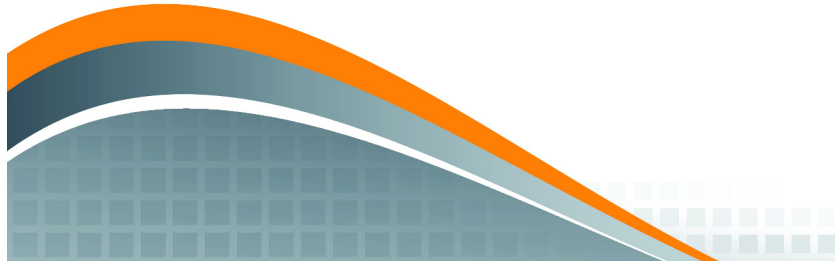


# TMXEditor



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# Table of Contents

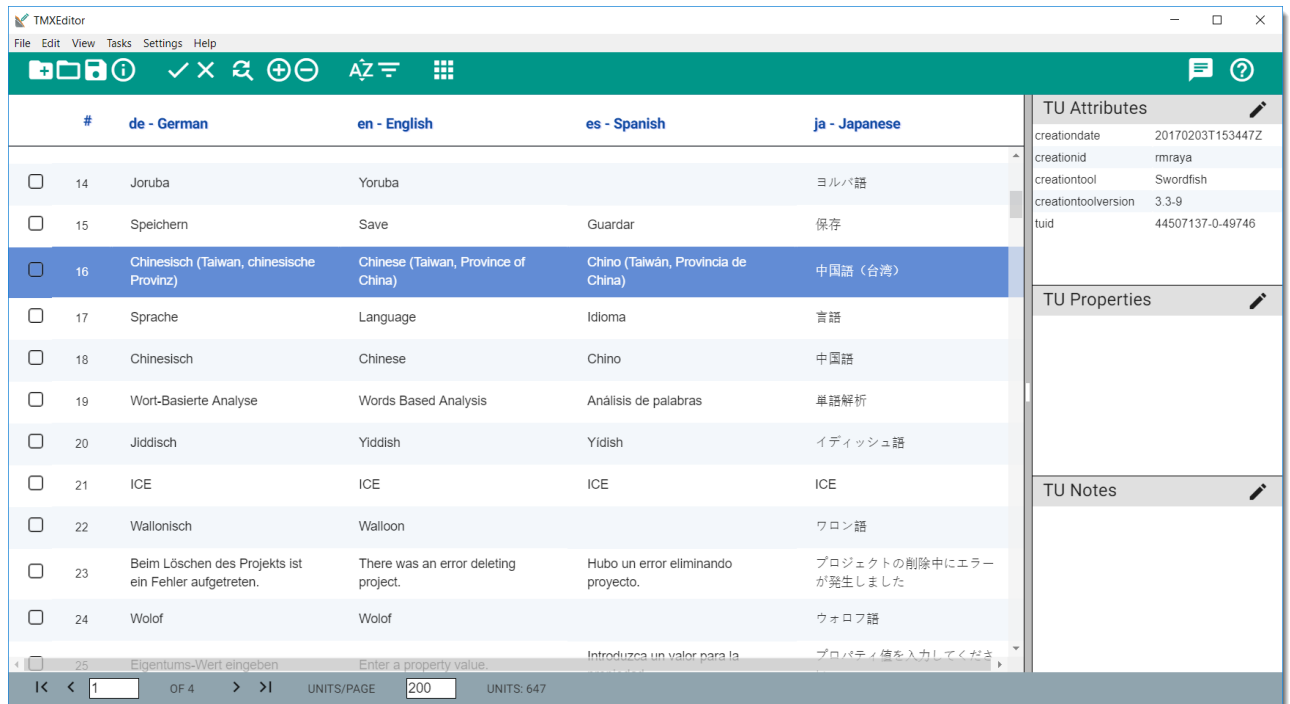
<b>Introduction .....</b>	<b>1</b>
TMXEditor .....	1
Features .....	1
<b>Getting Started .....</b>	<b>2</b>
Editing an existing file .....	2
Create New TMX File .....	3
<b>Maintenance Tasks .....</b>	<b>4</b>
Sorting TM Units .....	4
Search & Replace Text .....	4
Change Language Code .....	5
Add Language .....	6
Remove Language .....	6
Change Source Language .....	7
Remove Inline Tags .....	7
Remove Duplicated Units .....	8
Remove Untranslated Units .....	8
Remove Initial & Trailing Spaces .....	9
Consolidate Translation Units .....	9
Split TMX File .....	10
Merge TMX Files .....	11
<b>Conversion Tasks .....</b>	<b>12</b>
Export as TAB Delimited .....	12
Convert CSV/TAB Delimited to TMX .....	12
<b>TMX Validation .....</b>	<b>15</b>
Validate TMX File .....	15
Clean Invalid Characters .....	15
<b>License Management .....</b>	<b>16</b>
License Keys .....	16
License Registration - Evaluation Request .....	16
Disable License .....	17
Glossary .....	i

# Introduction

## TMXEditor

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.
- Remove duplicates.
- Trim initial and trailing spaces.
- Consolidate translation units when the TMX file has three or more languages.
- Clean invalid XML characters from a TMX file.
- Convert CSV or TAB delimited files to TMX format.

---

# Getting Started

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## Editing an existing file

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1. In **File** menu, select the **Open** option.
2. Use the dialog that appears to select a TMX file from the file system.

Once the selected TMX file is open, you can:

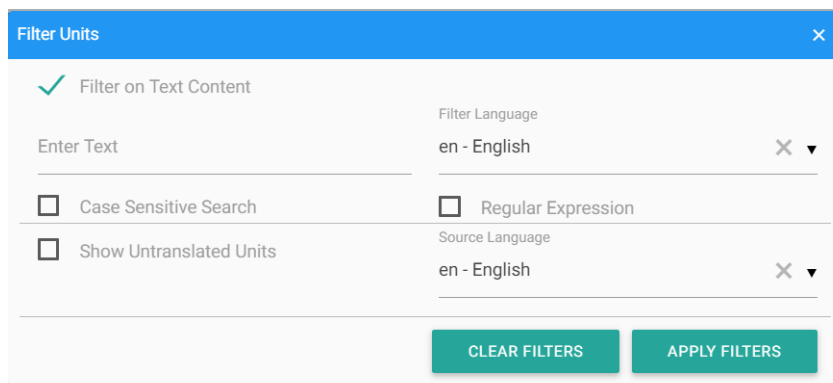
- Click on any text cell to start editing it. Click outside the cell or press **ALT + ENTER** to save your changes. Press the **ESC** key to cancel your changes.
- Use the **Insert Unit** option from **Edit** menu to add new units to the TMX file.
- Select the check box in the leftmost column of the editing grid to mark the units that you want to remove. After marking the units, use the **Delete Selected Units** option from **Edit** menu to perform the removal.

After making changes to the TMX file, use the **Save** option from **File** menu to save your modifications.

## Locating Content

1. In **View** menu, select the **Filter Units...** option.

The following dialog appears:



The screenshot shows the 'Filter Units' dialog box. It has a blue header with the title 'Filter Units' and a close button. The main area is white. At the top, there is a green checkmark icon and the text 'Filter on Text Content'. Below this is an 'Enter Text' input field. To the right of the input field, there are two dropdown menus: 'Filter Language' and 'Source Language', both set to 'en - English'. Below the input field, there are two checkboxes: 'Case Sensitive Search' and 'Regular Expression', both of which are unchecked. At the bottom of the dialog, there are two buttons: 'CLEAR FILTERS' and 'APPLY FILTERS'.

2. If you want to locate a given text in the TMX file:
  - a. Check the **Filter on Text Content** box.
  - b. Type the text that you want to find in the **Enter Text** box.
  - c. Select the **Regular Expression** box if you want to use regular expressions for specifying the text to search.
  - d. Use the **Filter Language** drop-down to select the language where the search will be performed.
  - e. Check the **Case Sensitive Search** box if you want to find only entries that match the case of the entered text.
  - f. Click the **APPLY FILTERS** button.
3. If you want to display untranslated units only:
  - a. Check the **Show Untranslated Units** box.
  - b. Use the **Source Language** drop-down to select the source language that will be used when filtering.
  - c. Click the **APPLY FILTERS** button.

---

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

## Create New TMX File

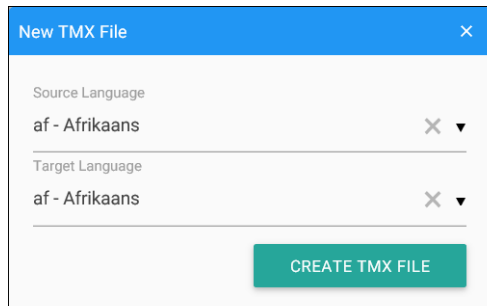
---

### About this task

#### Procedure

1. In **File** menu, select the **New File...** option.

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. Add new entries as required, using the **Insert Unit** option from **Edit** menu.
6. Edit cells and add or remove languages as needed.
7. In **File** menu, select the **Save** option.
8. Use the dialog that appears to indicate the name and location where the new TMX file will be saved.

---

# Maintenance Tasks

---

## Sorting TM Units

---

### About this task

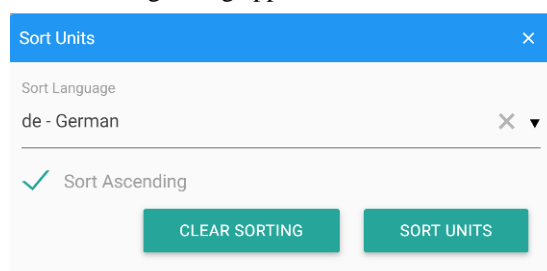
Data in a TMX file is stored without a particular order. Sometimes it may be useful to sort data according to a given language to facilitate editing.

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

### Procedure

1. In **View** menu, select the **Sort Units** option or press **F5**.

The following dialog appears:



2. Select a language from the Sort Language drop-down to select the language used for sorting the file.
3. Select the **Sort Ascending** check box if you want the units sorted in ascending 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.

---

## Search & Replace Text

---

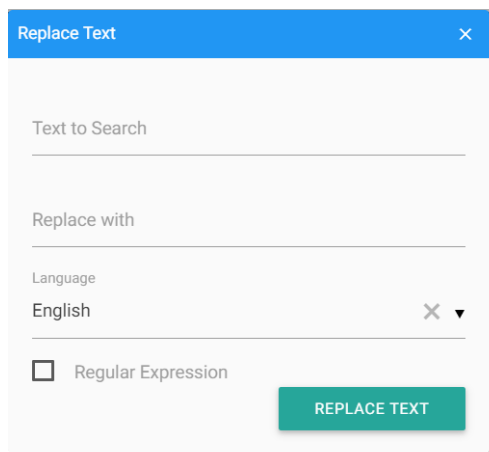
### About this task

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

### Procedure

1. Open the TMX file that you want to modify.
2. In **Edit** menu, select the **Replace Text...** option.

The following dialog appears:



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. Select the language column where the replacement should be performed using the **Language** drop-down.
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 Code

### About this task

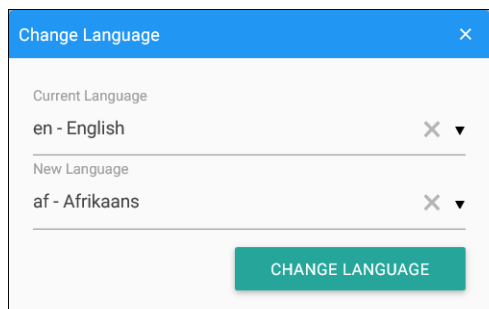
Most [translation memory](#) (TM) systems are sensitive to [language codes](#). A TM system may normally consider that the code "en" (English) is different from "en-US" (English for the United States) or "en-GB" (English for the United Kingdom)

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 **Tasks** menu, select the **Change Language Code...** 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

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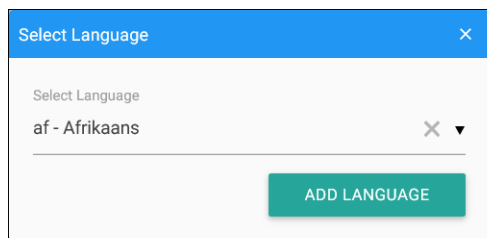
### About this task

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

### Procedure

1. Open the TMX file that you want to modify.
2. In **Tasks** menu, select the **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

---

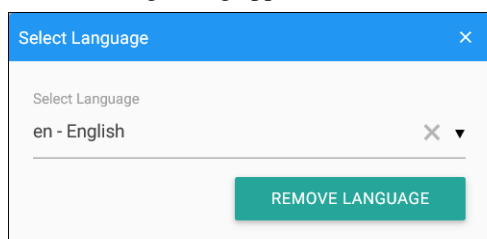
### About this task

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

### Procedure

1. Open the TMX file that you want to modify.
2. In **Tasks** menu, select the **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

---

### About this task

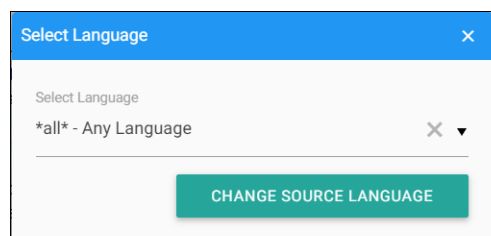
Some [translation memory](#) systems use bilingual TMX files and translate in only one direction.

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 **Tasks** menu, select the **Change Source Language...** option.

The following dialog appears:



3. Use the **Select Language** drop-down box to select the new source language.
4. Click the **CHANGE SOURCE LANGUAGE** button.

---

## Remove Inline Tags

---

### 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 **Tasks** menu, select **Remove All Tags** option.

A progress dialog is displayed while inline tags are removed.

### Results

The editing window is refreshed to reflect the changes.

---

## Remove Duplicated Units

---

### About this task

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

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

### Procedure

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

A progress dialog is displayed while duplicated units are removed.

### Results

The editing window is refreshed to reflect the changes.

---

## Remove Untranslated Units

---

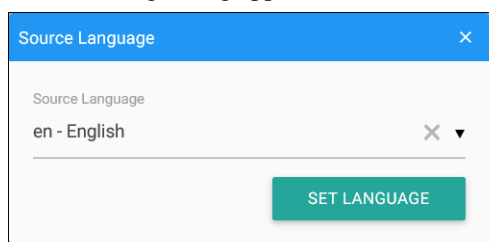
### About this task

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 **Tasks** menu, select the **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 **SET LANGUAGE** 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

---

### 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 **Tasks** menu, select the **Remove Initial/Trailing Spaces** option.

A progress dialog is displayed while spaces are removed.

### Results

The editing window is refreshed to reflect the changes.

---

## Consolidate Translation Units

---

### 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
<input type="checkbox"/>	1	one		une
<input type="checkbox"/>	2	one	uno	
<input type="checkbox"/>	3	two		deux
<input type="checkbox"/>	4	three	tres	
<input type="checkbox"/>	5	two	dos	

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

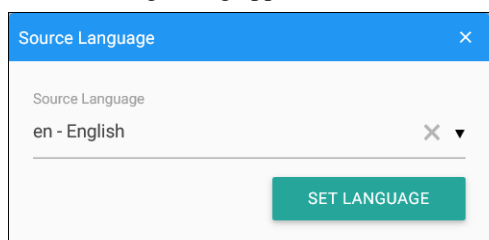
	#	en - English	es - Spanish	fr - French
<input type="checkbox"/>	1	one	uno	une
<input type="checkbox"/>	2	two	dos	deux
<input type="checkbox"/>	3	three	tres	

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

### Procedure

1. Open the TMX file that you want to consolidate.
2. In **Tasks** menu, select the **Consolidate Units...** 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 **SET LANGUAGE** button.

A progress dialog is displayed while units are consolidated.

## Results

The editing window is refreshed to reflect the changes.

## Split TMX File

### About this task

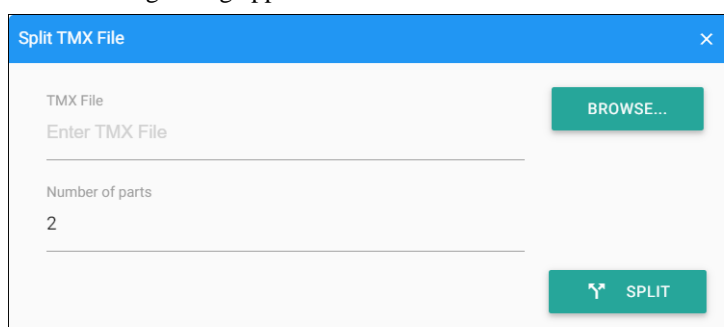
Sometimes a TMX file may be too big to be processed and splitting it into smaller pieces may help.

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

### Procedure

1. In File menu, select the **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** button.

A progress dialog is displayed while the file is split.

---

## Results

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

---

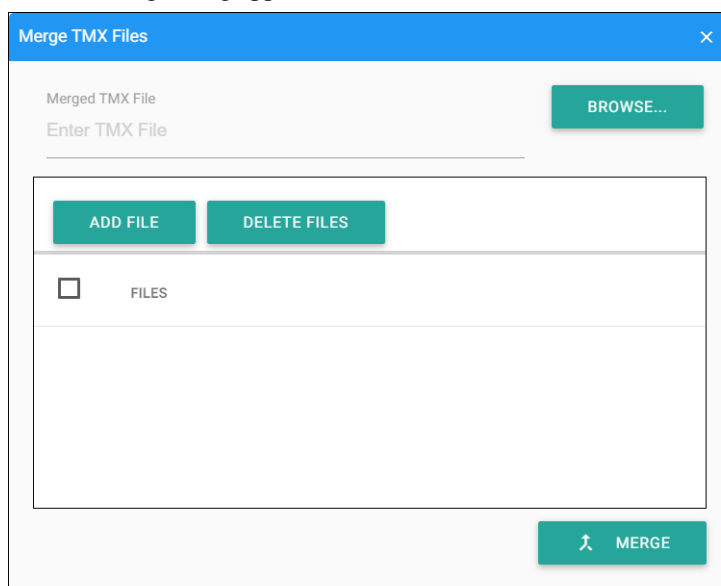
### About this task

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

### Procedure

1. In File menu, select the **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** 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 FILES** button.
5. Click the **MERGE** button.

A progress dialog is displayed while the files are merged.

## Results

A TMX file containing data from all selected files is created in the indicated location.

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# Conversion Tasks

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## Export as TAB Delimited

---

### 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.

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

### Procedure

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

A progress dialog is displayed while the file is exported.

### Results

The selected 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

---

### 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

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

### Procedure

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

The following dialog appears:

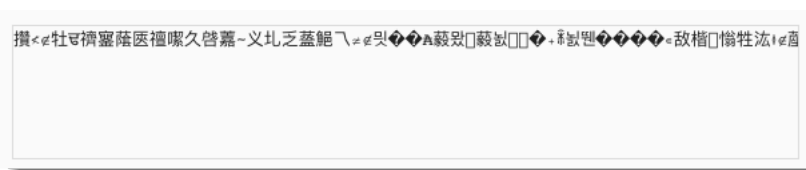
2. Type the name of the file to be converted in the **CSV File** text field or use the associated **Browse...** button to select a file from the system.
3. Type the name of the TMX file to generate in the **TMX File** text field or use the associated **Browse...** button to select a file name and location.
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.

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	ru
en	ru
Swordfish User Guide	Руководство пользователя ...
Copyright©2007-2008 Maxpr...	Copyright©2007-2008 Maxpr...
All rights reserved	Все права защищены

## Troubleshooting

Unexpected characters, like the ones shown in the picture below, indicate wrong character set selection.

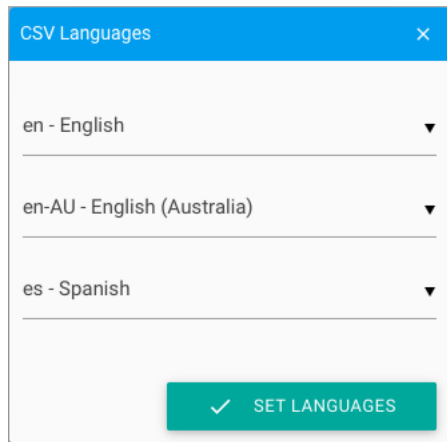


Readable text that is not displayed as a table, is a sign of incorrect selection of column separator or text delimiter. Use the preview panel to check the correct values.

"en"	"ar"
"ALICE'S ADVENTURES IN WONDERLAND"	"ليس مغامرات في أرض العجائب"
"Lewis Carroll"	"لويس كارول"
"THE MILLENNIUM FULCRUM EDITION 3.0"	"الأنفة الطبعة 3.0 نقطة الإرتكاز"
"CHAPTER I. Down the Rabbit-Hole"	"الفصل الأول : لتسقط الارنب ثقبوب"

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

The following dialog appears:



6. Use the drop-down controls in the **CSV Languages** dialog to select the languages in the CSV file. Click the **Set Languages** button to confirm your selection.
7. Finally, click the **Convert** button to generate the TMX file.

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



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# TMX Validation

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## Validate TMX File

---

### 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

---

### 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.

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

### Procedure

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

A progress dialog is displayed while the file is fixed.

### Results

The selected file is cleaned and a backup of the original data is saved in the same folder.

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# License Management

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## License Keys

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A License Key is a short text code required to continue using the application after the 30 days evaluation period.

License Keys can be purchased at <https://www.maxprograms.com/store/buy.html>

### Note

- Registering or disabling a License Key requires an Internet connection.
- Always disable your license key before reformatting your hard disk or changing operating system.

## License Registration - Evaluation Request

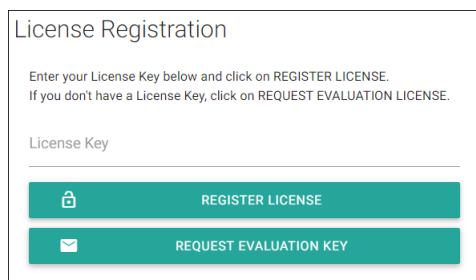
---

### About this task

You can evaluate the program for free during 30 days before purchasing a License Key. All features are enabled during the evaluation period.

### Procedure

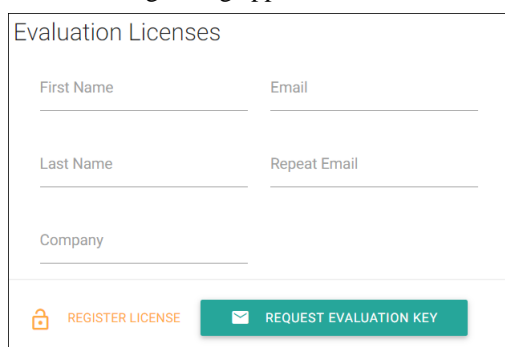
1. When you open the program for the first time, or when the License Key is not enabled, the following dialog is displayed:



The dialog box is titled "License Registration". It contains the following text: "Enter your License Key below and click on REGISTER LICENSE. If you don't have a License Key, click on REQUEST EVALUATION LICENSE." Below this text is a text input field labeled "License Key". At the bottom, there are two buttons: "REGISTER LICENSE" (with a lock icon) and "REQUEST EVALUATION KEY" (with an envelope icon).

2. If you have a License Key, type it in the **License Key** text box and click the **REGISTER LICENSE** button.  
On registration success, the main editing screen will be presented.
3. If you don't have a License Key and you wish to test the program during 30 days, click the **REQUEST EVALUATION LICENSE** button.

The following dialog appears:

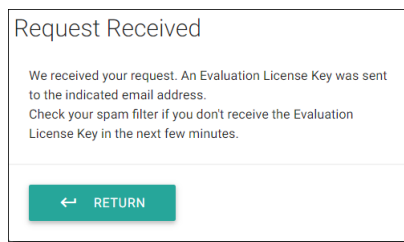


The dialog box is titled "Evaluation Licenses". It contains the following form fields: "First Name", "Email", "Last Name", "Repeat Email", and "Company". At the bottom, there are two buttons: "REGISTER LICENSE" (with a lock icon) and "REQUEST EVALUATION KEY" (with an envelope icon).

4. Enter the requested data and click the **REQUEST EVALUATION LICENSE** button.

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



Check your email and register the evaluation license using the instructions shown above.

## Disable License

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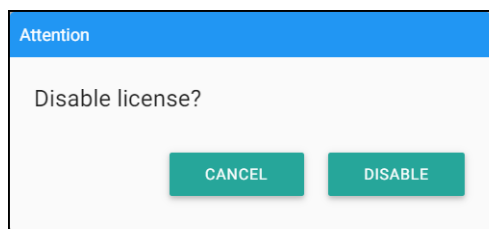
### About this task

You must disable your license key before formatting your hard disk or moving TMXEditor to a new computer.

### Procedure

1. In **Help** select the **Disable License** option.

The following dialog appears:



2. Click on **DISABLE** button.

On succes, the License Registration screen is displayed.

---

# Glossary

## 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](#)

## 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.

## 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.