoft.Extensions.DependencyInjection.Abstractions

Version: 5.0.0.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details:
<https://github.com/dotnet/extensions/blob/9bc79b2f25a3724376d7af19617c33749a30ea3a/LICENSE.txt>

Microsoft.Extensions.DependencyInjection

Version: 2.0.4

Vendor: Microsoft

Copyright: Copyright (c) .NET Foundation and Contributors

License type: MIT

License details: <https://github.com/dotnet/core-setup/blob/v2.0.4/LICENSE.TXT>

Microsoft.IdentityModel.JsonWebTokens

Version: 6.11.0.0

Vendor: Microsoft

Copyright: Copyright (c) .NET Foundation and Contributors

License type: MIT

License details:

<https://github.com/AzureAD/azure-activedirectory-identitymodel-extensions-for-dotnet/blob/5.6.0/LICENSE.txt>

Microsoft.IdentityModel.Logging

Version: 6.11.1.0

Vendor: Microsoft

Copyright: Copyright (c) .NET Foundation and Contributors

License type: MIT

License details:

<https://github.com/AzureAD/azure-activedirectory-identitymodel-extensions-for-dotnet/blob/5.6.0/LICENSE.txt>

log4net

Version: 2.0.8

Vendor: The Apache Software Foundation

Copyright: Copyright 2004-2017 The Apache Software Foundation

License type: Apache 2.0

License details: <https://github.com/apache/logging-log4net/blob/rel/2.0.8/LICENSE>

Markdig.Signed

Version: 0.18.3

Vendor: Alexandre Mutel

Copyright: Copyright (c) 2018-2019, Alexandre Mutel

License type: BSD-2-Clause

License details: <https://github.com/xoofx/markdig/blob/0.18.3/license.txt>

NLog

Version: 4.6.7

Vendor: Jarek Kowalski, Kim Christensen, Julian Verdurmen

Copyright: Copyright (c) 2004-2020 NLog Project - <https://nlog-project.org/>

License type: BSD-3-Clause

License details: <https://github.com/NLog/NLog/blob/v4.6.7/LICENSE.txt>

SharpZipLib

Version: 1.2.0

Vendor: ICSharpCode

Copyright: Copyright © 2000-2018 SharpZipLib Contributors

License type: MIT

License details: <https://github.com/icsharpcode/SharpZipLib/blob/v1.2.0/LICENSE.txt>

System.Data.SQLite

Version: 1.0.111.0

Vendor: SQLite

Copyright: Public domain

License type: Public domain

License details: <https://www.sqlite.org/copyright.html>

ICU

Version: 59.1.15.0

Vendor: SIL International

Copyright: Copyright (c) 2016-2017 SIL International

License type: ICU

License details: <https://github.com/unicode-org/icu/blob/release-59-1/icu4c/LICENSE>

DocumentFormat.OpenXml

Version: 2.8.1

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: <https://github.com/OfficeDev/Open-XML-SDK/blob/v2.8.1/LICENSE>

System.ValueTuple

Version: 4.5.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: <https://github.com/dotnet/corefx/blob/master/LICENSE.TXT>

System.Collections.Immutable

Version: 5.0.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: <https://github.com/dotnet/runtime/blob/v5.0.0/LICENSE.TXT>

System.Reactive

Version: 4.3.2

Vendor: .NET Foundation and Contributors

Copyright: Copyright (c) .NET Foundation and Contributors.

License type: MIT

License details: <https://github.com/dotnet/reactive/blob/rxnet-v4.3.2/LICENSE>

Newtonsoft.Json

Version: 12.0.2

Vendor: James Newton-King

Copyright: Copyright © James Newton-King 2008

License type: MIT

License details: <https://github.com/JamesNK/Newtonsoft.Json/blob/12.0.2/LICENSE.md>

SmartThreadPool

Version: 2.2.6.0

Vendor: Ami Bar

Copyright: Copyright © Ami Bar

License type: MS-PL

License details: <https://github.com/amibar/SmartThreadPool/blob/v2.2.6/LICENSE>

SimpleInjector

Version: 5.3.0.0

Vendor: Simple Injector Contributors

Copyright: Simple Injector Contributors 2010 - 2020

License type: MIT

License details: <https://github.com/simpleinjector/SimpleInjector/blob/v4.9/LICENSE>

Microsoft.Xaml.Behaviors.Wpf

Version: 1.1.19.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: <https://github.com/microsoft/XamlBehaviorsWpf/blob/v1.1.19/LICENSE>

Microsoft.Extensions.Logging.Abstractions

Version: 5.0.0.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: <https://github.com/dotnet/extensions/blob/2.2.0/LICENSE.txt>

MaterialDesignThemes.MahApps

Version: 0.0.11

Vendor: James Willock

Copyright: Copyright 2015 James Willock/Mulholland Software Ltd

License type: MS-PL

License details: <https://www.nuget.org/packages/MaterialDesignThemes.MahApps/0.0.11>

OpenXmlPowerTools

Version: 4.5.3.0

Vendor: Eric White

Copyright: Copyright © Eric White

License type: MIT

License details: <https://github.com/OfficeDev/Open-Xml-PowerTools/blob/vNext/LICENSE>

WatiN

Version: 2.1.0.0

Vendor: Jeroen van Menen

Copyright: Copyright © Jeroen van Menen

License type: Apache 2.0

License details: <https://www.nuget.org/packages/WatiN/2.1.0>

System.Threading.Tasks.Extensions

Version: 4.5.4.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: <https://github.com/dotnet/corefx/blob/master/LICENSE.TXT>

System.Security.Cryptography.X509Certificate

Version: 4.3.2.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: <https://github.com/dotnet/corefx/blob/master/LICENSE.TXT>

System.Security.Cryptography.Algorithms

Version: 4.3.1.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: <https://github.com/dotnet/corefx/blob/master/LICENSE.TXT>

System.Reflection.TypeExtensions

Version: 4.7.0.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: <https://github.com/dotnet/corefx/blob/master/LICENSE.TXT>

System.Linq.Queryable

Version: 4.3.0.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: <https://github.com/dotnet/corefx/blob/master/LICENSE.TXT>

System.IO.FileSystem.Primitives

Version: 4.3.0.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: <https://github.com/dotnet/corefx/blob/master/LICENSE.TXT>

System.Memory

Version: 4.5.4.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: <https://github.com/dotnet/corefx/blob/master/LICENSE.TXT>

System.Numerics.Vectors

Version: 4.5.0.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: <https://github.com/dotnet/corefx/blob/master/LICENSE.TXT>

System.Buffers

Version: 4.5.1.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: <https://github.com/dotnet/corefx/blob/master/LICENSE.TXT>

System.Runtime.CompilerServices.Unsafe

Version: 5.0.0.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: <https://github.com/dotnet/corefx/blob/master/LICENSE.TXT>

SharpCompress

Version: 0.26.0

Vendor: Adam Hathcock

Copyright: Adam Hathcock

License type: MIT

License details: <https://github.com/adamhathcock/sharpcompress/blob/0.26/LICENSE.txt>

Sdl.MultiSelectCombobox

Version: 1.0.17

Vendor: RWS

Copyright: Copyright © RWS

License type: Apache 2.0

License details: <https://github.com/sdl/Multiselect-ComboBox/blob/master/LICENSE>

Microsoft.WindowsAPICodePack.Shell

Version: 1.1.0.0

Vendor: NanaLich

Copyright:

License type:

License details:

icu.net

Version: 2.7.1.0

Vendor: SIL International

Copyright: Copyright © 2007-2019 SIL International

License type: MIT

License details: <https://github.com/sillsdev/icu-dotnet/blob/v2.5.4/LICENSE>

Microsoft.Extensions.Http

Version: 5.0.0.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: Apache 2.0

License details: <https://github.com/aspnet/HttpClientFactory/blob/2.2.0/LICENSE.txt>

MahApps.Metro

Version: 1.5.0

Vendor: Jan Karger, Dennis Daume, Brendan Forster, Paul Jenkins, Jake Ginnivan, Alex Mitchell

Copyright: Copyright © 2021 .NET Foundation and Contributors. All rights reserved.

License type: MIT

License details: <https://github.com/MahApps/MahApps.Metro/blob/1.5.0/LICENSE>

NQuant

Version: 1.0.3

Vendor: Matt Wrock

Copyright: Copyright Matt Wrock 2011

License type: Apache 2.0

License details: <https://github.com/philjones/nquant/blob/master/License.txt>