



# Release Notes

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***Trados Studio 2024***

**June 2024**

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## **Product overview**

Trados Studio is a Computer Aided Translation (CAT) tool and translation memory software that helps you translate and manage translation projects faster and easier.

Trados Studio offers a complete environment for professional translators to edit and review projects, use agreed terminology and leverage machine translation results. As a project manager, you can use Trados Studio to effectively manage all aspects of translation projects.

See the [online help](#) for information on using Trados Studio.

### Freelancer and Starter versions

The **Freelance** and version of Trados Studio cannot run on a domain-based network. This is the intended behavior for this version. If you want to run Trados Studio on a domain-based network, use the **Professional** version instead.

See the [Studio comparison table](#) for more information on the differences between the Trados Studio editions.

### RWS AppStore

Download apps which extend the default functionality of Trados Studio.

### Cloud references

In this guide, the term "cloud" covers all product offerings powered by our cloud platform:

- Trados Studio's cloud capabilities
- Trados Team
- Trados Accelerate
- Trados Enterprise
- Trados Terminology



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## **Changes introduced in Trados Studio 2024**

This release of Trados Studio delivers access to cutting-edge AI capabilities, multiple usability improvements, enhanced accessibility features, bug fixes and more.

## AI innovation

This edition of Trados Studio comes with strong AI capabilities for Studio users.

From access to intelligent generative translation capabilities to native support for Machine Translation Quality Estimation, everyone in the supply chain can benefit.

## Trados Copilot - AI Assistant

**Trados Copilot - AI Assistant** brings pioneering generative translation capabilities to every Studio user.

**AI Assistant** lets you harness a Large Language model (LLM) in a variety of ways, for example you can:

- Use the LLM as a translation provider
- Add an editing prompt to adjust the output in any way you want, for example, to apply a casual style or a more formal tone.
- Direct AI Assistant to use your termbase during translation for terminology-aware translation results.

The freely definable prompts can be used both in batch processing and interactive translation and review, enabling both project managers, translators and reviewers alike to leverage it's power.

To use **AI Assistant** users need to bring their own OpenAI or Azure OpenAI subscription. Watch out for more LLMs which we will make available in our app store.

## Trados Copilot

Trados Copilot is our AI-powered virtual assistant designed to help transform translation productivity.

It has multiple skills including:

- **Trados Copilot - Smart Help** is available in the browser for our cloud offerings. It provides answers to any questions you may have about working with cloud projects.
- **Trados Copilot - Smart Review** app which can evaluate your translations by applying LLM review skills and scoring. This means you can next improve your translations as required based on the evaluation score it provides. The Smart Review app is available for download in the [RWS AppStore](#) .

## Support for Machine Translation Quality Estimation (MTQE)

With the evolution of Generative AI and Large Language Models (LLMs), machine translation providers such as RWS Language Weaver or ModelFront have introduced Machine Translation Quality Estimation (MTQE). This new feature assesses the quality and reliability of machine translation output, enabling you to determine when human editing is needed.

To support this enhancement, Trados Studio has extended its machine translation capabilities, enabling you to check MTQE results directly in the Editor view to help streamline your post-editing efforts. The MTQE results are preprocessed by machine translation providers and displayed in Trados Studio in the new TQE panel.

Translations are color-coded as green, amber, or red based on accuracy, allowing you to focus on segments that need attention. You can also filter the results by color code to prioritize your workflow.

MTQE is available for cloud projects, but you can also use it offline by downloading preprocessed SDLXLIFF files. The only limitation to this method is that you will no longer have color coding on your results. To use MTQE at the time of writing, you need a subscription to a machine translation provider with quality estimation, custom workflows based on Trados Enterprise or Accelerate, and Trados Studio as a desktop client and online editor.

## Reinforced integration with the cloud

Cloud projects benefit from constant updates delivered in our cloud platform. Check the release highlights below and the full list of changes in the [Trados Studio Cloud Capabilities](#) release notes.

## Faster and more accurate progress reporting

We've adjusted the way Trados Studio handles reports and statistics in order to ensure more precise and realtime progress reporting of the accuracy of your translations.

## Leverage cloud-based resources in batch tasks

If you have a Trados Team, Trados Accelerate, or Trados Enterprise subscription, you can now leverage your cloud-based resources when running the **Analyze Files** or **Pre-Translate Files** batch tasks in Trados Studio.

This enhancement means that any cloud engines specified in the project settings will be fully used in the batch flow for both local and cloud projects (after downloading all files locally) in Trados Studio.

Your reports will accurately reflect the cloud resources leveraged, which means that all of the sophisticated features of the Analyze Files batch task are supported. You can now receive metrics on internal fuzzy leverage, find and export unknown and frequent segments, just

like for other project types, such as local or GroupShare projects.

## QA Checker settings for offline cloud packages

Trados Studio now ensures consistent QA Checker settings for offline cloud packages created from cloud projects. This enhancement is available in both the 2024 and 2022 versions of Studio, providing a seamless quality assurance experience across different project types, workflows and Studio versions..

## New Manager view for a streamlined project experience

This release of Trados Studio features the new Manager view. This view is designed to streamline your user experience by providing access to projects, files and reports all from within one view. It provides an alternative way of working with translation projects.

The existing Projects, Files and Reports views are available as well so you now have more options to work with projects in different ways.

## What's new in the Manager view in Trados Studio 2024

Trados Studio 2024 marks the official launch of the Manager view, which was previously available in its beta phase in Trados Studio 2022.

As part of the Manager view's full release, we have seamlessly integrated it into Trados Studio, and removed the toggle for enabling it. You can now open the **Manager** view from the left sidebar, just like any other view.

The newly-added support for cloud projects rounds out the package of all your most useful project management tools into a single optimized view. You can now perform all of your important actions such as downloading cloud projects, opening projects, working on them, viewing statistics and more, all from the **Manager** view.

Another addition to the **Manager** view is the **Timeline**, which takes the form of a Gantt chart in the right sidebar. The Timeline provides a visual representation of important project information, such as start dates, deadlines, and progress. You can easily edit start or deadline dates directly from the Timeline, ensuring your projects stay on track. Look forward to more advanced features in future releases as we continue to expand the Timeline's capabilities.

When working on GroupShare projects, comments added when checking in files can now be viewed directly in the **Manager** view, regardless if the check in was made from Trados Studio or Trados GroupShare.

We have also focused on enhancing the user experience in the **Reports** tab, making it more intuitive and efficient to browse and select reports.

As part of our ongoing commitment to better accessibility, we've also made significant improvements to ensure that users who rely on screen readers and keyboard navigation can efficiently interact with the Manager view. We have properly labeled multiple elements for screen readers and optimized the reading order to follow a logical sequence. Additionally, we've enhanced keyboard navigation, making it easier to navigate through sections of the Manager view using the **Tab** or arrow keys.

For more information about the **Manager** view, see [Working with the Manager view](#).

## Enhanced accessibility and productivity thanks to platform modernization

We've made significant strides in modernizing Studio's technology foundation, building on the progress started in previous releases. We are now adding a new key advancement with the integration of the Microsoft UI Automation Framework (UIA). This integration enhances accessibility and opens up opportunities to interact with Trados Studio in new ways.

### Enhanced accessibility

By leveraging the power of UIA, Trados Studio now offers better support for assistive technologies. Screen readers, such as Jaws or NVDA, can now access critical information within the Editor, like segment status, segment numbers, as well as source and target text. Alternative input methods, such as braille keyboards can now be used to good effect within the Editor and also for creating projects.

#### Full accessibility throughout the project lifecycle

With UIA integration enabling accessibility in the Editor, Trados Studio now offers support for accessibility throughout the entire project roundtrip. From project creation and management to translation and delivery, every stage of the process is accessible, empowering visually-impaired translators to work with screen readers and other assistive technologies.

First, you can use the accessible project wizard to create new projects. Once the project has been prepared, you can then use the new accessibility features in Manager view to work on the project, translate the files in the Editor and eventually save the target files at the end of the project. With this enhancement, Trados Studio is now the most accessible and feature-rich CAT tool on the market.

With this advancement, Trados Studio takes a significant step forward in ensuring that all users, regardless of their abilities, can fully participate in the translation process, and contribute their valuable skills and expertise.

## Compatibility with UIA-based tools

You can now use powerful UIA-based tools directly within the Studio environment, so that you don't disrupt your workflow by switching between environments.

For example, [Grammarly](#), a popular app for English spelling and grammar checking, can now be integrated directly with the Editor, offering real-time, comprehensive feedback on your translations.

In addition to scanning segments for potential errors and inconsistencies, Grammarly can also provide AI-powered suggestions to enhance your translations.

## Automation possibilities

UIA integration also means that you can now automate Trados Studio using UIA-powered AutoHotKey scripts, enabling powerful customization and automation options. AutoHotKey is a general solution for automating applications, and it now works better than ever with Trados Studio when leveraging UIA in your AutoHotKey scripts.

## Development opportunities

If you are a developer, you can now leverage UIA's APIs and libraries to create custom plugins for extending Trados Studio's functionality.

Check our API what's new page [here](#) for the latest information about this and other API updates in Trados Studio 2024.

## Modernized terminology integration

We've made significant improvements in terminology integration between Trados Studio and MultiTerm.

In this release, we have significantly enhanced the integration between Trados Studio and MultiTerm, making term recognition more robust while paving the way for Studio's integration with third-party terminology solutions.

Key improvements include:

- The **Term Recognition** window now displays the fuzzy match score next to each term, providing a clearer indication of the term's relevance.
- Terminology Verification has been enhanced to accurately identify and flag duplicate terms within the same segment.
- Improved handling of source terms in non-Latin languages.
- Cleaner integration for third-party terminology app providers, allowing for more seamless integration with Trados Studio.

## Changed default shortcuts

Find out which shortcuts were modified.

We changed some of the default shortcuts as a side effect of the previous ones not working properly. The changes done are the following:

- ALT + C - Concordance search
- ALT + T - Translation Results
- F6 - Editor

## Trados Studio API changes

This release of Trados Studio adds several enhancements to Trados Studio Automation, notably in the **Sdl.TranslationStudioAutomation.IntegrationApi** and **Sdl.Terminology.TerminologyProvider.Core** libraries. These updates include new classes, interfaces, and methods designed to extend functionality and improve accessibility.

Key improvements include:

- The ability to compute the edit distance between segments
- Enhanced retrieval of word counts
- Improved management of term recognition results
- Updates to the *IStudioDocument* interface
- Enhanced terminology export and import capabilities

If you are a third-party developer, be sure to check the full list of API changes in the [Trados Studio API release notes](#).

## AppStore updates

RWS and third-party developers are constantly adding new Trados Studio apps to our AppStore. To ensure compatibility with Trados Studio 2024, developers need to update their apps to integrate with the latest APIs and feature enhancements. For more information, see [How to update plugins to Trados Studio 2024](#) and the [API release notes](#).

Studio users will only need to install their preferred apps through the integrated appstore to make sure that they are using versions suitable for use with the Studio 2024 edition.

# File types and core components changes

This section contains an overview of changes and improvements brought to file types and core components in this release.

## General

- Fixed an issue where Trados Studio did not display the name of the originating Translation Memory (TM) in match results when working with cloud projects that used the Language Cloud Translation Engine, aligning Studio's functionality with the Online Editor and providing translators with essential information for their workflow. (CRQ-33178)
- Segments containing different types of numbers, with or without separators, are now auto-propagated correctly, according to the number format from the TM settings. (CRQ-25551)
- Fixed a performance issue that resulted in longer waiting times when opening for translation files that contained SmartArt and formatting, with Turkish or Arabic as the source language. (CRQ-36512)

## Microsoft Word

- Trados Studio now ensures smooth opening of .DOCX files with comments, regardless of the comment extraction setting, resolving the following error message that would sometimes occur in this context: *"The document cannot be processed since it contains unexpected contents"*. (CRQ-37147, CRQ-3507)
- Fixed a segmentation issue where text with comments was incorrectly extracted outside of the segments when working with a specific .DOCX file. (CRQ-37711)

## HTML5

- When the **Read as Character** option is enabled and the **Write as Entity** option is disabled in the cloud **File Type Configurations** settings for HTML5 files, the "apos" and "quot" entities are now correctly rendered as their corresponding characters (' and ") in the generated target files, ensuring that the output accurately reflects the desired formatting and maintains the integrity of the translated content. (CRQ-37050)

## Added support for language variants

- We have introduced support for the custom language Russian-Israel (RU-IL), enabling users to accurately localize content for the Russian-speaking audience in Israel. (CRQ-31539)
- We have deprecated the legacy support for Hmong using the language code **zh-x-hmn-SDL** and replaced it with dedicated support for Hmong (hmn) and Hmong Daw (hmn-mww) to provide a more accurate and inclusive representation of the Hmong language variants. (CRQ-35268)



- We have aligned the language support in Trados Studio with recent Windows 11 additions:
- nds-DE (Low German (Germany)), nds-NL (Low German (Netherlands)), doi-Deva-IN (Dogri (Devanagari, India)), ff-Adlm-SN (Fulah (Adlam, Senegal)), mai-IN (Maithili (India)), ccp-Cakm-BD (Chakma (Chakma, Bangladesh)), ccp-Cakm-IN (Chakma (Chakma, India)), pcm-Latn-NG (Nigerian Pidgin (Latin, Nigeria)), ceb-Latn-PH (Cebuano (Latin, Philippines)), sat-Olck-IN (Santali (Ol Chiki, India)), su-Latn-ID (Sundanese (Latin, Indonesia)), ff-Adlm-BF (Fulah (Adlam, Burkina Faso)), ff-Adlm-CM (Fulah (Adlam, Cameroon)), ff-Adlm-GH (Fulah (Adlam, Ghana)), ff-Adlm-GM (Fulah (Adlam, Gambia)), ff-Adlm-GN (Fulah (Adlam, Guinea)), ff-Adlm-GW (Fulah (Adlam, Guinea-Bissau)), ff-Adlm-LR (Fulah (Adlam, Liberia)), ff-Adlm-MR (Fulah (Adlam, Mauritania)), ff-Adlm-NE (Fulah (Adlam, Niger)), ff-Adlm-NG (Fulah (Adlam, Nigeria)), ff-Adlm-SL (Fulah (Adlam, Sierra Leone))

## Deprecated support for legacy file types

As part of our continuous evolution and focus on providing the most relevant and up-to-date file type support, several file types have reached their End of Life (EoL) status and will no longer be supported starting with Trados Studio 2024:

- FrameMaker 8.0 v 2.0.0.0
- XML1
- SubRip

These file types have been replaced by more current versions for a long period of time across several Trados Studio releases. For example, the SubRip file type using the `*.srt` format was replaced by the Subtitle file type for a long time. Besides supporting the `*.srt` format, the newer Subtitle file type supports all of the following formats: `*.vtt`, `*.sbv`, `*.sub`, `*.ttml`, `*.xml` and `*dfxp`.

Even with these old file types end-of-lived, you will still be able to work on SDLXLIFF files based on these types in Studio 2024, but you won't be able to preview or save as target. This means you can roundtrip such files and send them back to your work giver who may still use the old file types.



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## **Issues resolved in Trados Studio 2024**

This list details the issues that were resolved in the Trados Studio 2024 release.

- The **Terminology Verification** has been enhanced to accurately identify and flag duplicate terms within the same segment, reducing false positive alerts. The overall performance of this functionality has been optimized for improved efficiency. (CRQ-34629, CRQ-35879)
- The **Find and Replace** functionality has been enhanced to accurately identify and replace instances of double whitespaces within the text. (CRQ-36842)
- Fixed an issue during the project creation process where the number of matched files appeared truncated after adding them during the **Add Matching Files** step. (CRQ-27511)
- Fixed an issue where opening a return package directly from Windows File Explorer would unnecessarily consume a network license seat, when the package was not present in the project list. (CRQ-35993)
- Fixed an issue that would result in multiple Log in windows being opened after leaving Trados Studio open for more than 12 hours and attempting to log in again. (CRQ-36529)
- Fixed an issue when working with files from cloud projects that caused the confirmation statistics and progress bar to reset after a few seconds and then take a long time to update. (CRQ-37101)
- Fixed a large number of *'The concordance search window is not available'* and *'Fragment matches window'* errors happening in the background in Trados Studio whenever Concordance search was used. (CRQ-37512)
- Fixed an issue that occurred in specific scenarios, where non-printing characters were not being correctly displayed within the target segments. (CRQ-36199)
- An issue that caused Trados Studio to fail to start with the *'Failed to initialize view ProjectView'* error after selecting the **Overdue** option in the **Due Date** dropdown menu has been fixed. (CRQ-37214)
- The flags for English (India) and English (Ireland) are now correctly displayed. (CRQ-38219)
- Fixed an issue with the **Termbase Search** to accurately display results when the **Source contains synonyms** filter is applied. (CRQ-33020)
- Fixed an issue that prevented source terms in non-Latin languages from displaying in the **Term Recognition** window, even when they had a 100% match during manual searches in the **Termbase Search**. (CRQ-37449, CRQ-37564)
- Fixed a sorting issue in the **Termbase Search** results where the results were previously displayed with scores from Low to High instead of High to Low. (CRQ-37442)
- Fixed an issue where **Terminology Verification** sometimes failed to identify and flag terms present in the termbase, but not used or referenced within the translated content. (CRQ-35141, CRQ-34629)
- An issue that caused Trados Studio to fail when connecting to a Trados GroupShare server if the username contained the special character '#' has been fixed. (CRQ-37602)
- Fixed an issue where locked tags from the **Translation Results** window would be displayed between blue marks instead of purple. (CRQ-5743)
- Fixed an issue with the TQA (Translation Quality Assessment) Pass/Fail threshold being calculated on character count instead of word count when the scoring settings are set to count words. (CRQ-25391)

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## **File types and core components changes**

This section contains an overview of changes and improvements brought to file types and core components in this release.

### General

- Fixed an issue where Trados Studio did not display the name of the originating Translation Memory (TM) in match results when working with cloud projects that used the Language Cloud Translation Engine, aligning Studio's functionality with the Online Editor and providing translators with essential information for their workflow. (CRQ-33178)
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## 4 File types and core components changes

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**Known issues**

This section lists the limitations associated with Trados Studio 2024.

## Studio startup error when uninstalling certain plug-ins

After uninstalling certain plug-ins and restarting Studio when prompted, you may see an error when Studio restarts. When this error happens, we recommend that you confirm the error message and start Studio manually. This error means that the uninstalled plug-in has not been fully removed yet before the restarting process kicked in. If you wait for a few seconds, the uninstallation process will complete and you can start Studio manually. We will address this issue in a future update of the app store within Studio.

## Minor behavior change when editing or deleting a TQA

In previous releases, after adding the TQA, the **Delete TQA** and **Edit TQA** options were enabled by default. We are aware that in order to perform these actions now you must first activate the TQA view, by going to **View > Information > TQAs**. The **Edit TQA** and **Delete TQA** will be enabled and available to use. We will fix this change as soon as possible.

## Preview functionality and CTRL+Shift+P shortcut are unavailable for the first file opened in Editor after Studio installation or restart

When opening a file in the Editor for the first time after starting Studio, the preview functionality and the CTRL+Shift+P shortcut may be unavailable. We recommend closing the file and reopening it before using the preview again. This behavior will be addressed in an upcoming release of Studio 2024.

## Expected Chinese source terms not shown as recognized in Studio

Studio does not currently find expected Chinese source terms in the **Term Recognition** window, although they are found with a 100% matching score when running a manual **Termbase Search**. This issue will be addressed in a future update.

## Editor view shows an unexpected layout for a few seconds when opening the first file

We are aware that after starting Trados Studio and opening the first file from a project, the Editor display shows an unexpected layout for a few seconds until going back to normal and showing the file in the Editor. This only happens when opening the first file after starting Studio and does not re-occur for any subsequent file openings. This issue will be addressed in a future update.

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## **Installing Trados Studio**

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

For step-by-step instructions on how to install and maintain Trados Studio 2024, see the [Installation Guide](#).

# Installation requirements

## Hardware requirements

- A Microsoft Windows-based PC or an Apple Mac computer running Windows as an operating system
- Up to 2.5 GB of available disk space to run the Trados Studio 2024 installer
- 2 GB of available disk space to run Trados Studio

## Operating Systems

### Supported OS

- Trados Studio 2024 runs on the latest build of Windows 11 and Windows 10
- Trados Studio also supports Windows Server 2022 and Windows Server 2019. As a general rule, Trados Studio tries to support the operating systems officially supported by Microsoft.

### Unsupported OS

Trados Studio does not support earlier operating systems such as:

- Windows 8
- Windows 7
- Windows Vista
- Windows XP
- Windows 2003 Server

### Recommended OS

RWS recommends that you use Windows 11 or 10 because they are the current and best supported OS from Microsoft.

## 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 and upgrading

### Trados Studio 2024 installation

You can download the Trados Studio 2024 installer from your [account](#).

When installing Trados Studio 2024, make sure that you have administrator rights and that no other software is running.

Trados Studio 2024 installs side-by-side with previous major versions of Trados Studio. After installing Trados Studio, we recommend that you install MultiTerm 2024 also for full terminology-related functionality. See the [MultiTerm Installation Guide](#) for more information.

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

---

**Note:** The installation order does not matter. After installation, please remember that any apps you may use need to be reinstalled from the **Add-Ins > RWS AppStore** menu.

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## **Licensing Trados Studio**

For detailed instructions on how to activate permanent or subscription Trados Studio licenses, see the [Licensing Help](#).

For any licensing or installation issues, contact support here:  
<https://gateway.sdl.com/liveagentlicensing>

## Upgrading from Trados Studio 2022 SR2

After upgrading from Trados Studio 2022 SR2 to Trados Studio 2024, your original license will be automatically removed from your account.

If you want to use Trados Studio 2024 side-by-side with Trados Studio 2022 SR2, you can use both on the same machine using the Trados Studio 2024 license. This is only possible for single-user licenses.

## Upgrading from Trados Studio 2021, 2019

After upgrading from Trados Studio 2021 and 2019 to Trados Studio 2024, your original license will be automatically removed from your account. To continue using an older version, you should consider purchasing a full license instead of an upgrade.

If you want to try Trados Studio 2024 side-by-side with Trados Studio 2021 or 2019, you can use the 30-day trial that is available in Trados Studio 2024. You will only be able to upgrade from Trados Studio 2019 until the end of September 2024.

## Using Trados Studio 2024 with a network license

Trados Studio 2024 uses licensing technology based on SafeNet network licensing. To activate Trados Studio 2024 network licenses you need the latest version of Trados License Manager. At the time of Trados Studio 2024 release, the latest Trados License Manager version is version 17.

### Multiple product editions on a license server

In Trados Studio 2024, you can connect to a network license server that has multiple product licenses active and choose what Trados Studio edition to use. For more information on how to connect to a license server, see the [Licensing Help](#).



## Remote Desktop connections

When using a Remote Desktop Connection, you can run more than one instance of Trados Studio on the remote workstation; however, each instance will consume a network seat.

When using Remote Desktop Services or Citrix XenDesktop, you can only activate Trados Studio with a network license. Each user session consumes one network seat until all available seats are exhausted.

## Network licensing when upgrading from a previous version

### Upgrading from Trados Studio 2017, 2019, 2021 and 2022

If you are a Trados Studio 2017, 2019, 2021 or 2022 user upgrading to Trados Studio 2024 in a network-licensing scenario, upgrade to the latest version of Trados License Manager to activate the Trados Studio license.

### Upgrading from Trados Studio 2011 and 2014 pre-SP2

If you are a Trados Studio 2011 or 2014 pre-SP2 user upgrading to Trados Studio 2024 in a network-licensing scenario, install the new License Server Manager to activate the Trados Studio license. You can continue to use Trados Studio 2011 or 2014 pre-SP2 with network licensing using the legacy License Server Toolkit.





# Compatibility

This section lists the previous Trados Studio versions that Trados Studio 2024 is compatible with. It also offers information on special compatibility with other important software.

## Upgrading to Trados Studio 2024 and MultiTerm 2024

To avoid any usage incompatibility between Trados Studio and MultiTerm, you must upgrade both these products to their latest version.

### About this task

Trados Studio 2024 features a number of platform updates that may cause incompatibility challenges with some of the existing apps that work with language metadata.

New versions of such apps are made available with this Trados Studio release to ensure a smooth transition.

Apps will typically run in only one version of Trados Studio. Go to **Add-Ins > RWS App Store** to see and install all apps compatible with this release of Trados Studio.

### Procedure

1. Exit Trados Studio and MultiTerm, and close any Microsoft Office applications.
2. Log into your [account](#).
3. Go to the **LICENSES & SUBSCRIPTIONS** section and select **Licenses**.
4. Select **Your available Upgrades** and then select the **Upgrade** button corresponding to the licence of interest and if applicable the required quantity.
5. Follow the wizard-driven process.

## Compatibility with previous Trados Studio versions

Trados Studio 2024 can run alongside previous versions of Trados Studio.

### Compatibility with Trados Studio 2015, 2017, 2019, 2021 and 2022 versions

Trados Studio 2024 and Trados Studio 2015, 2017, 2019, 2021 and 2022 versions have the same project and package format.

#### Plug-in for Trados Studio 2024

You can also install Trados Studio 2024 alongside SDL Trados 2007, Trados Workbench and SDLX.

To open and work with files created in these legacy versions, first install the **Trados Compatibility and Migration Power Pack** app from the RWS AppStore. This free app adds

the infrastructure required to work with the following legacy files in Trados Studio 2021 and later:

- S-tagger
- Bilingual Workbench
- \*.TMW
- \*.MDB
- \*.ITD
- \*.TTX

To install the app, go to the **Add-Ins** tab > **RWS AppStore** or visit <https://appstore.rws.com>.

## Compatibility of older TMs with Trados Studio 2024

When using a TM from an earlier Trados Studio release with the latest Trados Studio release, you will have no problem accessing its resources during translation. However, you may not be able to benefit from the latest TM performance enhancements related to upLIFT fragment matches, upLIFT MatchRepair, fuzzy matches and context matches.

---

**Tip:** RWS recommends that you upgrade all your older or earlier TMs to the latest Trados Studio release version by using [one of the available Translation Memory Upgrade mechanisms](#). All TMs which require an upgrade (either because they are older or they require reindexing because their settings have changed) are flagged with an exclamation mark.

---

### Compatibility of cloud projects opened in Trados Studio 2021 - 2024 with older Studio versions

Starting with the Trados Studio 2021 - 2024 release, you can create, download, and work with cloud projects directly from Trados Studio. Cloud projects that you download locally in Trados Studio 2021 - 2024 cannot be opened in previous versions of Trados Studio that might be installed side-by-side with Trados Studio 2021 - 2024 on your machine. This is because previous versions of Trados Studio use different mechanisms to open cloud projects and do not support the latest refinements.

However, cloud projects are also compatible with Trados Studio 2019 and 2017. If you work with Trados Studio 2019, you can download them using the **Open in Studio** button in the browser user interface. It is also possible to download project packages from the browser. These are compatible with Trados Studio 2024, 2022, 2021, 2019 and 2017.

## Compatibility with other software

### Passolo

Trados Studio 2024 is compatible with Passolo 2022 CU4 or later.

### MultiTerm Desktop

You can use MultiTerm 2024 on the same computer as Trados Studio 2024.

Trados Studio 2024 does not work with MultiTerm 2022 and below.

### AppStore plugins

Trados Studio 2024 introduces several terminology capability updates that may result in compatibility issues with certain existing apps, particularly those that use terminology capabilities. Although new versions of these apps are not bundled with this Studio release, many have been updated and are available through the integrated AppStore in Trados Studio, or by download from the RWS AppStore.

Apps will typically run in only one version of Trados Studio. Go to **Add-Ins > RWS App Store** to see and install all apps compatible with this release of Trados Studio.

Please note that not all apps will have been updated yet for compatibility with Trados Studio 2024 and it is possible an incompatible app could attempt to load into Studio. If you encounter any problems, please report them in the RWS Community using this [link](#).

### GroupShare

Trados Studio 2024 is compatible with Trados GroupShare 2020 CU8 or newer. However, we strongly recommend for our end users who use Trados GroupShare, to upgrade to GroupShare 2020 CU10 or later for better compatibility.

Trados Studio 2024 does not work with Trados GroupShare 2020 CU7 and below.

### Trados cloud

Cloud projects are compatible with Trados Studio 2022, 2021, 2019 and 2017. In Trados Studio 2024, you can create and work with cloud projects both from Trados Studio and your cloud account. If you work with Trados Studio 2019 or earlier, you can download cloud project packages from the browser and open them from Trados Studio using the **Open in Studio** button in the browser user interface. As a general recommendation, we advise that you always use the latest Trados Studio release for maximum compatibility and performance with cloud projects.

### TMS

Trados Studio 2024 is compatible with all bilingual files and packages created in TMS 12.7.

### TMS and Trados Studio extraction settings

Currently, TMS does not include an auto-update feature to immediately match the changes that Trados Studio makes to its File Types via Cumulative Updates. This means that sometimes you may find differences between file content extracted as translatable text in Trados Studio and in TMS. To ensure full compatibility between Trados Studio and TMS, RWS recommends that you use the version of Trados Studio that contains the same set of File Types as your TMS. You can also manually configure the TMS Content Types settings to synchronize the content extraction logic.

For more information on which version of Trados Studio is in line with TMS, contact [RWS Support](#) or check the TMS release notes.

### WorldServer

Starting with the 2021 release, Trados Studio has migrated support for WorldServer projects to a dedicated app available in the RWS AppStore. To work with bilingual files and packages, including Live TM connections, created in WorldServer 11.x and 10.4.5, go to the **Add-ins tab > RWS AppStore** and install the free **WorldServer Compatibility Pack for Studio**.

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## Supported releases

Trados Studio 2024 is the most recent fully supported release of Trados Studio.

RWS continues to support Trados Studio 2022 as the limited support release.

For Trados Studio 2022, RWS will issue service releases and cumulative updates as and when required.

## Retired releases

With the release of Trados Studio 2024, Trados Studio 2021 will be moved to an End-of-Life state by the end of the year 2024, along the following already retired versions: Trados Studio 2019, Trados Studio 2017, 2015, 2014, 2011 and 2009.



**10**

# **Localization**

The user interface Trados Studio 2024 is available in the following languages:

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



## **Further information**

This section lists the resources available for getting more help and information on Trados Studio 2024.

## Help

### Trados Studio Help

The Help for Trados Studio 2024 is available by selecting **Help tab > Help Topics** in Trados Studio. You can also go to the [RWS Documentation Center](#) to access the Trados Studio Help. Here you can find links to:

- Information on installing and upgrading to Trados Studio 2024
- Videos and information on how to get started with Trados Studio
- Help topics about working with Trados Studio, Trados GroupShare, and Trados cloud projects.

### Trados GroupShare Help

If you are working with Trados GroupShare projects, you may also find the [Trados GroupShare Help](#) useful. Here you can find links to:

- Information on installing and upgrading Trados GroupShare
- Help topics describing how to work with Trados GroupShare

### Cloud projects Help

If you are working with cloud projects, you may also find the [Cloud workflow](#) section in the Online Help useful. Here you can find links to:

- Help topics describing how to work with cloud projects

For a step-by-step guide on how to get started, see [Getting started with cloud capabilities](#)

### MultiTerm Help

For information on working with termbases, see the [MultiTerm Help](#).

## 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.

## Creating a Support and Maintenance contract

You need valid Support and Maintenance contract to log a support case. To see your Support options go to your RWS Account:

**Procedure**

1. Go to [www.rws.com](http://www.rws.com) .
2. Select **Account login** and log in with your email and password.
3. Select your profile name and then **Support**
4. Complete registration by filling in your details.  
If you have any other issues regarding Trados Studio, go to the Trados forum on the [RWS Community](#) .



**12**

# **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

Copyright: Copyright © ZZZ Projects Inc.

License type: MIT

License details: "<https://github.com/zzzprojects/html-agility-pack/blob/v1.11.16/LICENSE>" on page 0

**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

Copyright: Copyright © 2007-2019 SIL International

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

Copyright: Copyright (c) 2016-2017 SIL International

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

License type: Apache 2.0

License details: "<https://github.com/apache/logging-log4net/blob/rel/2.0.14/LICENSE>" on page 0

**MahApps.Metro**

Version: 2.4.10

Vendor: Jan Karger, Dennis Daume

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

License type: MIT

License details: "<https://github.com/MahApps/MahApps.Metro/blob/2.4.10/LICENSE>" on page 0

**Markdig.Signed**

Version: 0.31.0

Vendor: Alexandre Mutel

Copyright: Copyright (c) 2018-2019, Alexandre Mutel. All rights reserved.

License type: BSD-2-Clause

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

**MaterialDesignColors**

Version: 3.0.0

Vendor: James Willock

Copyright: Copyright 2015 James Willock/Mulholland Software Ltd

License type: MIT

License details:

"<https://github.com/MaterialDesignInXAML/MaterialDesignInXamlToolkit/blob/v4.3.0/LICENSE>" on page 0

**MaterialDesignThemes**

Version: 5.0.0

Vendor: James Willock

Copyright: Copyright 2015 James Willock/Mulholland Software Ltd

License type: MIT

License details:

"<https://github.com/MaterialDesignInXAML/MaterialDesignInXamlToolkit/blob/v4.3.0/LICENSE>" on page 0

**MaterialDesignThemes.MahApps**

Version: 1.0.0

Vendor: James Willock

Copyright: Copyright 2015 James Willock/Mulholland Software Ltd

License type: MIT

License details:

"<https://github.com/MaterialDesignInXAML/MaterialDesignInXamlToolkit/blob/master/LICENSE>" on page 0

**Microsoft.ApplicationInsights**

Version: 2.22.0

Vendor: Microsoft

Copyright: Copyright (c) 2015 Microsoft

License type: MIT

License details:

"<https://github.com/microsoft/ApplicationInsights-dotnet/blob/v2.2.0/LICENSE>" on page 0

**Microsoft.AspNet.WebApi.Client**

Version: 6.0.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: Apache 2.0

License details:

"<https://www.nuget.org/packages/Microsoft.AspNet.WebApi.Client/6.0.0/License>" on page 0

**Microsoft.AspNetCore.Connections.Abstractions**

Version: 8.0.3

Vendor: Microsoft, aspnetcore

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/aspnetcore/blob/v8.0.3/LICENSE.txt>" on page 0

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

Version: 8.0.3

Vendor: Microsoft, aspnet

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/aspnetcore/blob/v8.0.3/LICENSE.txt>" on page 0

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

Version: 8.0.3

Vendor: Microsoft, aspnet

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/aspnetcore/blob/v8.0.3/LICENSE.txt>" on page 0

**Microsoft.AspNetCore.JsonPatch**

Version: 8.0.3

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MS-PL

License details: "<https://github.com/dotnet/aspnetcore/blob/v8.0.3/LICENSE.txt>" on page 0

**Microsoft.AspNetCore.SignalR.Client**

Version: 8.0.3

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/aspnetcore/blob/v8.0.3/LICENSE.txt>" on page 0

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

Version: 8.0.3

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/aspnetcore/blob/v8.0.3/LICENSE.txt>" on page 0

**Microsoft.AspNetCore.SignalR.Common**

Version: 8.0.3

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/aspnetcore/blob/v8.0.3/LICENSE.txt>" on page 0

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

Version: 8.0.3

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/aspnetcore/blob/v8.0.3/LICENSE.txt>" on page 0

**Microsoft.Bcl.AsyncInterfaces**

Version: 8.0.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/runtime/blob/v8.0.0/LICENSE.TXT>" on page 0

**Microsoft.Bcl.HashCode**

Version: 1.1.1.0

Vendor: Microsoft, dotnetframework

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/runtime/blob/main/LICENSE.TXT>" on page 0

**Microsoft.Bcl.TimeProvider**

Version: 8.0.1

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/runtime/blob/v8.0.1/LICENSE.TXT>" on page 0

**Microsoft.CSharp**

Version: 4.7.0

Vendor: Microsoft

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License type: MIT

License details: "<https://github.com/dotnet/runtime/blob/master/LICENSE.TXT>" on page 0

**Microsoft.Extensions.Configuration**

Version: 8.0.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/runtime/blob/master/LICENSE.TXT>" on page 0

**Microsoft.Extensions.Configuration.Abstractions**

Version: 8.0.0

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/runtime/blob/master/LICENSE.TXT>" on page 0

**Microsoft.Extensions.Configuration.Binder**

Version: 8.0.0

Vendor: Microsoft

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License type: MIT

License details: "<https://github.com/dotnet/runtime/blob/master/LICENSE.TXT>" on page 0

**Microsoft.Extensions.DependencyInjection**

Version: 8.0.0

Vendor: Microsoft, aspnet, dotnetframework

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/runtime/blob/v8.0.0/LICENSE.TXT>" on page 0

**Microsoft.Extensions.DependencyInjection.Abstractions**

Version: 8.0.1

Vendor: Microsoft

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License type: MIT

License details: "<https://github.com/dotnet/runtime/blob/v8.0.1/LICENSE.TXT>" on page 0

**Microsoft.Extensions.DependencyModel**

Version: 7.0.0

Vendor: Microsoft, aspnet, dotnetframework

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/core/blob/v7.0.0/LICENSE.TXT>" on page 0

**Microsoft.Extensions.Features**

Version: 8.0.3

Vendor: Microsoft

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/aspnetcore/blob/v8.0.3/LICENSE.txt>" on page 0

**Microsoft.Extensions.Http**

Version: 8.0.0

Vendor: Microsoft, aspnet, dotnetframework

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/runtime/blob/v8.0.0/LICENSE.TXT>" on page 0

**Microsoft.Extensions.Logging**

Version: 8.0.0

Vendor: Microsoft, aspnet, dotnetframework

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/runtime/blob/v8.0.0/LICENSE.TXT>" on page 0

**Microsoft.Extensions.Logging.Abstractions**

Version: 8.0.1

Vendor: Microsoft, aspnet, dotnetframework

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/runtime/blob/v8.0.1/LICENSE.TXT>" on page 0

**Microsoft.Extensions.Options**

Version: 8.0.2

Vendor: Microsoft, aspnet, dotnetframework

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/runtime/blob/v8.0.2/LICENSE.TXT>" on page 0

**Microsoft.Extensions.Primitives**

Version: 8.0.0

Vendor: Microsoft, aspnet, dotnetframework

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "<https://github.com/dotnet/runtime/blob/v8.0.0/LICENSE.TXT>" on page 0

**Microsoft.Identity.Client**

Version: 4.60.3

Vendor: Microsoft, AzureAD

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details:  
"<https://github.com/AzureAD/microsoft-authentication-library-for-dotnet/blob/4.60.3/LICENSE>"  
on page 0



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

Version: 4.60.3

Vendor: Microsoft, AzureAD

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details:

"<https://github.com/AzureAD/microsoft-authentication-library-for-dotnet/blob/4.60.3/LICENSE>"  
on page 0

**Microsoft.Identity.Client.NativeInterop**

Version: 0.16.0

Vendor: Microsoft, AzureAD

Copyright: © Microsoft Corporation. All rights reserved.

License type: MIT

License details: "" on page 0

**Microsoft.IdentityModel.Abstractions**

Version: 7.4.1

Vendor: Microsoft, AzureAD

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License type: MIT

License details:

"<https://github.com/AzureAD/azure-activedirectory-identitymodel-extensions-for-dotnet/blob/dev/LICENSE>"  
on page 0

**Microsoft.IdentityModel.JsonWebTokens**

Version: 7.4.1

Vendor: Microsoft, AzureAD

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License type: MIT

License details:

"<https://github.com/AzureAD/azure-activedirectory-identitymodel-extensions-for-dotnet/blob/dev/LICENSE>"  
on page 0

**Microsoft.IdentityModel.Logging**

Version: 7.4.1

Vendor: Microsoft, AzureAD

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License type: MIT

License details:

"<https://github.com/AzureAD/azure-activedirectory-identitymodel-extensions-for-dotnet/blob/dev/LICENSE>"  
on page 0

**Microsoft.IdentityModel.Tokens**

Version: 7.4.1

Vendor: Microsoft, AzureAD

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License type: MIT

License details:

"<https://github.com/AzureAD/azure-activedirectory-identitymodel-extensions-for-dotnet/blob/dev/LICENSE>" on page 0

**Microsoft.Office.Interop.Outlook**

Version: 15.0.4797.1004

Vendor: Camron Bute

Copyright:

License type:

License details: "" on page 0

**Microsoft.Office.Interop.Word**

Version: 15.0.4797.1004

Vendor: Camron Bute

Copyright:

License type:

License details: "" on page 0

**Microsoft.Web.WebView2**

Version: 1.0.2210.55

Vendor: Microsoft, webview

Copyright: © Microsoft Corporation. All rights reserved.

License type:

License details:

"<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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License type: MIT

License details: "<https://github.com/microsoft/XamlBehaviorsWpf/blob/v1.1.77/LICENSE>" on page 0

**murmurhash-signed**

Version: 1.0.2

Vendor: Darren Kopp

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License type: Apache 2.0

License details:

"<https://github.com/darrenkopp/murmurhash-net/blob/master/LICENSE.md>" on page 0

**NETStandard.Library**

Version: 2.0.3.0

Vendor: Microsoft, dotnetframework

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License type: MIT

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**Newtonsoft.Json**

Version: 13.0.3

Vendor: James Newton-King

Copyright: Copyright (c) 2007 James Newton-King

License type: MIT

License details:

"<https://raw.githubusercontent.com/JamesNK/Newtonsoft.Json/master/LICENSE.md>" on page 0

**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>" on page 0

**Sdl.MultiSelectComboBox**

Version: 1.0.77

Vendor: RWS

Copyright: Copyright © RWS

License type: Apache 2.0

License details: "<https://github.com/RWS/Multiselect-ComboBox/blob/master/LICENSE>" on page 0

### **Sharpcompress**

Version: 0.36.0

Vendor: Adam Hathcock

Copyright: Copyright (c) 2014 Adam Hathcock

License type: MIT

License details:

"<https://github.com/adamhathcock/sharpcompress/blob/0.36.0/LICENSE.txt>" on page 0

### **SharpZipLib**

Version: 1.4.1.0

Vendor: ICSharpCode

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License type: MIT

License details: "<https://github.com/icsharpcode/SharpZipLib/blob/v1.4.1/LICENSE.txt>" on page 0

### **SimpleInjector**

Version: 5.4.4

Vendor: Simple Injector Contributors

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License type: MIT

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### **SmartThreadPool**

Version: 2.3.0

Vendor: Ami Bar

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License type: MS-PL

License details: "<https://github.com/amibar/SmartThreadPool/blob/v2.3.0/LICENSE>" on page 0

### **System.Buffers**

Version: 4.5.1

Vendor: Microsoft

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**System.Collections.Immutable**

Version: 8.0.0

Vendor: Microsoft, dotnetframework

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License type: MIT

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**System.IdentityModel.Tokens.Jwt**

Version: 7.4.1

Vendor: Microsoft, AzureAD

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License details:

"<https://github.com/AzureAD/azure-activedirectory-identitymodel-extensions-for-dotnet/blob/7.4.1/LICENSE>" on page 0

**System.IO.Abstractions**

Version: 4.2.17

Vendor: Tatham Oddie

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"<https://github.com/System-IO-Abstractions/System.IO.Abstractions/blob/main/LICENSE>" on page 0

**System.IO.Pipelines**

Version: 8.0.0

Vendor: Microsoft, aspnet, dotnetframework

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**System.Memory**

Version: 4.5.5

Vendor: Microsoft

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**System.Net.Http**

Version: 4.3.4

Vendor: Microsoft

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**System.Numerics.Vectors**

Version: 4.5.0

Vendor: Microsoft

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**System.Reactive**

Version: 6.0.0

Vendor: .NET Foundation and Contributors

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**System.Reflection.Metadata**

Version: 5.0.0

Vendor: Microsoft, dotnetframework

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**System.Reflection.TypeExtensions**

Version: 4.7.0

Vendor: Microsoft, dotnetframework

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**System.Runtime.CompilerServices.Unsafe**

Version: 6.0.0

Vendor: Microsoft

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

Version: 8.0.0

Vendor: Microsoft, aspnet, dotnetframework

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

Version: 8.0.0

Vendor: Microsoft, dotnetframework

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

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

Version: 8.0.0

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

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**System.Threading.Tasks.Extensions**

Version: 4.5.4

Vendor: Microsoft

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**YamIDotNet**

Version: 8.1.0

Vendor: Antoine Aubry

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**ZstdSharp.Port**

Version: 0.7.4

Vendor: oleg-st

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