



# Enterprise Deployment Guide

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***Trados Studio 2024***

**June 2024**





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# Contents

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<b>1</b>	<b>Legal notice</b>	3
<b>2</b>	<b>Introduction</b>	1
<b>3</b>	<b>List of components in Trados Studio 2024</b>	3
<b>4</b>	<b>Automatic updates</b>	5
<b>5</b>	<b>Prerequisites</b>	7
<b>6</b>	<b>Standard (non-silent) Trados Studio distribution package</b>	9
	Included prerequisites	10
	Installing Trados Studio from the command line	11
	Deploying Trados Studio 2024 with active directory	12
	Creating a distribution point	12
	Creating distribution points for prerequisites	12
	Creating distribution points for Trados Studio	12
	Configuring active directory	13
	Creating an automatic install policy for each installation package	14
<b>7</b>	<b>Trados Studio 2024 silent installation</b>	19
	Things to check before starting silent installation	20
	Microsoft .NET Framework 4.8	21
	Microsoft Visual C++ 2015-2022 Redistributable	21
	Microsoft Edge WebView2	22
	Microsoft Office	22
	Trados Studio	22
	Silent removal	22
	Summary for reference	23
	Locations for files created during installation	23
<b>8</b>	<b>Pre-configuring settings during installation</b>	25
	Per user settings	26
	Entering user details	26
	Specifying the user profile	27
	Deploying the sample project	29
	Per machine settings	30

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Specifying a License Server during installation . . . . .	30
Disabling the telemetry customer feedback system . . . . .	30
Disabling Autoupdate . . . . .	30
<b>9 Acknowledgments . . . . .</b>	<b>31</b>



# Introduction

This document contains information for administrators wishing to perform a mass deployment of Trados Studio, both in non-silent and silent mode.

Given the variety of systems management products, the information provided in this document is limited to a description of what needs to be done rather than how to do it as such information varies significantly from product to product. However, this document does provide an example of how Trados Studio can be installed from Active Directory. A silent installation distribution is also available, and full details on silent installation are provided in this document.



# 2

## List of components in Trados Studio 2024

To better understand both installation options for Trados Studio 2024, it is useful to be able to refer to the exact list of all components required by Trados Studio (referred to as "prerequisites") as well as the Trados Studio 2024 itself.

Name	Type	File Name	Comments
Microsoft .NET Framework 4.8	Prerequisite	ndp48-x86-x64-allos-enu.exe	Required for the Microsoft .NET components in Trados Studio.
Microsoft Visual C++ 2015-2022 Redistributable	Prerequisite	vcredist_x86.exe	Required for the C++ components in Trados Studio.
Microsoft Edge WebView2	Prerequisite	MSEdgeWebView2	Required for the preview functionality starting with Trados Studio 2024. Download WebView2 from the <a href="#">Microsoft website</a> and install it manually.
Trados Studio 2024 Core Installer	Installer	TranslationStudio.msi	Main installer for Trados Studio 2024.

## Windows Defender SmartScreen

Windows Defender SmartScreen is included in the WebView2 package that installs with Trados Studio. SmartScreen is a software that improves security. As you browse the web, SmartScreen categorizes websites and downloads as top traffic, dangerous, or unknown. This data is then stored on secure Microsoft servers to map out secure sites. SmartScreen is enabled by default on Microsoft Edge. If you want to avoid data collection, you can disable SmartScreen. Go to `edge://settings/privacy`, and under **Security**, turn off the **Microsoft Defender SmartScreen** setting.

**3**

## **Automatic updates**

Trados Studio 2024 has an automatic update feature to keep the software up-to-date with all relevant enhancements as well as security and bug fixes.

This feature involves contacting an update server at RWS, downloading an update and installing the downloaded update. If you wish to disable this feature, you can do so by using a group policy or on a per user basis. For more information on this, refer to the *Software Updates* chapter in the Trados Studio Installation Guide that describes how to configure the `StudioAutoUpdate.adm` file for use as a group policy.

# 4

## Prerequisites

As you can see from the list of components, Trados Studio depends on a number of third party products that must be present on the target computers.

If required, questions about deploying these products should be addressed to their respective manufacturers (Microsoft). Answers will usually be found on the manufacturers' websites or knowledge bases.

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**Note:** Both the silent distribution package (described in “Trados Studio silent installation ” on page 19) and the standard distribution package (described in “Standard (non-silent) Trados Studio distribution package ” on page 9) include all prerequisites.

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**5**

**Standard (non-silent) Trados  
Studio distribution package**

In this section, we refer to the non-silent distribution package as "standard Trados Studio distribution package".

Use the information in this section to understand the basic workings of the standard Trados Studio installer when run by an administrator or end-user in non-silent mode. This information will be useful when looking at Active Directory as well as installing the silent distribution package later in this document.

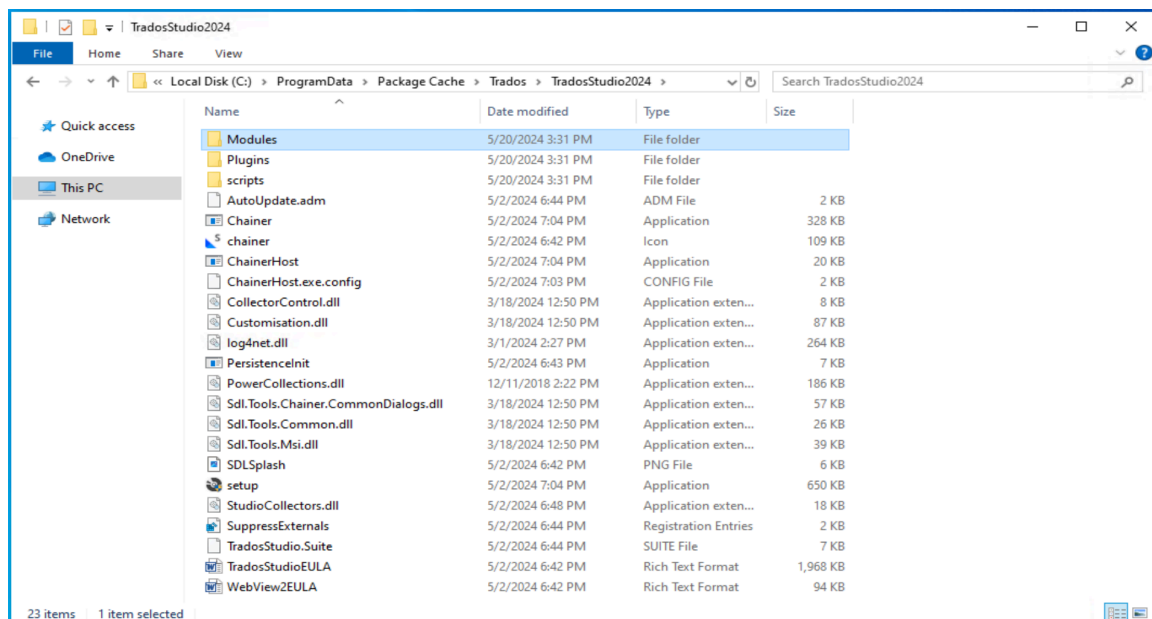
## Included prerequisites

All prerequisites are contained within the standard Trados Studio 2024 distribution package.

The installation package file name is TradosStudio2024\_[SRx\_]nnnn.exe where x is the service release number and nnnn is the build number. This executable file is a self-extracting archive made with 7Zip. You can unpack it by either using a decompression tool to extract the files or by running it as an end user would, and then cancelling the installation process at the prompt requiring the user to acknowledge the end-user license agreement. After decompression, you will find the extracted files in the following folder:

%ALLUSERSPROFILE%\Package Cache\Trados\TradosStudio2024

This folder will typically contain the following folders and files:



If the compression utility used in your organization does not handle 7Zip archives, you can download it from [here](#).

The prerequisites installed by the standard Trados Studio distribution package are the following:

- Microsoft .NET Framework 4.8
- Microsoft Visual C++ 2015-2022 Redistributable



The prerequisite files are located in the `C:\ProgramData\Package Cache\SDL\Dependencies` folder.

## Microsoft Office

Trados Studio 2024 offers full, out-of-the-box support for all Microsoft Office 365, Microsoft Office 2021, Microsoft Office 2007-2019 and 2000-2003 file formats.

Trados Studio can process these versions of Office files even if you do not have Office installed on your computer. However, you may want to install Microsoft Office if you:

- preview translated Word, Excel and PowerPoint documents in their native format, outside Trados Studio.
- use the Word spell-checker in the Editor instead of the default Hunspell that is installed with Trados Studio. For spell-checking, Trados Studio requires Microsoft Office 2021, 2019 or 2016. Older versions might also work but are not tested. As a general rule, Trados Studio supports the latest and previous generation of any third-party product.

## Installing Trados Studio from the command line

The core Trados Studio installer is a Microsoft Windows Installer Package (MSI) called `TradosStudio.msi`.

It can be deployed to a distribution point by means of a standard administrative installation:

```
msiexec /a "<path to MSI dir>\TradosStudio.msi" TARGETDIR="<path to distribution point dir>"
```

The installation is per-machine and the value of `ALLUSERS` is hard-coded within the MSI and should not be added to the command line.

You can specify the `DESKTOPSHORTCUT=false` property to stop the installation from creating a desktop shortcut:

```
msiexec /a "<path to MSI dir>\TradosStudio.msi" TARGETDIR="<path to distribution point dir>" DESKTOPSHORTCUT=false
```

You can also specify the `LICSERVER` property to a URL to the RWS license server on your network. This will enable this feature and stop the licensing dialog prompts.

There are no other command-line parameters.

## Deploying Trados Studio 2024 with active directory

It is assumed that the reader is familiar with mass deployment using Active Directory (AD).

A basic introduction can be found at [https://technet.microsoft.com/en-us/library/cc753792\(v=ws.11\).aspx](https://technet.microsoft.com/en-us/library/cc753792(v=ws.11).aspx).

## Creating a distribution point

Create a Distribution Point location on your network and set appropriate permissions for AD deployment. You must use UNC syntax to refer to the distribution point, for example, `\\myserver\myfolder\GPSI\Trados2024`.

## Creating distribution points for prerequisites

Trados Studio relies on several dependencies that need to be installed prior to deployment.

Most of these are Microsoft Windows Installer packages (MSIs) that can be placed in distribution points directly, or you can perform an administrative install to a distribution point for them. The C++ redistributable executables are ZIP archives and can be unpacked to the distribution point. For the Microsoft .NET Framework, RWS recommends that you read the [.NET Framework Deployment Guide for Administrators](#) article for more information on best practices for Microsoft .NET deployment in AD contexts.

- Microsoft .NET 4.8
- Microsoft Visual C++ 2015-2022 Redistributable

## Creating distribution points for Trados Studio

### Procedure

1. Create a distribution point for the TradosStudio2024 module by doing an admin install to a network location, for example,

```
msiexec /a TradosStudio.msi TARGETDIR=\\myserver\myfolder\GPSI\Trados2024\Studio
```

2. Create a distribution point for the Trados Studio Helper module if required by doing an admin install to a network location, for example,

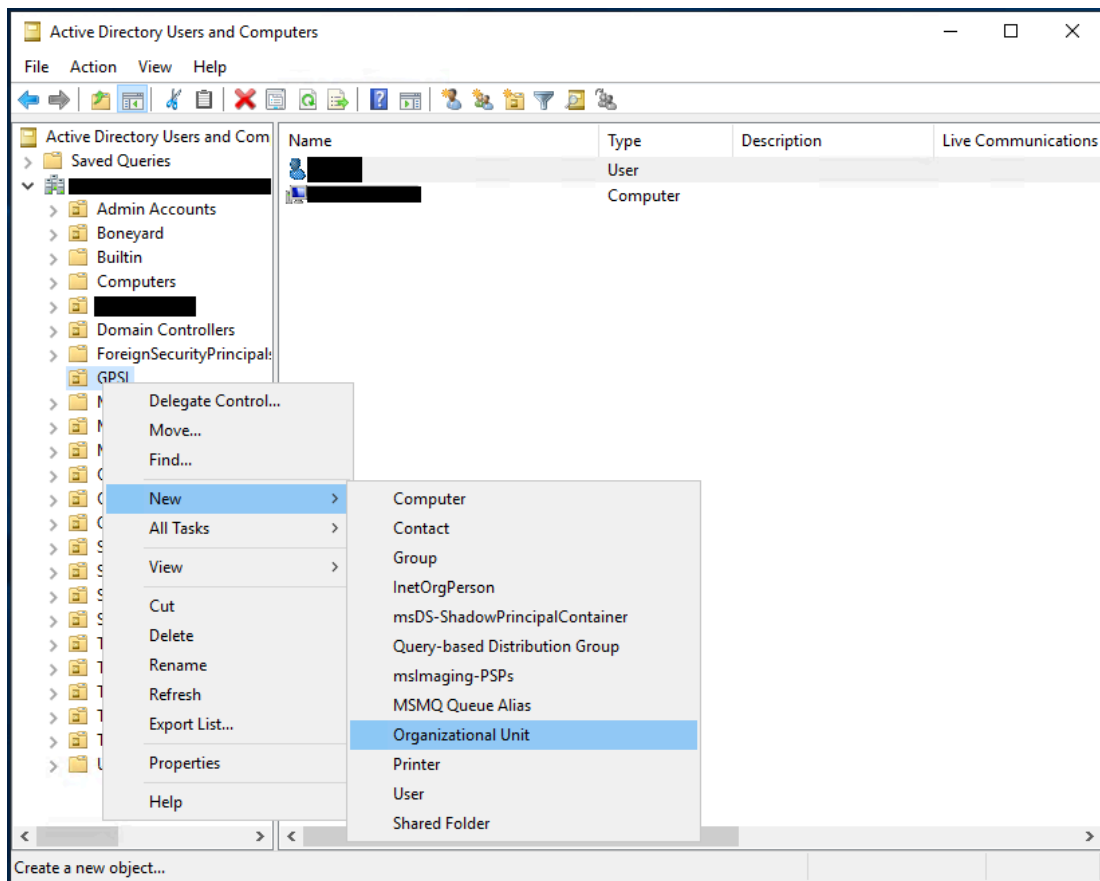
```
msiexec /a SDLStudioHelper.msi TARGETDIR=\\MYServer\\MyFolder\\GPSI\\Trados2024\\Helper
```

## Configuring active directory

In this example, we assume that our test domain controller is a computer running Windows 2019 Server. Other domain controllers may differ slightly.

### Procedure

1. On the Domain Controller, launch the **Active Directory Users and Computers** snap-in for Microsoft Management Console (MMC). Create an Organizational Unit (OU) in the Active Directory in which you wish to place your test machine.

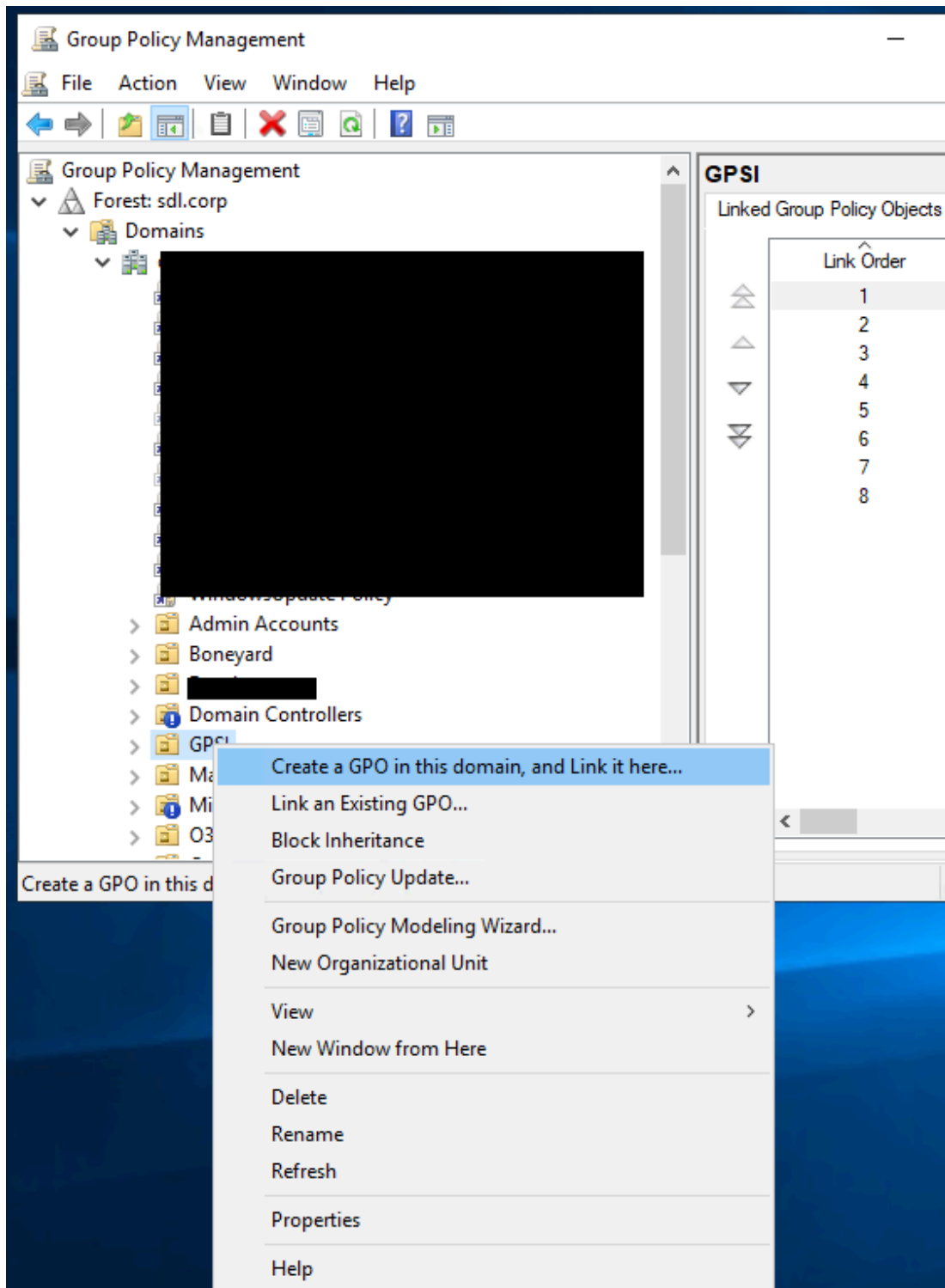


2. Create a Test VM (in our example, we used a Windows 10 machine hosted in vSphere 7 Enterprise) and join it to the domain. Drag the computer account into the OU you created previously.

## Creating an automatic install policy for each installation package

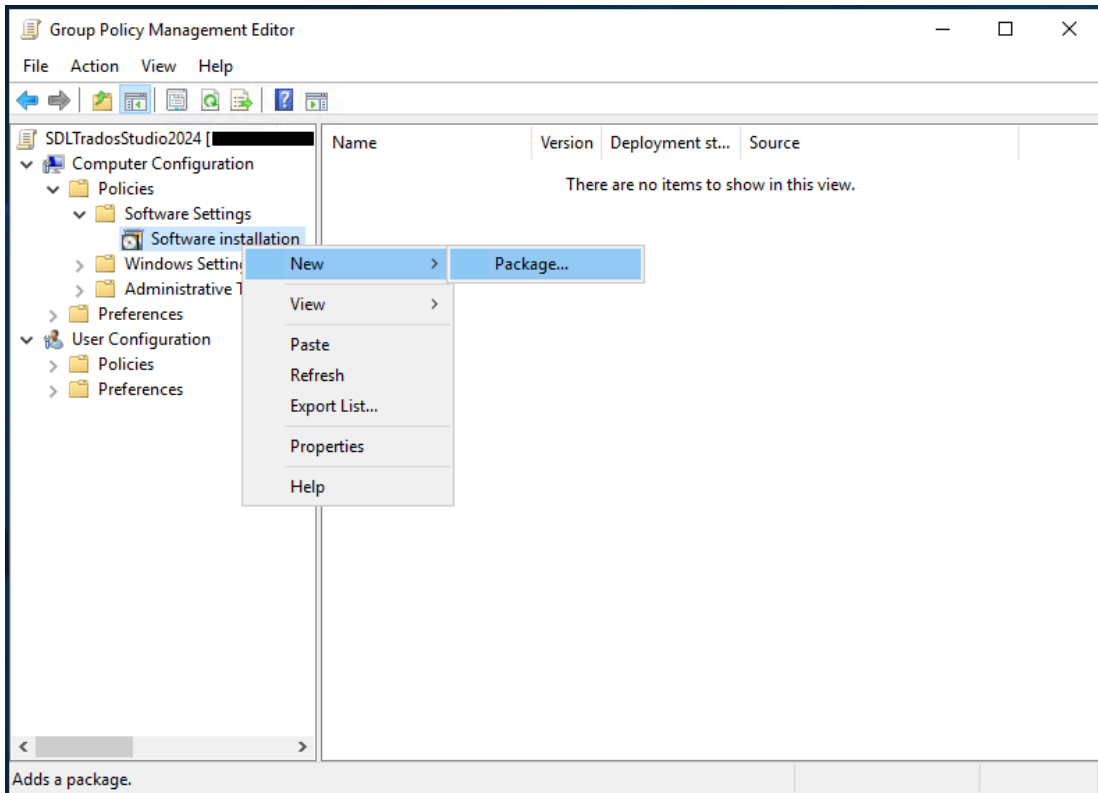
### Procedure

1. Open the **Group Policy Management MMC** snap-in and locate the OU you created for this test. Right-click on the OU and choose **Create and link a GPO Here**.

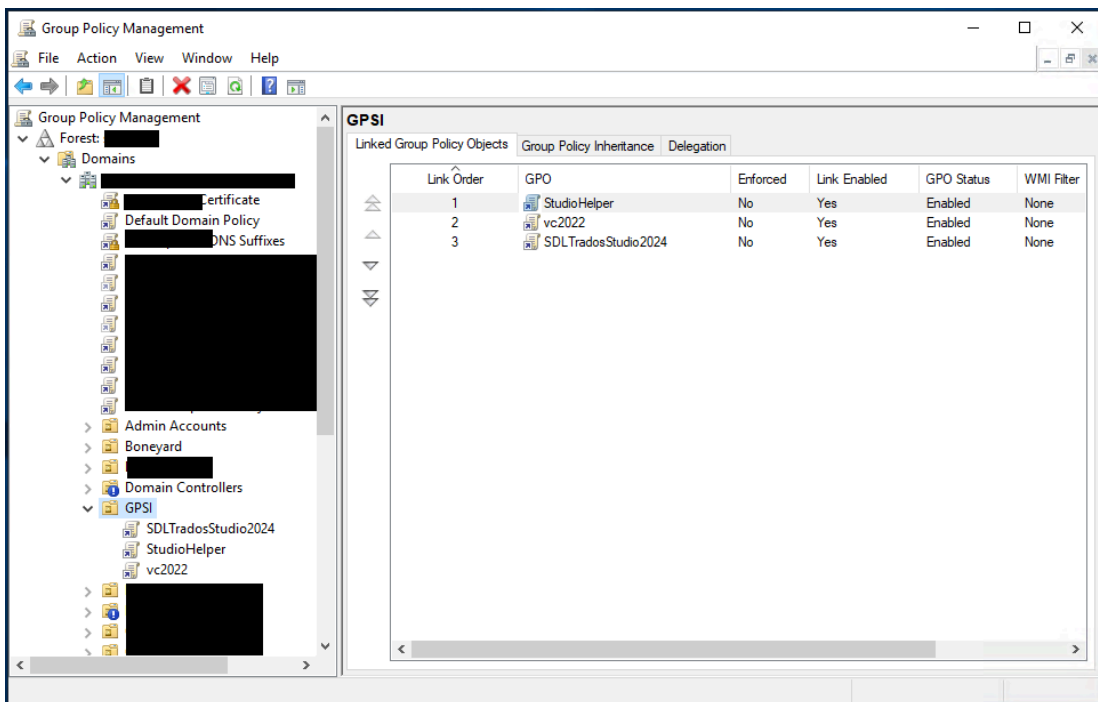


2. Right-click on the link you created and choose **Edit**. This will open the **Group Policy Object Editor**.
3. Expand the **Computer Configuration/Software Settings/Software Installation** node. Right-click on the node and choose **New > Package**.

## 5 Standard (non-silent) Trados Studio distribution package



4. Enter the UNC path of one of your Distribution Points and choose an assigned installation. Again, it is important to use a UNC path and not browse to the location.



5. Repeat this for each package you want to deploy automatically. The order of installation can be controlled by the link order in the group policy management tool. Higher link

order numbers are installed first:

6. Make sure the policies are enabled. You are now ready to run your tests.





**6**

## **Trados Studio 2024 silent installation**

This section is aimed at administrators using a mass deployment system who need to repackage the modules in the distribution and wish to get information on how to perform a silent installation of Trados Studio 2024.

**RWS provides a distribution that installs silently.** Its file name is `TradosStudio2024_SRx_nnnn_Silent.exe` where *x* is the service release number and *nnnn* is the build number. You can double-click it or run it from the command line. Log files are created during installation for further reference of the actions taken during silent installation. The log file locations can be found below. In the remainder of this chapter, we document the contents and installation process in more detail to provide a better understanding of the silent installation package. This is designed to help administrators understand what to do if they would like to repackage the silent installer.

The Studio silent installation package contains a number of individual installation packages. Many of these are third-party products and their manufacturers may provide further information and help in case of questions. Also, some of these third party components may already be installed on the target machines.

While not intended to be viewed by end users, you may find the file `TranslationStudio.Professional.Suite` in the package cache location (`%ALLUSERSPROFILE%\Package Cache\Trados\TradosStudio 2024`) to be useful as it contains details on the packages, such as if they are installed and what conditions are used to detect their installation.

## Things to check before starting silent installation

The installation package file name is `TradosStudio 2024_SRx_nnnn_Silent.exe` where *x* is the service release number and *nnnn* is the build number. The package contains installation modules, a "chainer" utility that runs each installation in turn, and a bootstrapper (`Setup.exe`) that installs the minimum number of modules required to run the chainer and starts the installation.

### Before you begin

Trados Studio installer requires the following:

- Windows 10, Windows Server 2016 or a later operating system
- .Net 4.8 - if this is not already present on your computer, the Trados Studio installer will automatically install it. The installation of the Trados Studio components will continue after a system reboot
- Microsoft Edge WebView2. This component is required to preview files using formats such as YAML. Download it from the [Microsoft website](#).

**Procedure**

1. Extract the installation files by opening the self-extracting installation package with an archive utility capable of handling 7Zip archives. If you have no compression utility that can handle 7Zip archives, you can download it [here](#).
2. Install the modules listed in the following sections. They are found in the "Modules" or "Dependencies" subdirectory of the archive. It is important to generate a log when installing silently in case there are any errors. The Windows event log can also be used to determine the success or failure of a silent MSI installation.

## Microsoft .NET Framework 4.8

This module is not installed automatically in the standard distribution.

**About this task**

If Microsoft .NET Framework 4.8 is not available by default on your operating system, the installer will try to download it. Alternatively, search for it on Windows Update. It must be installed before using the Trados Studio chainer if the chainer is to be used. To install this module:

the installer will try to download it, alternatively search for it on Windows Update

**Procedure**

1. Run the following command:

```
"<Path todir>\ndp48-x86-x64-allos-enu.exe" /q/norestart
```

2. For log files, see the Troubleshooting section in the [.NET Framework Deployment Guide for Administrators](#)

## Microsoft Visual C++ 2015-2022 Redistributable

Instructions to install this module.

**Procedure**

1. Run the following command:

```
"<Path todir>\2022_vccredist_x86.exe" /q /norestart
```

This command returns a standard MSI return code. The command may not work when used with CreateProcess() but does work with ShellExecute().

2. If the first command does not work, ensure that the module is run from a command shell:

```
"%COMSPEC%" /c <Path todir>\2022_vccredist_x86.exe" /q /norestart
```

```
"%COMSPEC%" /c <Path to dir>\2022_vcrist_x86.exe" /q /norestart
```

## Microsoft Edge WebView2

This package is a modern Edge-based web technology from Microsoft. WebView2 is in use by Trados Studio in the file Preview functionality and other areas in the application.

### About this task

To silently install Microsoft Edge WebView2

### Procedure

1. Run the following command:

```
& "<Path to directory>\MicrosoftEdgeWebview2Setup.exe" /silent /install
```

This command only works when run through a PowerShell instance in admin mode, or any other shell script language.

## Microsoft Office

Trados Studio 2024 fully supports all Microsoft Office 2007-2019 and 2000-2003 file formats. You may want to install Microsoft Word and PowerPoint for previewing translated Word and PowerPoint documents. Trados Studio also requires Microsoft Word for spell-checking.

## Trados Studio

To install this module, run the following command: `msiexec.exe /i "<Path to dir>\TradosStudio.msi" /qn /! *v "<Path to logfile>"`

Setting the DESKTOPSHORTCUT property to anything other than 1 will prevent creation of a desktop shortcut. If you do not include the property, the default is to create a shortcut.

Setting the LICSERVER property to a URL to the RWS license server on your network will enable this feature and stop the licensing dialog prompts.

## Silent removal

To silently remove an MSI, you can use the following command:

```
msiexec /x "<path to msi file>" /qn
```

Optionally, you can create an uninstallation log for the removal by appending

```
/l*v " <path to log file> "
```

to the command line.

The following package should be removed: Trados Studio 2024

The prerequisites are third-party products and should not generally be removed, as it is not possible to know if other applications on the machine need them. If you are certain that they are not used by anything else, you may remove them.

## Summary for reference

The following is a list of all the command lines listed above for your convenience. It should be customized as appropriate.

```
"<Path to dir>\ndp48-x86-x64-allos-enu.exe " /q/norestart
```

```
"<Path to dir>\2022_vccredist_x86.exe" /
```

```
& "<Path to directory>\MicrosoftEdgeWebview2Setup.exe" /silent /install
```

```
rem Delete the following if not required.
```

```
msiexec.exe /i "<Path to dir>\TradosStudio.msi" /qn /l*v "<Path to logfile>"
```

```
rem Delete the following if not required.
```

## Locations for files created during installation

This section does not include the files installed by the third-party installers (MSIs and EXEs). For RWS products, the installers are all Microsoft Windows Installer packages (MSIs) and a list of deployed resources can be found in the MSI database tables using standard tools.

Refer to the silent installation section above for the log file locations for the installation modules.

The distribution package extracts all of its files to %ALLUSERSPROFILE%\Package Cache\Trados\.

The installation chainer creates a data file at %ALLUSERSPROFILE%\Trados\Chainer\PackageTracking.xml.

A set of chainer log files is also created in %ALLUSERSPROFILE%\Trados\Chainer\Logs\.

The silent installer package utilizes a different initial bootstrapper utility to the standard installation package and this initial process logs to `SDLTradosStudioSilentInstallLog.txt`.

# 7

## **Pre-configuring settings during installation**

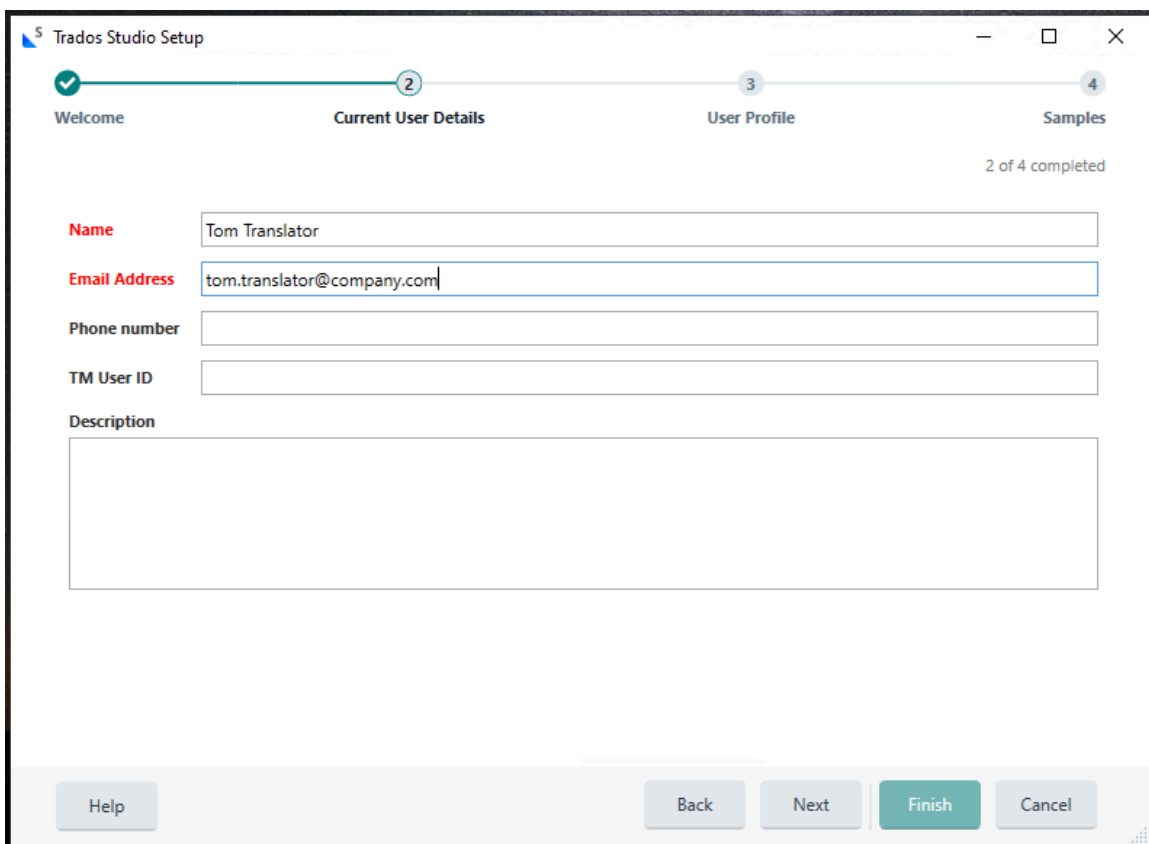
Whatever method of installation you choose to deploy Trados Studio there are some techniques that you can use to minimize end user configuration.

## Per user settings

These settings will need to be applied by the administrator for each user. You could use a logon script to set these.

## Entering user details

The user details are entered into the setup wizard on this step:



The information entered here is put into the Windows registry at the following location:  
HKEY\_CURRENT\_USER\SOFTWARE\SDL\Studio18\MachineSupport.

The following string values are mandatory under this key:

`CurrentUserFullName` (this is filled by the user entering their name in the **Name** field in the screenshot above), `CurrentUserEmail` (this is filled by the user entering their name in the **Email Address** field in the screenshot above) and `CurrentUserId`. `CurrentUserId` (this is filled automatically with the current fully qualified Windows user ID of the user in the format `DOMAIN\UserName`).



If this prompt should be avoided during startup, import a .registry key into the HKEY\_CURRENT\_USER area of the registry with at least these three fields filled.

### Example .reg file

An example .reg file would look as follows:

Windows Registry Editor Version 5.00

```
[HKEY_CURRENT_USER\Software\SDL\Studio18\MachineSupport]
```

```
"CurrentUserId"="COMPANY\\tomtranslator"
```

```
"CurrentUserEmail"="tom.translator@company.com"
```

```
"CurrentUserFullName"="Tom  
Translator"
```

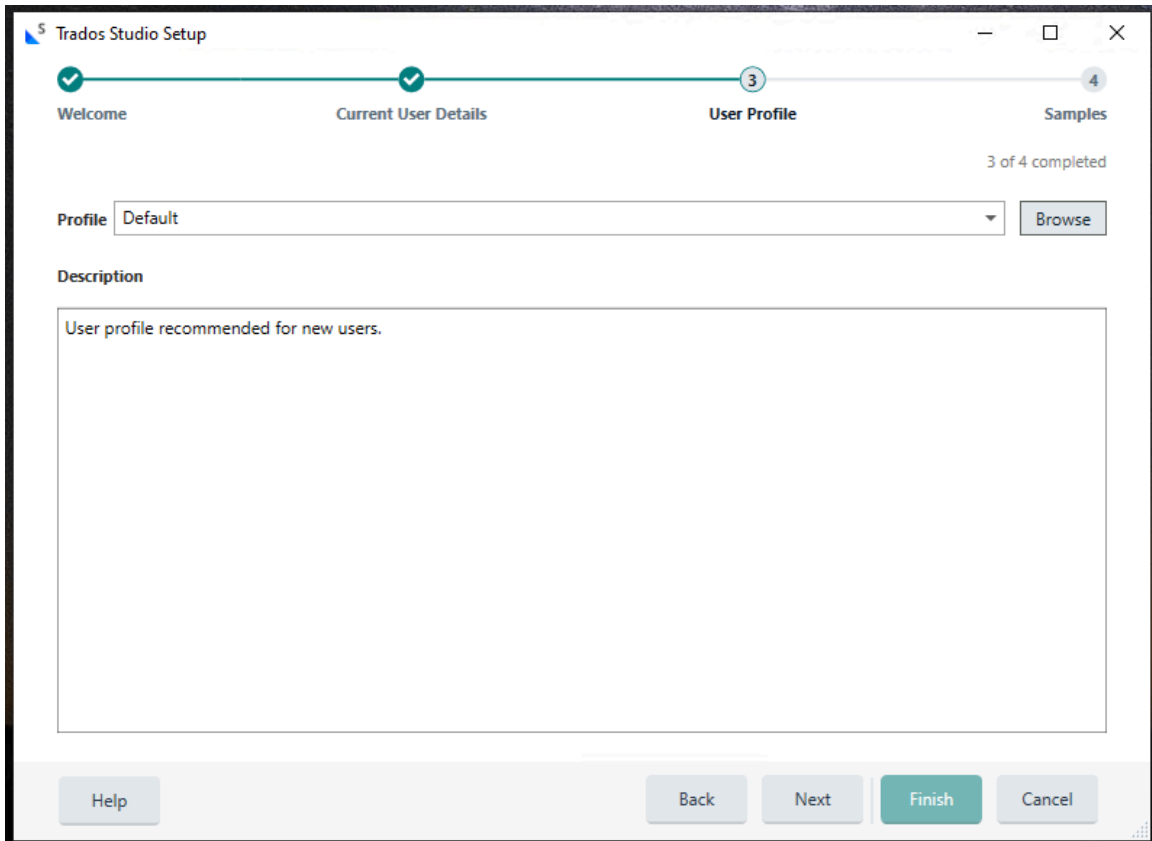
```
"CurrentUserPhoneNumber"=" "
```

```
"CurrentUserDescription"=" "
```

## Specifying the user profile

The default user profile is taken from the wizard step below:

## 7 Pre-configuring settings during installation



The corresponding setting is not stored in the Windows registry, but rather a settings file in the following location (Windows 10):

```
"C:\Users\[USERNAME]\AppData\Roaming\Trados\Trados  
Studio\Studio18\BaseSettings.xml"
```

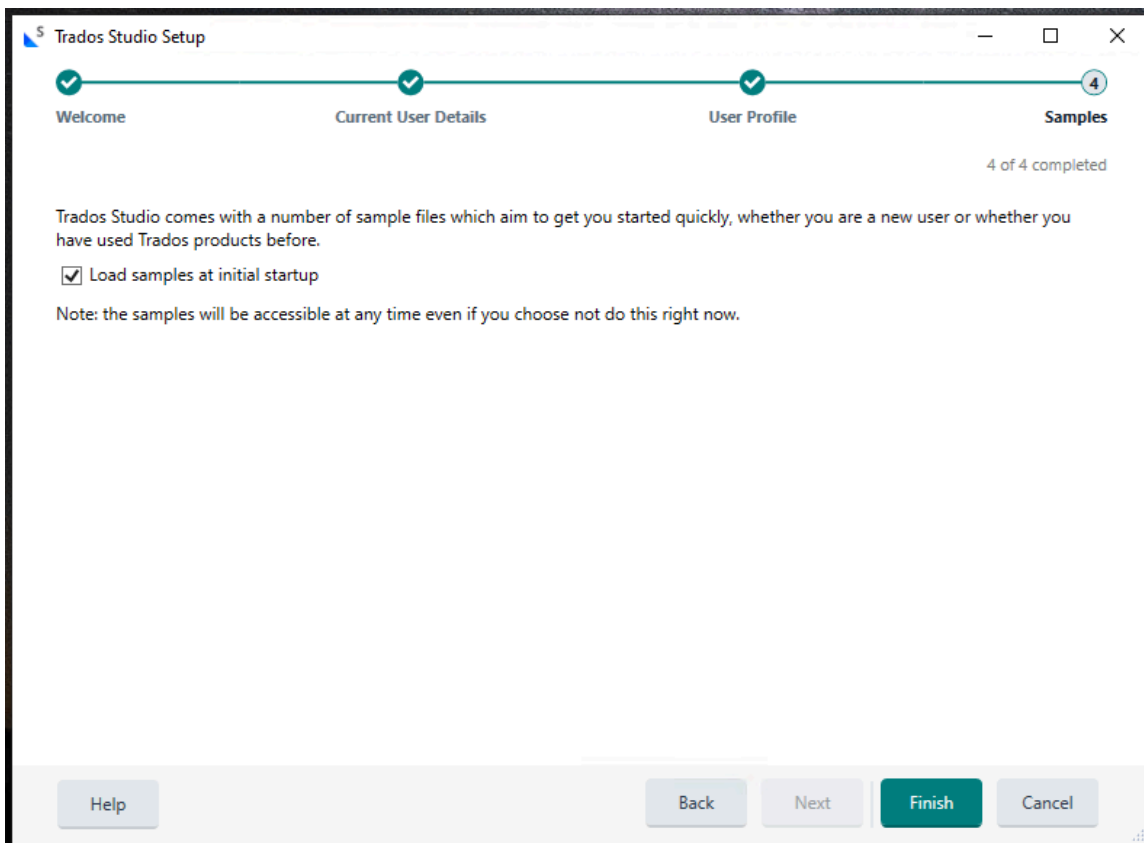
To avoid the prompt, the `BaseSettings.xml` file needs to have at least one entry as follows:

```
<?xml version="1.0"encoding="utf-8"?>  
<SettingsBundle>  
  <SettingsGroupId="IUserSettingsService">  
    <Setting  
      Id="CurrentUserProfileFilePath">C:\Users\USERNAME\AppData\Roaming\Trados  
      \Trados Studio\Studio18\UserProfiles\Builtin\Default.sdlprofile</Setting>  
    </SettingsGroup>  
  </SettingsBundle>
```

The value for **USERNAME** needs to match the actual user name for the user who should not see the prompt.

## Deploying the sample project

In the final step of the setup wizard, the user can decide whether or not to install the sample project. (The user can always decide to copy the sample project at a later point by running the command **Open Sample Project** from the **Home** view in Trados Studio.). The prompt is as follows:



The corresponding setting is not stored in the Windows registry but rather a settings file in the following location (Windows 10):

```
C:\Users\[USERNAME]\AppData\Roaming\Trados\Trados Studio\Studio18
\UserSettings.xml
```

The value for **USERNAME** needs to match the actual user name for the user who should not see the prompt.

To avoid the prompt, the `UserSettings.xml` file needs to have at least one entry as follows:

```
<?xml version="1.0" encoding="utf-8"?>
<SettingsBundle>
  <SettingsGroupId="SampleDataSettingsGroup">
    <SettingId="ShouldInstallSamples">True</Setting>
  </SettingsGroup>
</SettingsBundle>
```

## Per machine settings

These settings can be applied when you deploy the software and are applied by default in the silent installer package.

### Specifying a License Server during installation

If you are using the license server to supply commuter licenses to a set of users you can supply the license server details during installation of the software. There is an optional property called LICSERVER that you can pass to the MSI

### Disabling the telemetrics customer feedback system

The customer feedback system is enabled by default and collects anonymous information about how you work with Trados Studio. RWS uses this anonymous information to improve the quality of Trados Studio. If you want to disable the customer feedback system, set the following registry key to :

```
Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Policies\Trados\Studio18
```

DWORD EnableCustomerExperienceFeedback = 0

### Disabling Autoupdate

Set the following registry key to disable the autoupdate system:

```
Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Policies\Trados\Studio18
```

DWORD EnableAutoupdate = 0

# 8

## Acknowledgments

Trados Studio includes open source or similar third-party software.

**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>" on page 0

**Azure.Core**

Version: 1.38.0

Vendor: Microsoft, azure-sdk

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/Azure/azure-sdk-for-net/blob/main/LICENSE.txt>" on page 0

**Azure.Identity**

Version: 1.11.1

Vendor: Microsoft, azure-sdk

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/Azure/azure-sdk-for-net/blob/main/LICENSE.txt>" on page 0

**CachedImage**

Version: 1.0.1

Vendor: Hari Pachuveetil

Copyright: MIT © Haridas Pachuveetil 2014

License type: MIT

License details: "<https://github.com/floydpink/CachedImage/blob/main/LICENSE>" on page 0

**ControlzEx**

Version: 4.4.0

Vendor: Jan Karger, Bastian Schmidt

Copyright: Copyright © 2015 - 2020 Jan Karger, Bastian Schmidt, James Willock

License type: MIT

License details: "<https://github.com/ControlzEx/ControlzEx/blob/4.4.0/LICENSE>" on page 0

**Crc32.NET**

Version: 1.2.0

Vendor: force

Copyright:

License type:

License details: “<https://github.com/force-net/Crc32.NET/blob/develop/LICENSE>” on page 0

**DocumentFormat.OpenXml**

Version: 2.15.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: “<https://github.com/OfficeDev/Open-XML-SDK/blob/v2.15.0/LICENSE>” on page 0

**Flee**

Version: 1.2.2

Vendor: Muhammet Parlak

Copyright: Copyright 2017 Muhammet Parlak

License type: L-GPL

License details: “<https://github.com/mparlak/Flee>” on page 0

**HtmlAgilityPack**

Version: 1.11.16

Vendor: ZZZ Projects

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**Hunspellx86**

Version: 1.7.2

Vendor: Crawler-Lib

Copyright: Copyright (C) 2002-2017 Németh László

License type: L-GPL

License details: “<https://github.com/hunspell/hunspell/blob/v1.7.2/license.hunspell>” on page 0

**ICSharpCode.Decompiler**

Version: 7.1.0.6543

Vendor: Daniel Grunwald, Siegfried Pammer

Copyright: Copyright 2011-2021 AlphaSierraPapa

License type:

License details: "<https://github.com/icsharpcode/ILSpy/blob/v7.1/doc/license.txt>" on page 0

**icu.net**

Version: 2.9.0

Vendor: SIL International

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License type: MIT

License details: "<https://github.com/sillsdev/icu-dotnet/blob/v2.9.0/LICENSE>" on page 0

**Icu4c.Win.Full.Lib**

Version: 59.1.15

Vendor: SIL International

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License type: ICU

License details: "<https://github.com/unicode-org/icu/blob/release-59-1/icu4c/LICENSE>" on page 0

**log4net**

Version: 2.0.16

Vendor: Cincura.net, Apache.Logging

Copyright: Copyright 2004-2017 The Apache Software Foundation

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**MahApps.Metro**

Version: 2.4.10

Vendor: Jan Karger, Dennis Daume

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**Markdig.Signed**

Version: 0.31.0

Vendor: Alexandre Mutel

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License details: "<https://github.com/xoofx/markdig/blob/master/license.txt>" on page 0

**MaterialDesignColors**

Version: 3.0.0

Vendor: James Willock

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**MaterialDesignThemes**

Version: 5.0.0

Vendor: James Willock

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**MaterialDesignThemes.MahApps**

Version: 1.0.0

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**Microsoft.ApplicationInsights**

Version: 2.22.0

Vendor: Microsoft

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**Microsoft.AspNet.WebApi.Client**

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Vendor: Microsoft

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**Microsoft.AspNetCore.Connections.Abstractions**

Version: 8.0.3

Vendor: Microsoft, aspnetcore

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**Microsoft.AspNetCore.Http.Connections.Client**

Version: 8.0.3

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**Microsoft.AspNetCore.Http.Connections.Common**

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**Microsoft.AspNetCore.JsonPatch**

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**Microsoft.AspNetCore.SignalR.Client**

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**Microsoft.AspNetCore.SignalR.Client.Core**

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**Microsoft.AspNetCore.SignalR.Common**

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**Microsoft.AspNetCore.SignalR.Protocols.Json**

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**Microsoft.Bcl.AsyncInterfaces**

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**Microsoft.Bcl.HashCode**

Version: 1.1.1.0

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**Microsoft.Bcl.TimeProvider**

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**Microsoft.CSharp**

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**Microsoft.Extensions.Configuration**

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**Microsoft.Extensions.Configuration.Abstractions**

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**Microsoft.Extensions.Configuration.Binder**

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**Microsoft.Extensions.DependencyInjection**

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**Microsoft.Extensions.DependencyInjection.Abstractions**

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**Microsoft.Extensions.DependencyModel**

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**Microsoft.Extensions.Features**

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### **Microsoft.Extensions.Logging**

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### **Microsoft.Extensions.Logging.Abstractions**

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### **Microsoft.Extensions.Options**

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### **Microsoft.Extensions.Primitives**

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### **Microsoft.Identity.Client**

Version: 4.60.3

Vendor: Microsoft, AzureAD

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**Microsoft.Identity.Client.Extensions.Msal**

Version: 4.60.3

Vendor: Microsoft, AzureAD

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**Microsoft.Identity.Client.NativeInterop**

Version: 0.16.0

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**Microsoft.IdentityModel.Abstractions**

Version: 7.4.1

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**Microsoft.IdentityModel.JsonWebTokens**

Version: 7.4.1

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**Microsoft.IdentityModel.Logging**

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**Microsoft.Office.Interop.Outlook**

Version: 15.0.4797.1004

Vendor: Camron Bute

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**Microsoft.Office.Interop.Word**

Version: 15.0.4797.1004

Vendor: Camron Bute

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**Microsoft.Web.WebView2**

Version: 1.0.2210.55

Vendor: Microsoft, webview

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"<https://www.nuget.org/packages/Microsoft.Web.WebView2/1.0.2210.55/License>" on page 0

**Microsoft.Xaml.Behaviors.Wpf**

Version: 1.1.77

Vendor: Microsoft, xamlxperienceteam

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**murmurhash-signed**

Version: 1.0.2

Vendor: Darren Kopp

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**NETStandard.Library**

Version: 2.0.3.0

Vendor: Microsoft, dotnetframework

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**Newtonsoft.Json**

Version: 13.0.3

Vendor: James Newton-King

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**Nlog**

Version: 4.6.7

Vendor: Jarek Kowalski, Kim Christensen, Julian Verdurmen

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**Sdl.MultiSelectComboBox**

Version: 1.0.77

Vendor: RWS

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### **Sharpcompress**

Version: 0.36.0

Vendor: Adam Hathcock

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### **SharpZipLib**

Version: 1.4.1.0

Vendor: ICSharpCode

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### **SimpleInjector**

Version: 5.4.4

Vendor: Simple Injector Contributors

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### **SmartThreadPool**

Version: 2.3.0

Vendor: Ami Bar

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### **System.Buffers**

Version: 4.5.1

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**System.Collections.Immutable**

Version: 8.0.0

Vendor: Microsoft, dotnetframework

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**System.IdentityModel.Tokens.Jwt**

Version: 7.4.1

Vendor: Microsoft, AzureAD

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**System.IO.Abstractions**

Version: 4.2.17

Vendor: Tatham Oddie

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**System.IO.Pipelines**

Version: 8.0.0

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**System.Memory**

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**System.Net.Http**

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**System.Numerics.Vectors**

Version: 4.5.0

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**System.Reactive**

Version: 6.0.0

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**System.Reflection.Metadata**

Version: 5.0.0

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**System.Reflection.TypeExtensions**

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**System.Runtime.CompilerServices.Unsafe**

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### **System.Text.Encoding.CodePages**

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### **System.Text.Encodings.Web**

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### **System.Text.Json**

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### **System.Threading.RateLimiting**

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### **System.Threading.Channels**

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### **System.Threading.Tasks.Extensions**

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### **YamlDotNet**

Version: 8.1.0

Vendor: Antoine Aubry

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### **ZstdSharp.Port**

Version: 0.7.4

Vendor: oleg-st

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