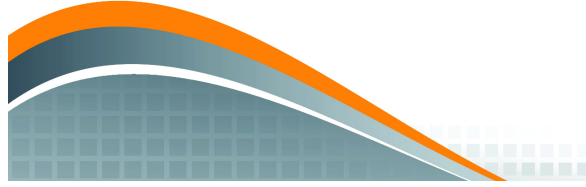


TMXEditor



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Introduction

TMXEditor is a cross-platform desktop application designed for editing **TMX** (Translation Memory eXchange) files on macOS, Linux and Microsoft Windows.

TMXEditor allows editing the content of multilingual TMX files.



Features

With TMXEditor you can:

- Edit segments of your TMX file to correct errors.
- Merge & split TMX files.
- Add and remove languages from a TMX file.
- Change languages in a TMX file.
- Remove duplicates.
- Remove untranslated units.
- Remove inline tags.
- Trim initial and trailing spaces.
- Consolidate translation units when the TMX file has three or more languages.
- Validate TMX files.
- Clean invalid XML characters from a TMX file.
- Convert CSV or TAB delimited files to TMX format.
- Export TMX files as TAB delimited files.




Supported Platforms

TMXEditor works on these Operating Systems:


- Microsoft Windows (8, 8.1 and 10)
- macOS High Sierra (10.13), Mojave (10.14), Catalina (10.15) and Big Sur (11.0)
- Linux (with GNOME Desktop Manager)

Getting Started



You can use TMXEditor to edit existing TMX files and also to create new TMX files, empty or from CSV/TAB delimited data.

-  [Editing an Existing TMX File](#)
-  [Create New TMX File](#)
-  [Convert CSV/TAB Delimited to TMX](#)

Editing an Existing File

1. In main menu, select **File** → **Open** option ([**Ctrl+O**] on Windows/Linux, [**Cmd+O**] on macOS) or click the  button on the top toolbar.
2. Use the dialog that appears to select a TMX file from the file system.


Once the selected TMX file is open, you can:

- Click on any text cell to start editing it. Click outside the cell or press [**Alt+Enter**] to save your changes. Press the [**ESC**] key to cancel your changes.
- To add new units to the TMX file, select **Edit** → **Insert Unit** in main menu or click the  button from the top toolbar.
- To delete one or more units:
 1. Select the check box in the leftmost column of the editing grid to mark the units that you want to remove
 2. Select **Edit** → **Delete Selected Units** in main menu or click the  button on the top toolbar.

Note

You can use the top-left checkbox to select/deselect all units at once.

- Use the [Filter Units](#) option to locate text in the file.
- Use the [Sort Units](#) option to display file entries sorted on a selected language.


After making changes to the TMX file, select **File** → **Save** in main menu ([**Ctrl+S**] on Windows/Linux, [**Cmd+S**] on macOS) or click the  button on the top toolbar to save your modifications.

Create New TMX File

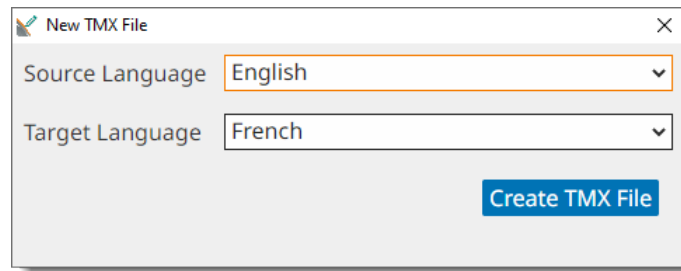
Follow these steps to create a new TMX file.

About this task

Procedure

1. In main menu, select **File** → **New File** option ([**Ctrl+N**] on Windows/Linux, [**Cmd+N**] on macOS) or click the  button from the top toolbar.

The following dialog appears:







2. Use the **Source Language** drop-down to select the language of source text.
3. Use the **Target Language** drop-down to select the target language.
4. Click the **Create TMX File** button.

A new file is displayed in the editing grid.

5. To add new entries, click on the ⊕ button on the top toolbar, or select **Edit** → **Insert Unit** in main menu.
6. Edit cells as explained in [Editing an Existing File](#) section.
7. To save the changes made to the file, select **File** → **Save** option ([Ctrl+S] on Windows/Linux, [Cmd+S] on macOS) in main menu, or click the 💾 button on the top toolbar.
8. Use the dialog that appears to indicate the name and location where the new TMX file will be saved.

Maintenance Tasks

TMXEditor maintenance options are

-  Maintenance Dashboard.
-  Sort TM Units
-  Filter Units
-  Search & Replace Text
- Change Language
- Add Language
- Remove Language
- Change Source Language
- Remove Inline Tags
- Remove Duplicated Units
- Remove Initial & Trailing Spaces
- Consolidate Translation Units
- Split TMX File
- Merge TMX Files


Maintenance Dashboard

Follow these steps to optimize a TMX file using a simplified dialog.

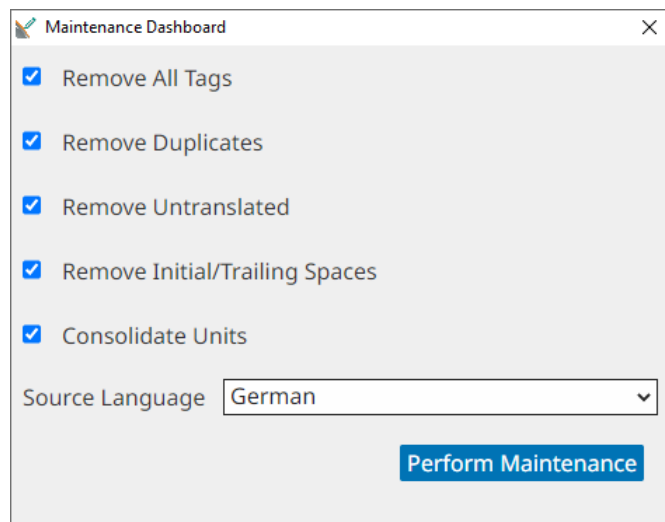
About this task

Maintenance Dashboard allows you to perform maintenance tasks in a simplified dialog that incorporates several actions available in **Tasks** menu.

Procedure

1. Open the TMX file that you want to modify.
2. In main menu, select **Tasks** → **Maintenance Dashboard** option or click the  button on the top toolbar.

The following dialog appears:



3. Select the corresponding checkboxes for all tasks that you want to perform:
 - **Remove All Tags:** remove all inline tags from the TMX file.
 - **Remove Duplicates:** remove duplicated translation units.
 - **Remove Untranslated:** remove all untranslated units.
 - **Remove Initial/Trailing Spaces:** remove spaces at the start and end of all language entries.
 - **Consolidate Units:** merge translation units that share a common source language entry.
4. If you selected **Remove Untranslated** or **Consolidate Units**, select the [source language](#) of the TMX file using the **Source Language** drop-down.
5. Click the **Perform Maintenance** button.

Results

A maintenance process is started and an indicator is displayed on screen while all selected tasks are performed.

Sort TM Units


Follow these steps to display the entries of your TMX file sorted on a selected language.

About this task

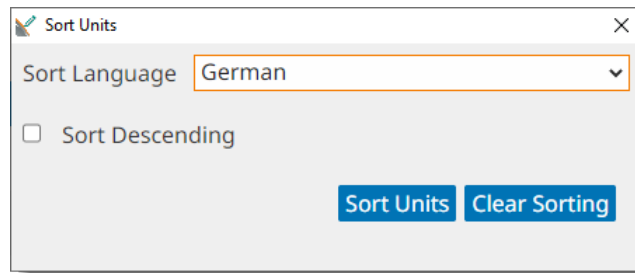
Data in a TMX file is stored without a particular order. Sometimes it may be useful to sort data according to a given language to facilitate editing.

Follow these steps to sort the content of a TMX file for review.

Procedure

1. In main menu, select **View** → **Sort Units** option ([F5]) or click on the  button on the top toolbar.

The following dialog appears:



2. Use the **Sort Language** drop-down to select the language used for sorting the file.
3. Select the **Sort Descending** check box if you want the units sorted in descending order. Clear the check box otherwise.
4. Click the **Sort Units** button.

Results

All units will be sorted according to the selected language. To display all units in the original order, reopen the dialog and click the **Clear Sorting** button.

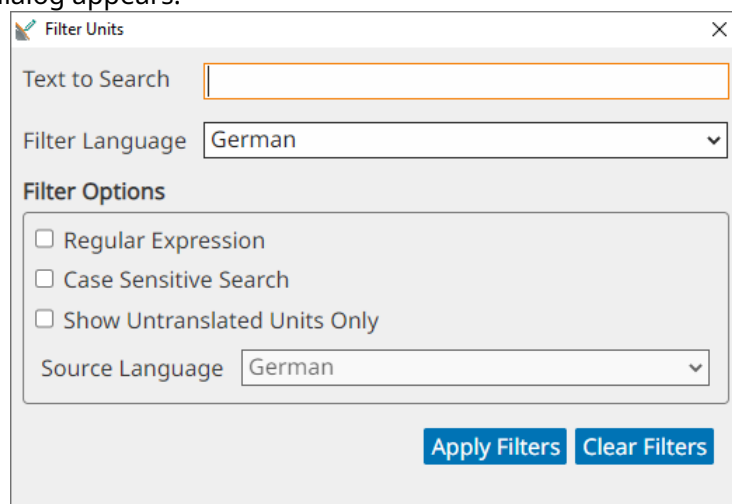
Filter Units

Follow these steps to filter units containing a given text or to display untranslated units.

Procedure

1. In main menu, select **View** → **Filter Units** option ([F3]) or click the  on the top toolbar.

The following dialog appears:



2. Select what to want to filter:
 - To locate and highlight a given text in the TMX file:
 - a. Type the text that you want to find in the **Text to Search** box.
 - b. Use the **Filter Language** drop-down to select the language where the search will be performed.

- c. Select the **Regular Expression** box if you want to use regular expressions for specifying the text to search.
 - d. Check the **Case Sensitive Search** box if you want to find only entries that match the case of the entered text.
- To display untranslated units only:
 - a. Check the **Show Untranslated Units Only** box.
 - b. Use the **Source Language** drop-down to select the source language that will be used when filtering.
3. Click the **Apply Filters** button.


Results

Filtering options will remain active until you reopen the **Filter Units** dialog and click the **Clear Filters** button.

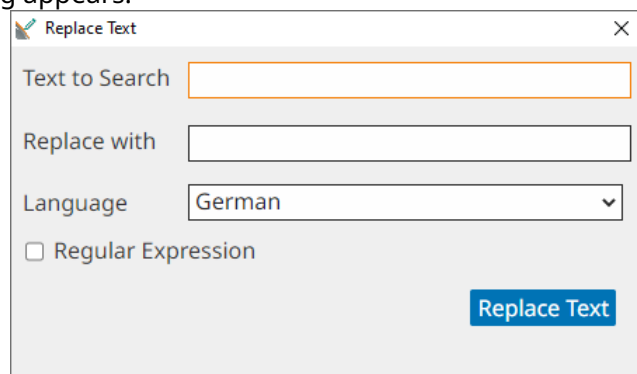
Search & Replace Text

Follow these steps to perform a global search & replace operation.

Procedure

1. Open the TMX file that you want to modify.
2. In main menu, select **Edit** → **Replace Text...** option ([**Ctrl+F**] on Windows/Linux, [**Cmd+F**] on macOS) or click the  button on the top toolbar.

The following dialog appears:



The image shows a 'Replace Text' dialog box with a title bar containing a close button (X). Inside the dialog, there are three text input fields: 'Text to Search', 'Replace with', and 'Language'. The 'Language' field is a dropdown menu currently showing 'German'. Below these fields is a checkbox labeled 'Regular Expression' which is currently unchecked. At the bottom right of the dialog is a blue button labeled 'Replace Text'.

3. Enter the text to replace in the **Text to Search** text box.
4. Enter the replacement text in the **Replace With** text box.
5. Use the **Language** drop-down to select the language column where the replacement should be performed.
6. Select the **Regular Expression** check box if you want to use regular expressions for specifying the text to search.
7. Click the **Replace Text** button.

Results

All exact appearances of the text in **Text to Search**, or fragments that match the given regular expression, are replaced with the text specified in the **Replace With** box.

Change Language

Follows these steps to change a language code used in a TMX file

About this task

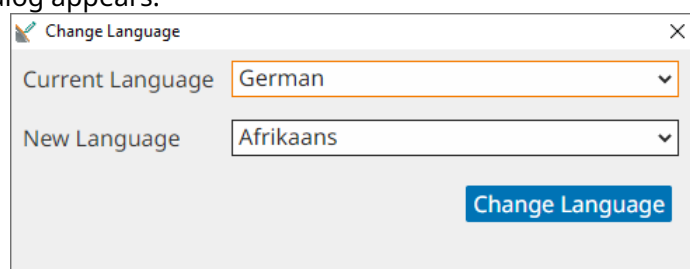
Most [Translation Memory](#) (TM) systems are sensitive to [language codes](#). A TM system may normally consider that the code "en" (English) is different from "en-US" (English for the United States) or "en-GB" (English for the United Kingdom)

TMXEditor allows you to change the language codes used in a TMX file.

Procedure

1. Open the TMX file that you want to modify.
2. In main menu, select **Tasks** → **Change Language...** option.

The following dialog appears:



3. Use the **Current Language** drop-down box to select the language that you want to change.
4. Use the **New Language** drop-down box to select the new language code.
5. Click the **Change Language** button.

The dialog closes and the editing window is refreshed to reflect the changes.

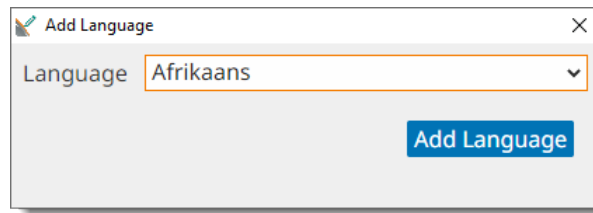
Add Language

Follow these steps to add a language to a TMX file.

Procedure

1. Open the TMX file that you want to modify.
2. In main menu, select **Tasks** → **Add Language...** option.

The following dialog appears:



3. Use the drop-down box to select the language to add.
4. Click the **Add Language** button.

The dialog closes and the editing window is refreshed to reflect the changes.

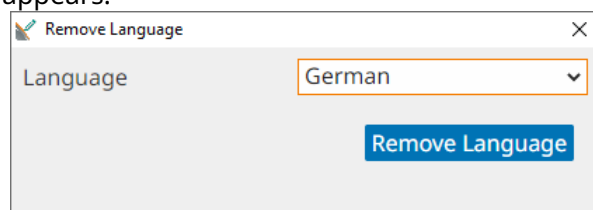
Remove Language

Follow these steps to remove a language from a TMX file.

Procedure

1. Open the TMX file that you want to modify.
2. In main menu, select **Tasks** → **Remove Language...** option.

The following dialog appears:



3. Use the drop-down box to select the language to remove.
4. Click the **Remove Language** button.

The dialog closes and the editing window is refreshed to reflect the changes.

Change Source Language

Follow the steps to change the source language of a TMX file.

About this task

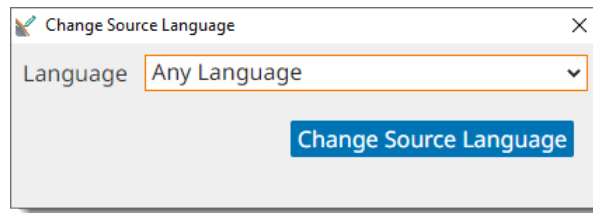
Some [translation memory](#) systems use bilingual TMX files and translate in only one direction.

Use this option to select the [source language](#) of your TMX file for systems that cannot translate in any direction.

Procedure

1. Open the TMX file that you want to modify.
2. In main menu, select **Tasks** → **Change Source Language...** option.

The following dialog appears:



3. Use the **Select Language** drop-down box to select the new source language.

The **Select Language** drop-down control includes **Any Language** as first entry. Use this option to indicate that the file can be used in any direction.

4. Click the **Change Source Language** button.

Remove Inline Tags

Follow these steps to remove inline tags from a TMX file.

About this task

The presence of inline tags may have an adverse effect when retrieving TM matches if a penalty is applied for missing or differences in inline tags.

Procedure

1. Open the TMX file that you want to clean.
2. In main menu, select **Tasks** → **Remove All Tags** option.

Results

A progress dialog is displayed while inline tags are removed. The editing window is refreshed to reflect the changes.

Remove Duplicated Units

Follow these steps to remove duplicated entries in a TMX file.

About this task

Duplicated [translation units](#) increase the size of a TMX file and slow down TM searches.

Procedure

1. Open the TMX file that you want to modify.
2. In main menu, select **Tasks** → **Remove Duplicates** option.

Results

A progress dialog is displayed while duplicated units are removed. The editing window is refreshed to reflect the changes.

Remove Untranslated Units

Follow these steps to remove untranslated units from a TMX file.

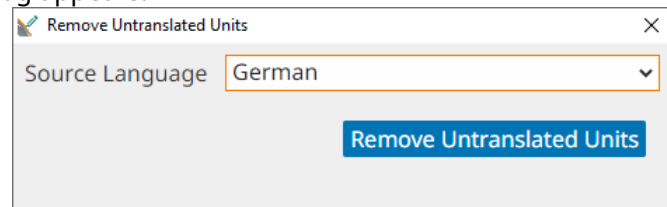
About this task

A translation unit that has just one <tuv> element that contains text is considered "untranslated". Untranslated units are hardly useful for retrieving matches from a [Translation Memory](#) system.

Procedure

1. Open the TMX file that you want to modify.
2. In main menu, select **Tasks** → **Remove Untranslated...** option.

The following dialog appears:



3. Use the **Source Language** drop-down to select the language to be considered language for removing units (it may differ from the source language set at file level).
4. Click the **Remove Untranslated Units** button.

A progress dialog is displayed while untranslated units are removed.

Results

The editing window is refreshed to reflect the changes.

Remove Initial & Trailing Spaces

Follow these steps to remove initial and trailing spaces from all segments of a TMX file.

About this task

Leading or trailing spaces may affect the match quality rating of matches retrieved from a translation memory system.

Procedure

1. Open the TMX file that you want to modify.
2. In main menu, select **Tasks** → **Remove Initial/Trailing Spaces** option.

Results

A progress dialog is displayed while spaces are removed. The editing window is refreshed to reflect the changes.

Consolidate Translation Units

Follow these steps to consolidate units in a TMX file with three or more languages.

About this task

In files with three or more languages, it is possible that translations of a given source text into different languages appear in different translation units, as illustrated by the following image.

#	en - English	es - Spanish	fr - French	it - Italian
<input type="checkbox"/> 1	one	uno		
<input type="checkbox"/> 2	two	dos		
<input type="checkbox"/> 3	one		une	
<input type="checkbox"/> 4	two		deux	
<input type="checkbox"/> 5	three	tres		
<input type="checkbox"/> 6	one			uno
<input type="checkbox"/> 7	two			due
<input type="checkbox"/> 8	three			tre

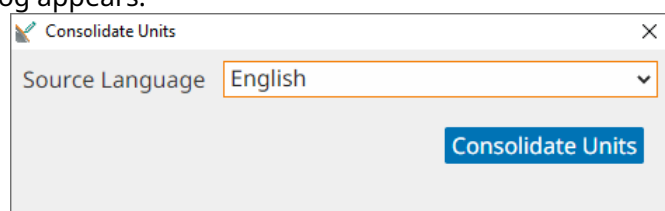
Consolidating units puts all related translations in the same unit. The following image shows the consolidated version of the one above.

#	en - English	es - Spanish	fr - French	it - Italian
<input type="checkbox"/> 1	one	uno	une	uno
<input type="checkbox"/> 2	two	dos	deux	due
<input type="checkbox"/> 3	three	tres		tre

Procedure

1. Open the TMX file that you want to consolidate.
2. In main menu, select **Tasks** → **Consolidate Units...** option.

The following dialog appears:



3. Use the **Source Language** drop-down to select the language to be considered language for merging units (it may differ from the source language set at file level).
4. Click the **Consolidate Units** button.

Results

A progress indicator is displayed while units are consolidated. The editing window is refreshed to reflect the changes.

Split TMX File

Follow these steps to split a TMX file in two or more parts.

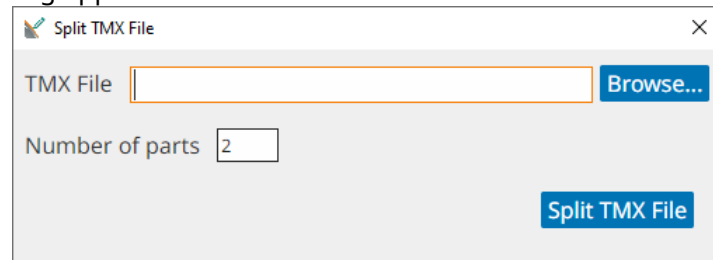
About this task

Sometimes a TMX file may be too big to be processed and splitting it into smaller pieces may help.

Procedure

1. In main menu, select **File** → **Split TMX File...** option.

The following dialog appears:



2. Enter the full name of the file to split in the **TMX File** box or click the **Browse...** button to select the file from the file system.
3. Select the number of parts in which you want to split the file.
4. Click the **Split TMX File** button.

Results

A progress dialog is displayed while the selected TMX file is split into the indicated number of smaller TMX files that are created in the same folder. The original document is left unchanged.

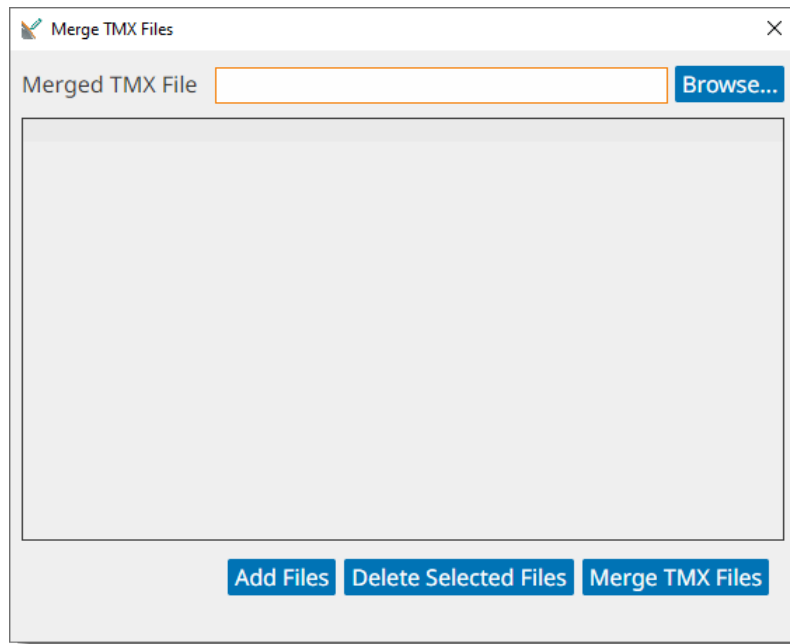
Merge TMX Files

Follow these steps to merge the content of two or more TMX files into a larger one.

Procedure

1. In main menu, select **File** → **Merge TMX Files...** option.

The following dialog appears:



2. Enter the full name of the file that will contain all merged data in the **Merged TMX File** box or click the **Browse...** button to select a file from the file system.
3. Use the **Add Files** button to select the files to be merged from the file system.
4. If you need to remove files from the list, select them clicking the corresponding boxes in the leftmost column and then click the **Delete Selected Files** button.
5. Click the **Merge TMX Files** button.

Results

A progress dialog is displayed while a TMX file containing data from all selected files is created in the indicated location.

Conversion Tasks

Export as TAB Delimited

Follow these steps to convert a TMX file to TAB delimited format that can be reviewed using Microsoft Excel or similar applications.

About this task

Tab-delimited files are plain text files used for storing data in a tabular structure, e.g., database table or spreadsheet data, and a way of exchanging information between databases. Each record in the table is one line of the text file and entries are separated by a TAB character.

Procedure

1. Open the TMX file that you want to export.
2. In main menu, select **File** → **Export as TAB Delimited...** option.
3. Use the dialog that appears to locate and select the file where to save the TAB delimited version.

Results

A progress indicator is displayed while the file is exported as TAB delimited using Microsoft Excel standard settings (UTF-16LE [character set](#), TAB as column separator and no text delimiters).

Convert CSV/TAB Delimited to TMX

Follow these steps to convert a CSV or TAB delimited file to TMX.

About this task

CSV (Comma Separated Values) are plain text files that contain text organized in tabular format, using commas to separate columns and quotes to delimit column content.

TAB delimited files are similar to CSV, but using TAB characters to separate columns and usually without column delimiters.

TMXEditor allows conversion to TMX of text files with different combinations of column separators and text delimiters.

Note

Text files exported from Microsoft Excel use these default settings:

- Character Set: UTF-16LE
 - Column Separator: TAB
 - Text Delimiter: none
-

Procedure

1. In main menu, select **File** → **Convert CSV/TAB Delimited to TMX** option.

The following dialog appears:

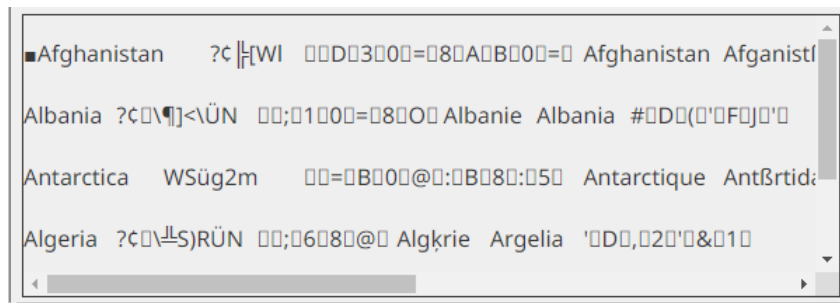
2. Type the name of the file to be converted in the **CSV File** text field or use the associated **Browse...** button to select a file from the system.
3. Type the name of the TMX file to generate in the **TMX File** text field or use the associated **Browse...** button to select a file name and location.
4. Use the **Character Set**, **Column Separator** and **Text Delimiter** drop-down boxes to define the format of the file to be converted. Use the preview panel to check the correctness of the selected settings. Use **Custom Separator** and **Custom Delimiter** text boxes to enter values not included in the drop-down selectors.

On success, the preview panel displays the data in a tabular format. If language codes are included in the first row of the CSV file, they will be automatically detected and will also be displayed highlighted in the panel, as shown in this picture:

en	zh	ru	fr	es	ar
Afghanistan	阿富汗	Афганистан	Afghanistan	Afganistán	أفغانستان
Albania	阿尔巴尼亚	Албания	Albanie	Albania	ألبانيا
Antarctica	南极洲	Антарктике	Antarctique	Antártida	أنتاركتيكا
Algeria	阿尔及利亚	Алжир	Algérie	Argelia	الجزائر
American Samoa	美属萨摩亚	Американское Самоа	Samoa américaines	Samoa Americana	سامووا الأمريكية

Troubleshooting

Unexpected characters, like the ones shown in the picture below, indicate wrong [character set](#) selection.

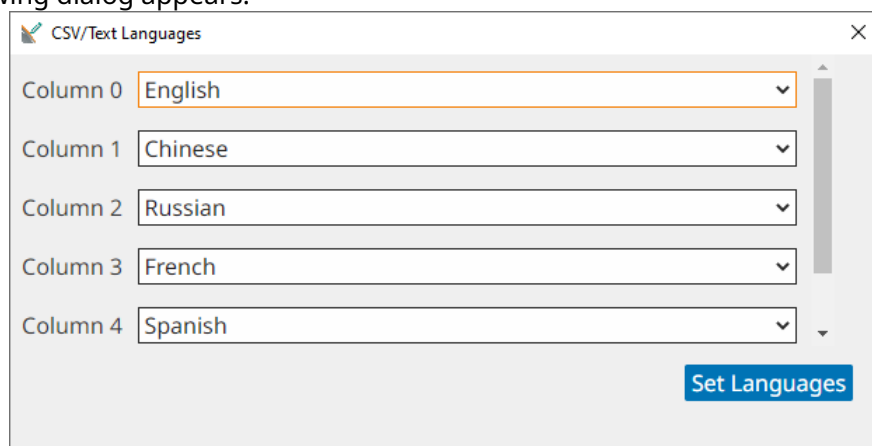


Readable text that is not displayed as a table, is a sign of incorrect selection of column separator or text delimiter. Use the preview panel to check the correct values.



- Click the **Set Languages** button if language codes are not included in the file or you wish to change the automatically detected ones.

The following dialog appears:



- Use the drop-down controls in the **CSV/Text Languages** dialog to select the languages in the CSV file. Click the **Set Languages** button to confirm your selection.
- Check the **Fix Excel Double Quotes** box if the file was exported by Excel using double quote characters as text delimiter. This option ensures that quotes are not duplicated during conversion.
- Check the **Optional Text Delimiters** box if the file does not use the selected text delimiter in all cases (some tools only surround text in delimiters when the de column separator is part of the exported text).
- Finally, click the **Convert CSV to TMX** button to generate the TMX file.

Results

The CSV file is converted to TMX and automatically opened in the editor if the **Open Generated TMX File** check box is selected.

TMX Validation

About this task

Most CAT (Computer Aided Translation) tools rely on TMX (Translation Memory eXchange) standard to exchange translation memory data. Unfortunately, some tools produce files that are not valid and others do not accept TMX documents that are correctly formatted.

TMXEditor checks the validity of TMX files against TMX DTD and also verifies if they follow the requirements described in TMX specifications.

Procedure

1. In **File** menu, select the **Validate TMX File...** option.
2. Use the dialog that appears to locate and select the file that you want to validate.
A progress dialog is displayed while the file is analyzed.

Results

After checking the TMX file, a dialog with validation results appears.

Clean Invalid Characters

Follow these steps to remove invalid characters from a TMX file.

About this task

TMX is an XML-based vocabulary and thereafter a TMX file must not contain characters not allowed by the XML standard.

A TMX file that contains invalid characters cannot be edited without removing those characters first.

Procedure

1. In main menu, select **File** → **Clean Invalid Characters...** option.
2. Use the dialog that appears to locate and select the file that you want to repair.

Results

A progress indicator is displayed while the selected file is cleaned and a backup of the original data is saved in the same folder.

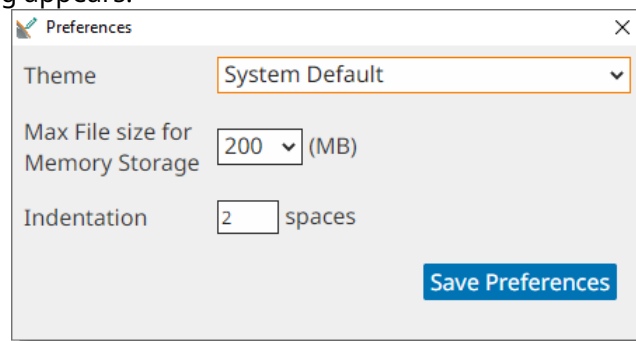
Program Settings

Procedure

1. Open the preferences dialog:

- On Windows or Linux menu, select **Settings** → **Preferences** option.
- On macOS main menu, select **TMXEditor** → **Preferences...** → **Settings** option.

The following dialog appears:



2. Use the **Theme** drop-down to select the colors used in the graphical user interface. Available options are:

- **System Default:** automatically selects Dark or Light colors according to the preferences set in the operating system.
- **Dark:** Uses dark background with white text.
- **Light:** Uses light grey background with dark text

3. Use the **Max File Size for Memory Storage (MB)** drop-down to indicate the maximum size on disk of a TMX file to edit using memory. Files with disk size larger than the selected option are stored in a database while editing.

Note: To store a TMX file in memory requires approximately six times the size the file has on disk. If a TMX file uses 200MB of disk space, reading and storing it in memory may require approximately 1.2GB of RAM.

4. Select the number of spaces used to indent XML elements in the TMX file using the **Indentation** selector.

Note: Indentation helps in visually understanding the structure of an XML file when viewing it as plain text but is not required for processing TMX files with translation tools.

5. Click the **Save Preferences** button to save and activate selected settings.

Results

Theme changes are adopted immediately. Memory usage settings are applied when a new TMX file is opened. Indentation is applied next time a file is saved.

Subscriptions

TMXEditor is available in two modes:

- Personal Use of Source Code
- Yearly Subscriptions

Personal Use of Source Code

Source code of TMXEditor is free for personal use. Anyone can download the source code from [Github.com](https://github.com), compile, modify and use it at no cost in compliance with the accompanying license terms.

Subscriptions

Ready to use installers and technical support for TMXEditor are available as yearly subscriptions at [Maxprograms Online Store](#).

The version of TMXEditor included in the official installers can be used at no cost for 7 days requesting a free Evaluation Key.

Subscription Keys cannot be shared or transferred to different machines.

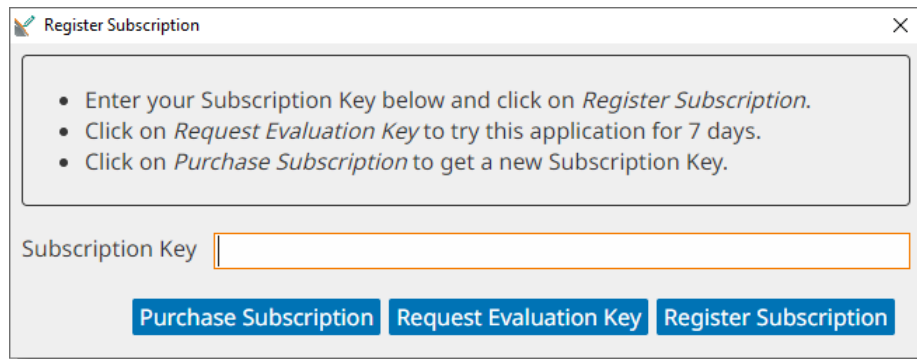
Differences Summary

	Source Code	Subscription Based
Ready To Use Installers	No	Yes
Notarized macOS launcher	No	Yes
Signed launcher and installer for Windows	No	Yes
Associate app with .tmx extension on Windows and macOS	No	Yes
Restricted Features	None	None
Technical Support	<ul style="list-style-type: none">• Peer support at Groups.io	<ul style="list-style-type: none">• Direct email at tech@maxprograms.com• Peer support at Groups.io

First Registration - Evaluation Request

Procedure

1. When you open TMXEditor from subscription installers for the first time, or when the [Subscription Key](#) is not registered, the following dialog is displayed:

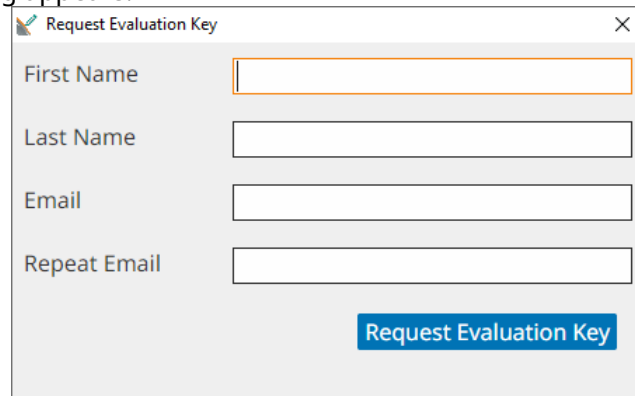


2. If you have a Subscription Key, type it in the **Subscription Key** text box and click the **Register Subscription** button.

On registration success, the main editing screen will be presented.

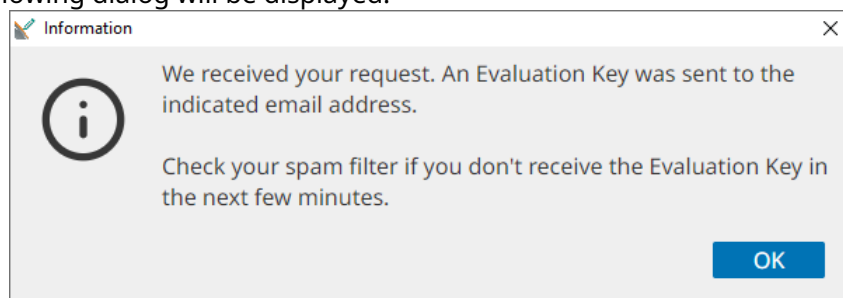
3. If you don't have a Subscription Key and wish to test the program during 7 days, click the **Request Evaluation Key** button.

The following dialog appears:

A screenshot of a 'Request Evaluation Key' dialog box. It has a title bar with a pencil icon and a close button. Inside, there are four text input fields labeled 'First Name', 'Last Name', 'Email', and 'Repeat Email'. At the bottom right, there is a button labeled 'Request Evaluation Key'.

4. Enter the requested data and click the **Request Evaluation Key** button.

On success, an email with the requested Evaluation Key will be sent to the indicated address and the following dialog will be displayed:



Check your email and register the Evaluation Key using the instructions shown above.

Subscription Renewal

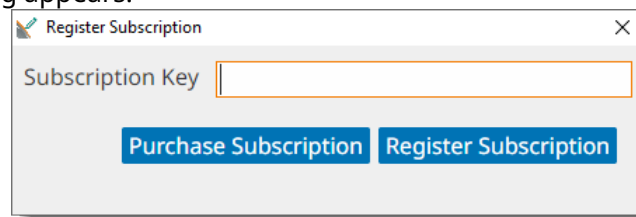
About this task

You can register a new subscription key before your existing subscription expires.

Procedure

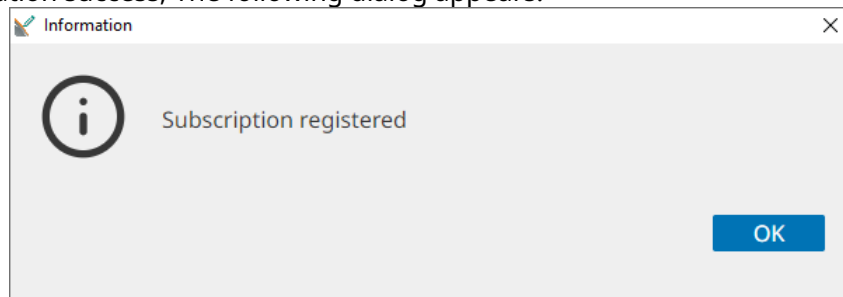
1. In **Help** menu, select **Register Subscription...** option.

The following dialog appears:



2. If you don't have a subscription key yet, click on the **Purchase Subscription** button to open [Maxprograms Online Store](#) on your internet browser.
3. If you have a Subscription Key, type it in the **Subscription Key** text box and click the **Register Subscription** button.

On registration success, The following dialog appears:



Glossary

Character Set

A character set (sometimes referred to as code page) is a collection of characters that are associated with a sequence of natural numbers in order to facilitate the storage of text in computers and the transmission of text through telecommunication networks.

Language Code

A language code is a code that assigns letters or numbers as identifiers or classifiers for languages. Language codes used in TMX files must comply with the rules defined by [BCP 47 - Tags for Identifying Languages](#)

Subscription Key

A Subscription key is a short text code that lets you register and use a software program during a pre-established time period.

TMX

Translation Memory eXchange (TMX) is an open standard originally published by LISA (Localization Industry Standards Association). The purpose of TMX is to allow easier exchange of translation memory data between tools and/or translation vendors with little or no loss of critical data during the process.

Source Language

The language of a document that is to be translated.

Translation Memory

Translation Memory (TM) is a language technology that enables the translation of segments (paragraphs, sentences or phrases) of documents by searching for similar segments in a database and suggesting matches that are found in the databases as possible translations.

Translation Unit

A translation unit (represented by the <tu> element in a TMX file) contains a piece of source text and optional translation and metadata related to that piece of text.