

Stingray User Guide



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Introduction

Stingray Document Aligner

Stingray is a cross-platform document aligner designed to assist professional translators in the production of translation memories from existing translated material.

Translation memories generated by Stingray can be used in most modern CAT (Computer Aided Translation) tools, including [Swordfish](#).

Supported File Formats

The file formats currently supported by Stingray are:

General Documentation Types	Software Development Types
<ul style="list-style-type: none">• Adobe InDesign Interchange (INX)• Adobe InDesign IDML CS4, CS5, CS6 & CC• HTML• Microsoft Office 2007/2008/2010/2011/2013/2016• Microsoft Visio XML Drawings 2007/2010/2013• MIF (Maker Interchange Format)• OpenOffice/LibreOffice/StarOffice 1.x/2.x/3.x/4.x/5.x• Plain Text• XML (Generic)• XML with ready to use configuration files for:<ul style="list-style-type: none">– DITA 1.0, 1.1, 1.2 and 1.3– DocBook 3.x, 4.x and 5.x– SVG– Word 2003 ML– XHTML	<ul style="list-style-type: none">• JavaScript• Java Properties• PO (Portable Objects)• RC (Windows C/C++ Resources)• ResX (Windows .NET Resources)• TS (Qt Linguist translation source)

The filter for XML files supports custom configuration. Users can define conversion rules for almost any XML vocabulary.

Supported Platforms

- Microsoft Windows (8, 8.1 and 10)
- macOS (10.13, 10.14 and 10.15)
- Linux (with GNOME Desktop Manager)

Aligning Documents

Alignment Process

Aligning is a process with 3 basic steps:

1. Create a project, selecting the documents to align or importing a TMX file.
2. Correct the alignment of the generated/imported segment pairs.
3. Export the aligned segments to a useful file format.

Step 1: Create a project

An alignment project can be created in two ways:

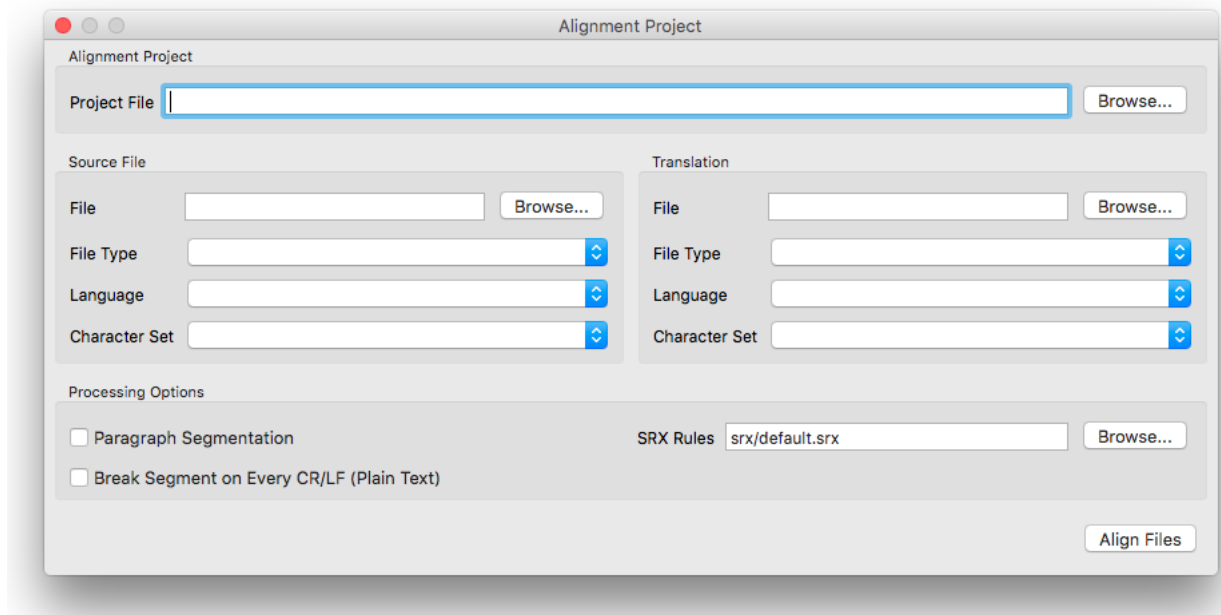
1. Processing two documents with similar structure to extract segment pairs. Use this option to create a new translation memory from a document and its translation.
2. Importing a TMX file. Use this option to correct the content of segments already defined by a translation tool.

Generate a project from two documents

Procedure

1. In the **File** menu, select **New Alignment Project** or click the  button.

The following dialog appears:



2. Enter the name of the alignment project file in the **Project File** text box or use the **Browse...** button next to it to select a name and location.
3. Select a source file and configure its properties in the **Source File** panel.

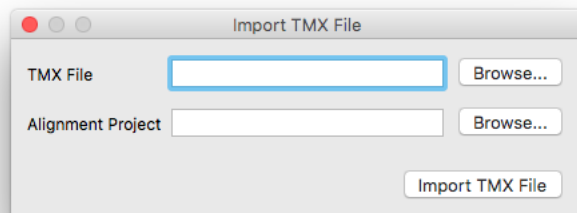
- a. Type the name of the source file in the **File** text box or use the **Browse...** button next to it to select a file from the operating system. If you use the **Browse...** button, the program tries to automatically detect document type and character set.
 - b. Select or correct the type of document in the **File Type** drop-down list.
 - c. Select or correct the character set of the document in the **Character Set** drop-down list.
4. Select the file that contains the translations and configure its properties in the **Translation** panel.
 - a. Type the name of the translation file in the **File** text box or use the **Browse...** button next to it to select a file from the operating system. If you use the **Browse...** button, the program tries to automatically detect document type and character set.
 - b. Select or correct the type of document in the **File Type** drop-down list.
 - c. Select or correct the character set of the document in the **Character Set** drop-down list.
5. If you want to align paragraphs instead of sentences, check the **Paragraph Segmentation** box.
6. If you are processing plain text documents, verify their formatting and check the **Break Segment on Every CR/LF (Plain Text)** box.
7. Enter the name of the SRX file to use for segmenting the documents in the **SRX Rules** text box or use the **Browse...** button next to it to select an SRX file from the file system.
8. Click the **Align Files** button to create the project and display it in Stingray's main panel.

Generate a project from a TMX file

Procedure

1. In the **File** menu, select **Import TMX File**.

The following dialog appears:



2. Type the name of the TMX file to import in the **TMX File** text box or use the **Browse...** button next to it to select it from the file system.
3. Type the name of the alignment project to create in the **Alignment Project** text box or use the **Browse...** button next to it to select a name and location.
4. Click the **Import TMX File** button to start creating the project.
 - If the selected TMX file does not have a defined source language, select it in the window that appears.
 - If the selected TMX file contains translations in more than two languages, select the target language in the window that appears.

Results

A new alignment project is created from the data present in the selected TMX file.

Step 2: Align extracted segments

Procedure

1. Use the buttons that appear below the alignment panel (the columns of text boxes), or their equivalent entries from the **Edit** menu, to correct the segments.
 - Use the **Move Segment Up** (↑) and **Move Segment Down** (↓) buttons to move the segments up and down until they match the corresponding source/translation in the other column.
 - Use the **Split Segment** button (⌘) to split the text in the source or translation text box to match the counterpart in the other column.
 - Use the **Merge with Next Segment** button (⌘) to combine the text in the source or translation text box with the text of the following segment.
 - Use the **Delete Segment** button (⌘) to delete the selected source or translation segment.
 - To edit the content of the source or translation text box, click the **Edit Segment** button (✎) and modify the text. Save your changes with the **Accept Changes** button (✓) or discard them using the **Discard Changes** button (✕).


Step 3: Export aligned segments

Stingray can export aligned segments in these formats accepted by most translation tools:

- TMX 1.4
- CSV (Comma Separated Values)
- XLIFF 1.2

Export as TMX

Procedure

1. In the **File** menu, select **Open File** or click the  button.
2. Locate and open the alignment project to be exported.
3. In the **File** menu, select **Export Alignment Project as TMX**.
4. Select a file name and location for storing the generated TMX file.

Results

A TMX file is generated and saved in the selected location.

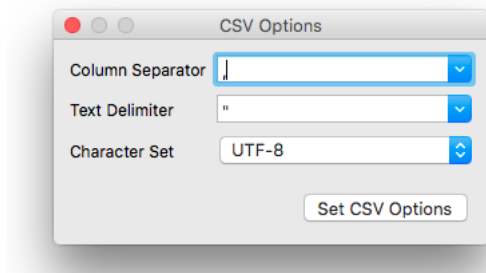
Export as CSV

Procedure

1. In the **File** menu, select **Open File** or click the  button.
2. Locate and open the alignment project to be exported.

3. In the **File** menu, select **Export Alignment Project as CSV**.
4. Select the CSV file to generate.

The following dialog appears:




5. Type or select the column separator to use in the **Column Separator** drop-down list.
6. Type or select the text delimiter to use in the **Text Delimiter** drop-down list.
7. Select the character set to use in the **Character Set** drop-down list.
8. Click the **Set CSV Options** button.

Results

A delimited text file with the specified properties is created and saved in the selected location.

Export as XLIFF

Procedure

1. In the **File** menu, select **Open File** or click the  button.
2. Locate and open the alignment project to be exported.
3. In the **File** menu, select **Export Alignment Project as XLIFF**.
4. Select a file name and location for storing the generated XLIFF file.

Results

An XLIFF 1.2 file is generated and saved in the selected location.

Editing TMX Files

Using Stingray as TMX Editor

Stingray can be used to edit existing TMX files, without aligning two documents.


The steps for editing bilingual TMX files using Stingray are:

1. Import the TMX file into an Alignment Project;
2. Make changes in the imported TMX file;
3. Export the Alignment project as TMX or a different format.

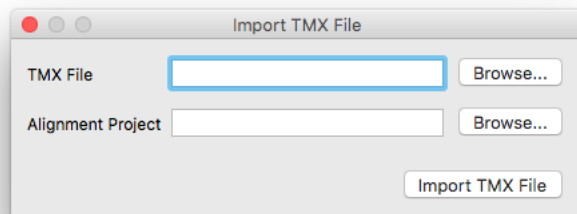
Important: all comments and properties stored in the TMX file are ignored when it is imported into an Alignment Project.

Import TMX File

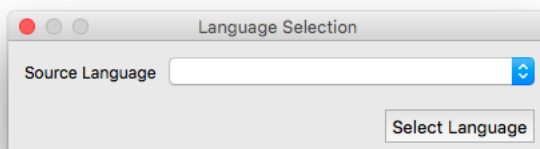
Procedure

1. In the **File** menu, select **Open File** or click the  button.
2. Locate and open the TMX file to be imported.

The following dialog appears:

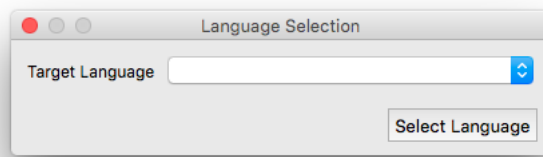


3. In the **Import TMX File** dialog, verify the name of the **TMX File** and adjust the name and location of the **Alignment Project** to be generated.
4. In the **Import TMX File** dialog, click the **Import TMX File** button to start the import process.
5. If the selected TMX file does not have a predefined source language, the following dialog will appear:



- a. In the **Language Selection** dialog, select the source language for the Alignment Project from the **Source Language** drop-down list.
- b. In the **Language Selection** dialog, click the **Select Language** button.

6. If the selected TMX file contains data in more than two languages, the following dialog will appear:



- a. In the **Language Selection** dialog, select the target language for the Alignment Project from the **Target Language** drop-down list.
- b. In the **Language Selection** dialog, click the **Select Language** button.

Results

The selected TMX file is imported into an Alignment Project and opened in Stingray for editing.

Editing a TMX File

In addition to correcting alignment, as shown in section [Align Extracted Segments](#), you can also perform the following common tasks:

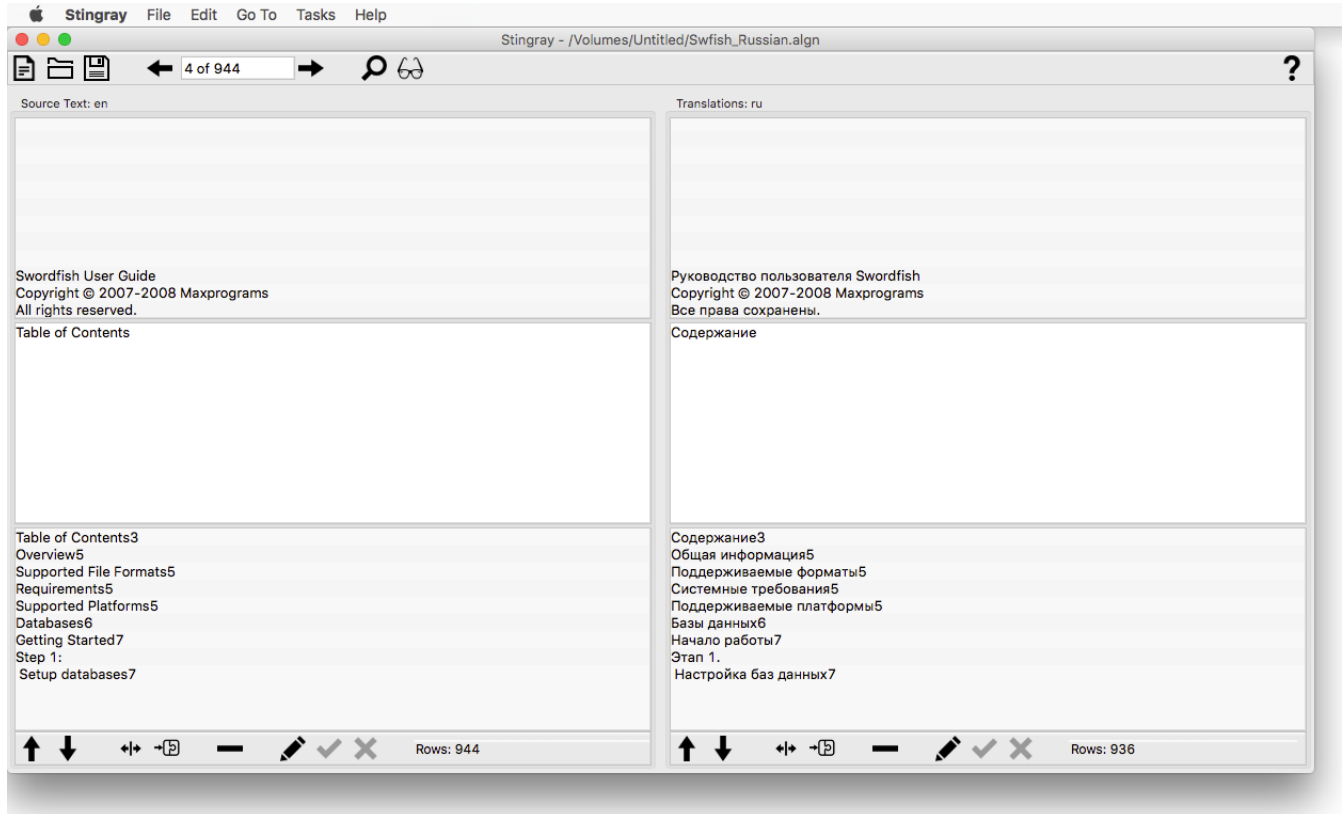
- Remove all tags
- Remove Duplicate Entries
- Remove initial and trailing spaces
- Change Language Codes

All features listed above are available in [Tasks](#) menu.

User Interface




Stingray GUI


The following picture portrays Stingray:

















Menus


File Menu

	New Alignment Project	Create a new alignment project.
	Open Alignment Project	Open an existing alignment project for editing.
	Close Alignment Project	Close current open document.
	Save Alignment Project	Save current open document.
	Save Alignment Project As...	Save current open document under a new name.
	Export Alignment Project as TMX	Export aligned segments to a TMX 1.4 file for use in most CAT tools.



	Export Alignment Project as CSV	Export aligned segments to a CSV (Comma Separated Values) file.
	Export Alignment Project as XLIFF	Export aligned segments to an XLIFF 1.2 file.
	Import TMX File	Import a TMX file for editing in a new alignment project.
	Preview as HTML	View aligned segments in a web browser.
	Exit	Close the program.

Edit Menu

	Search/Replace	Open a dialog for searching/replacing text in source or translations.
	Move Source Segment Up	Move selected source segment up one row.
	Move Source Segment Down	Move selected source segment down one row.
	Split Source Segment	Split source segment at current cursor position.
	Merge Source Segment with Next	Combine current source segment with the following one.
	Remove Source Segment	Remove source segment from list.
	Edit Source Segment	Set source segment as editable to modify its content.
	Save Changes to Source Segment	Save changes done to source segment.
	Discard Changes to Source Segment	Discard the changes done to source segment and restore previous content.
	Move Translation Segment Up	Move selected translation segment up one row.
	Move Translation Segment Down	Move selected translation segment down one row.
	Split Translation Segment	Split translation segment at current cursor position.
	Merge Translation Segment with Next	Combine current translation segment with the following one.
	Remove Translation Segment	Remove translation segment from list.
	Edit Translation Segment	Set translation segment as editable to modify its content.
	Save Changes to Translation Segment	Save changes done to translation segment.

	Discard Changes to Translation Segment	Discard the changes done to the translation segment and restore its previous content.
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Go To Menu

	Previous Segment	Display the previous segment.
	Next Segment	Display the next segment.
	First Segment	Display the first segment of the file.
	Last Segment	Display the last segment of the file.
	Got to segment...	Display a segment specified by its number.

Tasks Menu

	Remove all Tags	Remove markup information from all segments.
	Remove Duplicate Entries	Remove all duplicated segments from the alignment project.
	Remove Initial/Trailing Spaces	Remove leading and trailing spaces from all segments.
	Change Language Codes	Display a dialog for changing source or target languages in the current alignment project.

Help Menu

	Stingray Help	Display Stingray User Guide in the default PDF viewer.
	License Management	Display a dialog for licensing the program.
	Check for Updates	Verify the availability of newer versions of the program.
	About...	Display a dialog with license status and program version information.

License Management

License Keys

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.

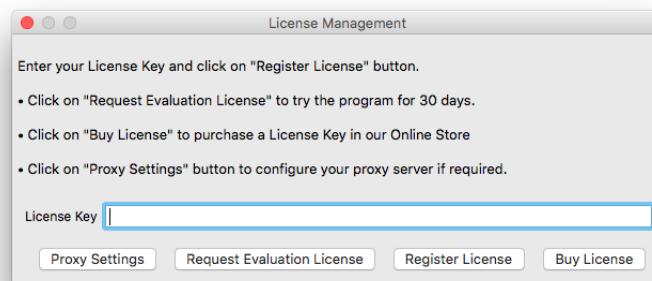
Request an Evaluation License

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

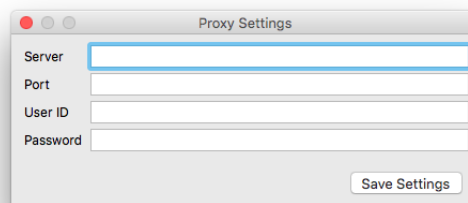
1. When you start the program for the first time, the following dialog appears:



2. If your computer uses a proxy server to connect to the Internet, follow these steps to configure the proxy server settings:

- a. Click the **Proxy Settings** button.

The following dialog appears:

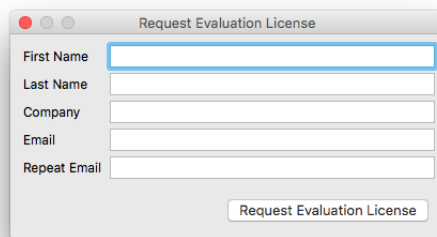


- b. Type the proxy server name or IP in the **Server** text box.
- c. Type the proxy port number in the **Port** text box.
- d. If your proxy server requires authentication, type the proxy user name in the **User ID** text box and the corresponding password in the **Password** text box.
- e. Click the **Save Settings** button.

Selected proxy settings are saved and the dialog closes.

3. Click the **Request Evaluation License** button.

The following dialog appears:

A screenshot of a macOS-style dialog box titled "Request Evaluation License". It contains five text input fields labeled "First Name", "Last Name", "Company", "Email", and "Repeat Email". The "First Name" field is currently selected with a blue border. At the bottom right of the dialog is a button labeled "Request Evaluation License".

4. Type your first name in the **First Name** text box.
5. Type your last name in the **Last Name** text box.
6. Enter your company name in the **Company** text box. This step is optional.
7. Type your email address in the **Email** text box.
8. Type again your email address in the **Repeat Email** text box.
9. Click the **Request Evaluation License** button.

Your evaluation license request is sent to the Registration Server. An email with an evaluation license key will be immediately sent to the indicated email address.

10. Check your email and note the new evaluation license key. Check your spam filter if you don't receive an email with the evaluation license key within a few minutes.
11. Enter the evaluation license in the **License Key** text box of the **License Management** dialog.
12. Click the **Register License** button.

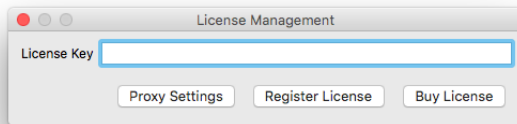
Results

Your computer is enabled to work with the application for 30 days.

Register a License Key

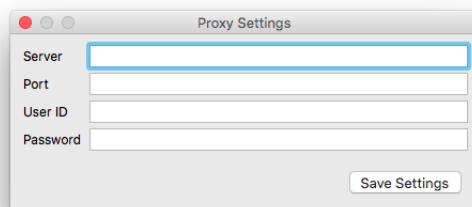
Procedure

1. When you start the program after the trial period has ended, after installing an upgrade or after disabling a License Key, the following dialog appears:



2. If you need to purchase a License Key, click the **Buy License** button to open [Maxprograms' Online Store](#) in your browser.
3. Type your license code in the **License Key** text box.
4. If your computer uses a proxy server to connect to the Internet, follow these steps to configure the proxy server settings:
 - a. Click the **Proxy Settings** button.

The following dialog appears:



- b. Type the proxy server name or IP in the **Server** text box.
 - c. Type the proxy port number in the **Port** text box.
 - d. If your proxy server requires authentication, type the proxy user name in the **User ID** text box and the corresponding password in the **Password** text box.
 - e. Click the **Save Settings** button.
5. Click the **Register License** button.

Results

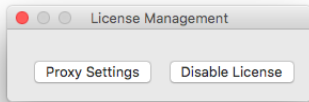
Your license key code is sent to the Registration Server and your computer is enabled to work with the registered application.

Disable a License Key

Procedure

1. In the **Help** menu, select **License Management**.

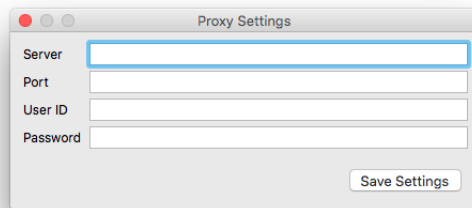
The following dialog appears:



2. If your computer uses a proxy server to connect to the Internet, follow these steps to configure the proxy server settings:

- a. Click the **Proxy Settings** button.

The following dialog appears:



- b. Type the proxy server name or IP in the **Server** text box.
 - c. Type the proxy port number in the **Port** text box.
 - d. If your proxy server requires authentication, type the proxy user name in the **User ID** text box and the corresponding password in the **Password** text box.
 - e. Click the **Save Settings** button.
3. Click the **Disable License** button.

Results

Your license key code is sent to the Registration Server and the application becomes disabled.

Transfer a License Key

Steps for transferring a working license key to a different computer.

Procedure

1. Start the application in the computer where it is enabled.
2. Disable the license key.
3. Start the application in the computer that you want to use next.
4. Enable the license key.

Results

Your license key is transferred from one computer to another.

Configuration Options

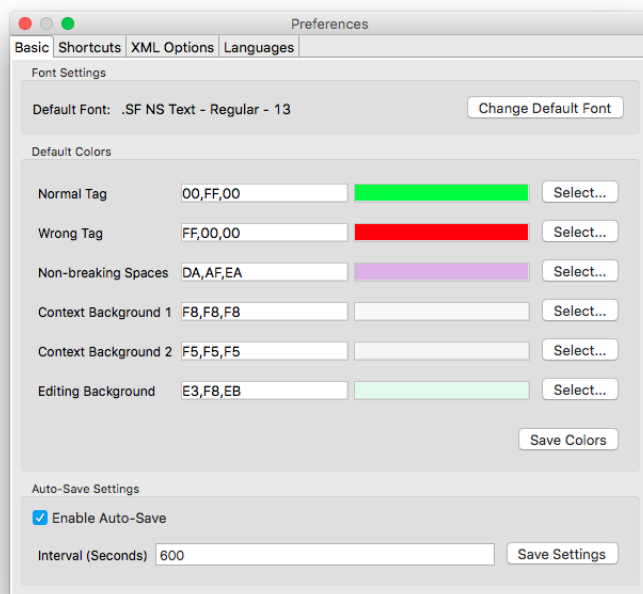
Program Settings

Stingray default settings can be changed in the **Preferences** dialog.

- To open the **Preferences** dialog on Windows or Linux, select **Preferences** in **Settings** menu.
- To open the **Preferences** dialog on Mac OS X, select **Preferences** in Apple menu.

Basic Settings

In **Preferences** dialog, select the **Basic** tab. The dialog will look like this:



Font Settings

Procedure

1. In the **Preferences** dialog, select the **Basic** tab.
2. Click the **Change Default Font** button.
3. In the font selection dialog, choose the default font, font style and font size to be used by the application.

Results

Selected font will be used by the application to display text in relevant places.

Color Settings

Procedure

1. In the **Preferences** dialog, select the **Basic** tab.

2. Locate the element that you want to modify and enter the RGB values for the desired color in the text box or click the **Select...** button to choose a new color using the default color selector widget from the operating system.
3. Repeat previous step until all colors have been adjusted.
4. Click the **Save Colors** button to save your changes.

Auto-Save Settings

About this task

The program has the ability to automatically make a backup of the file that is open at a selected interval. Follow these steps to configure the automatic backup settings.

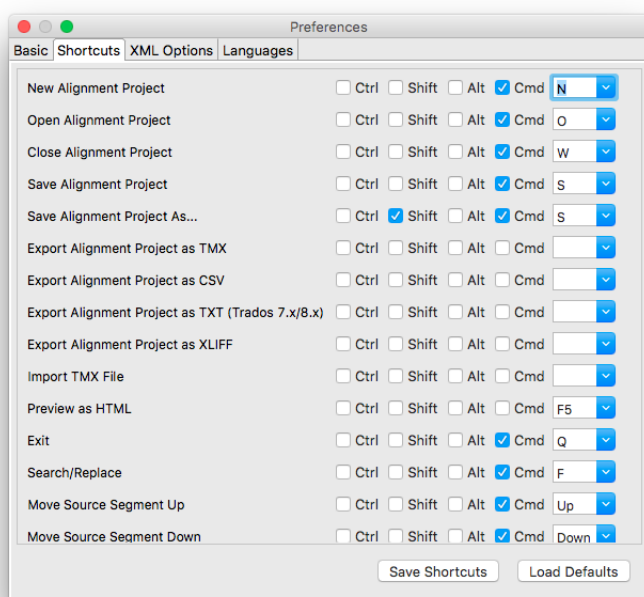
Procedure

1. In the **Preferences** dialog, select the **Basic** tab.
2. Check the **Enable Auto-Save** box if you want to make automatic backups. Clear it otherwise.
3. Enter the number of seconds to wait between backups in the **Interval (Seconds)** text box.
4. Click the **Save Settings** button.

Shortcuts Configuration

Procedure

1. In **Preferences** dialog, select the **Shortcuts** tab.



2. Use the scroll bar on the right side to locate the command that you want to modify.
3. Check the boxes for the modifier keys (Alt, Ctrl, Cmd or Shift) required in the new or modified shortcut.
4. Type a character or select a standard key in the drop-down-list on the right.
5. Repeat the previous 3 steps until all keyboard shortcuts have been configured as desired.

- Click the **Save Shortcuts** button to save your changes or click the **Load Defaults** button to restore factory settings and restart the configuration task.

Results

The requested changes are stored in the configuration file and become effective the next time the program is started.

XML Filter Configuration

The program needs to know two things for working with XML files:

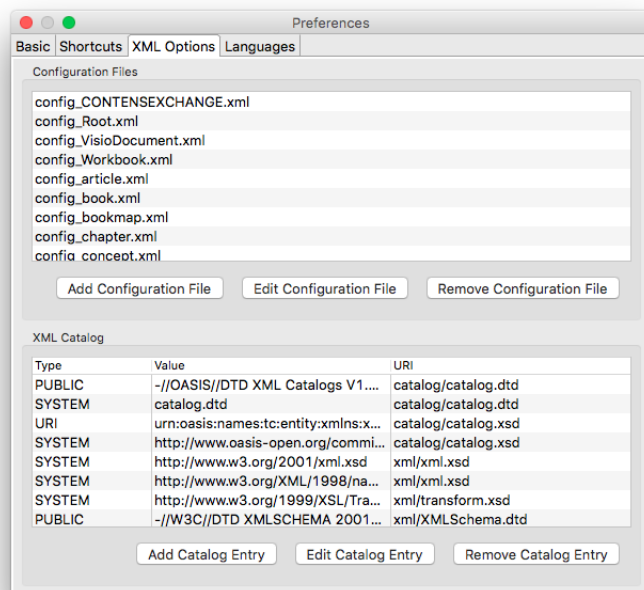
- How to locate the grammar rules and entities declared in an XML file, if any.
- What elements and attributes contain translatable text.

XML catalogs that follow the specification published at

<http://www.oasis-open.org/committees/entity/spec-2001-08-06.html> by OASIS are used to resolve the location of XML DTDs and Schemas.

Special XML files are used to configure the elements and attributes that contain translatable text. These files are used by the internal XML Converter to extract text for processing. The configuration files are created and maintained using the application's graphical user interface.

In the **Preferences** dialog, select the **XML Options** tab. The dialog will look like this:



XML Converter

Support for the following XML vocabularies is included in the application:

- DITA 1.0, 1.1 and 1.2
- DocBook 3.x, 4.x and 5.x
- Microsoft Office 2007, 2008, 2011, 2013 and 2016
- Microsoft Visio 2010 and 2013

- Open Document Format (OpenOffice)
- SVG
- Word 2003 ML
- XHTML

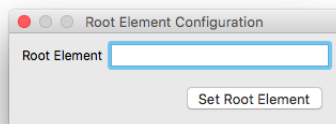
Additional configurations can be added by the user as required.

Add XML Configuration

Procedure

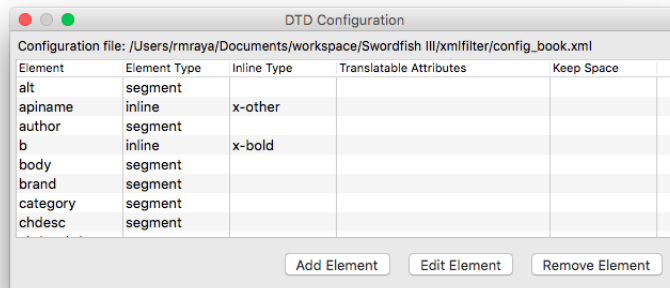
1. In the **Preferences** dialog, select the **XML Options** tab.
2. Click the **Add Configuration File** button.

The following dialog appears:



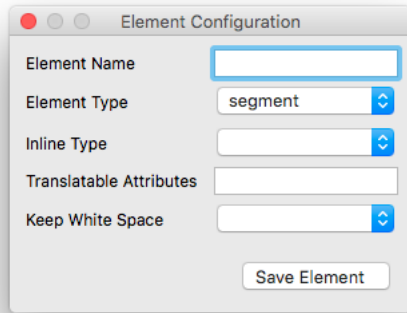
3. Type the name of the root element of your XML files in the **Root Element** text box. The name of the root element is used to name the configuration file.
4. Click the **Set Root Element** button.

The following dialog appears:



5. Click the **Add Element** button to add the configuration of an element.

The following dialog appears:



6. Type the name of the element being added in the **Element Name** text box.
7. Select the type of element in the **Element Type** drop-down list. Available types are:
 - **segment**: the selected element starts a new section of translatable text.
 - **inline**: the selected element represents a change in formatting options and does not start a new section of translatable text.
 - **ignore**: the selected element and its children should be ignored.
8. If the element type is "inline", select the kind of formatting represented by the element in the **Inline Type** drop-down list.
9. If the element has translatable attributes, enter their names separated by a ";" in the **Translatable Attributes** text box.
10. If white space needs to be preserved when extracting text, select "Yes" in the **Keep White Space** drop-down list.
11. Click the **Save Element** button to save the element configuration.
12. Repeat the previous steps until all required elements have been configured.

Results

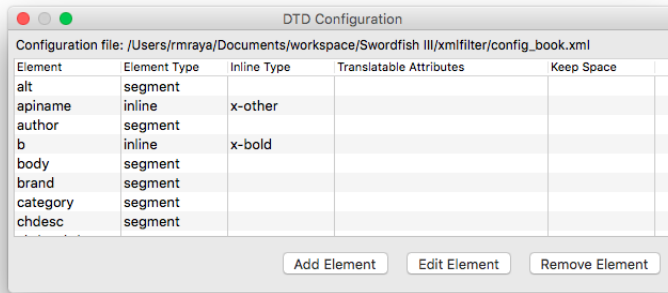
A new configuration file for the XML Converter is created.

Edit XML Configuration

Procedure

1. In the **Preferences** dialog, select the **XML Options** tab.
2. Select the configuration file to edit from the list of available configurations.
3. Click the **Edit Configuration File** button.

The following dialog appears:



4. Use the buttons in the **DTD Configuration** dialog to update the configuration file.
 - Use the **Add Element** button to add a new element to the configuration file.
 - Use the **Edit Element** button to modify the properties of an existing element.
 - Use the **Remove Element** button to delete an element from the configuration file.
5. Repeat the previous step until all elements are properly configured.

Delete XML Configuration

Procedure

1. In the **Preferences** dialog, select the **XML Options** tab.
2. Select the entry to remove from the configurations list.
3. Click the **Remove Configuration File** button.

A confirmation dialog appears.

4. Confirm the delete operation.

Results

The selected entry is removed from the list of available configuration files.

XML Catalog

The application includes a default XML catalog with DTDs and XML Schemas for the most relevant localization formats and supported document types.

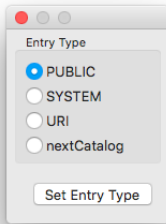
Additional DTDs and XML Schemas can be added by the user as needed.

Add Catalog Entry

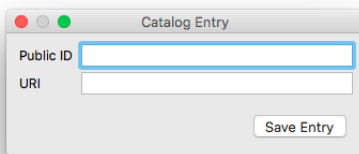
Procedure

1. In the **Preferences** dialog, select the **XML Options** tab.
2. Click the **Add Catalog Entry** button.

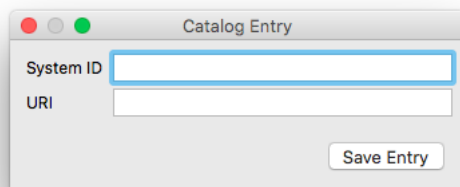
The following dialog appears:



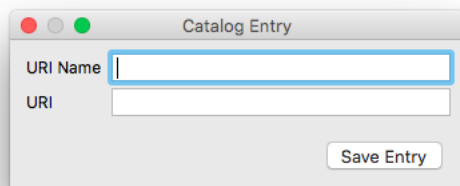
3. Select the appropriate entry type from the list.
4. Click the **Set Entry Type** button.
5. If the type of the new entry is "PUBLIC", the following dialog appears:



- a. Type the public id of the DTD in the **Public ID** text box.
 - b. Type the location of the DTD, relative to the catalog, in the **URI** text box.
 - c. Click the **Save Entry** button.
6. If type of the new entry is "SYSTEM", the following dialog appears:



- a. Type the name of the DTD or XML Schema in the **System ID** text box.
 - b. Type the location of the DTD or XML Schema, relative to the catalog, in the **URI** text box.
 - c. Click the **Save Entry** button.
7. If type of the new entry is "URI", the following dialog appears:



- a. Type the name of the URI in the **URI Name** text box.
 - b. Type the location of the corresponding DTD or XML Schema, relative to the catalog, in the **URI** text box.
 - c. Click the **Save Entry** button.
8. If the type of the new entry is "nextCatalog" a file selection dialog appears. Locate the catalog in the file system and save it.

Edit Catalog Entry

Procedure

1. In the **Preferences** dialog, select the **XML Options** tab.
2. Select the entry to modify from the entry list.
3. Click the **Configure Catalog Entry** button.

A dialog of the appropriate type for editing the selected entry appears.
4. Edit the properties of the entry.
5. Click the **Save Entry** button to close the properties configuration dialog.

Delete Catalog Entry

Procedure

1. In the **Preferences** dialog, select the **XML Options** tab.
2. Select the entry to remove from the entries table.
3. Click the **Remove Catalog Entry** button.

A confirmation dialog appears.
4. Confirm the delete operation.

Results

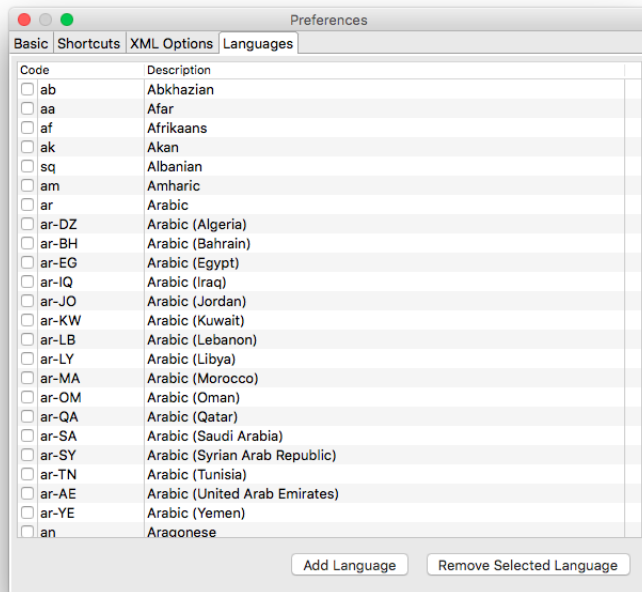
The selected entry is removed from the XML catalog.

Language Codes

Standard language codes from [BCP47](#) are used in all operations.

A list of the most common language codes is included in the program. The list of languages can be customized as needed.

In the **Preferences** dialog, select the **Languages** tab to configure the languages list. The dialog will look like this:



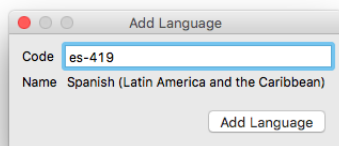
Add Language

Steps for adding languages to the application

Procedure

1. In the **Preferences** dialog, select the **Languages** tab.
2. Click the **Add Language** button.

The following dialog appears:



3. Type the code for the new entry in the **Code** text box. The code must be a valid language tag from BCP47. Language description is automatically displayed when a valid tag is entered.
4. Click the **Add Language** button.

Results

A new entry is added to the list of working languages.

Delete Language

Steps for removing a language from the list of working languages.

Procedure

1. In the **Preferences** dialog, select the **Languages** tab.
2. Select the entry to delete in the list of language codes.
3. Click the **Remove Selected Language** button.

Results

The selected entry is removed from the list of working languages.

Glossary

Computer Aided Translation (CAT)

Computer technology application designed to assist human translators in the translation process.

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.

CSV

CSV (Comma Separated Values) is a standard file format used to store tabular data.

SRX

Segmentation Rules eXchange (SRX) is an XML-based open standard, published by [LISA](#) (Localization Industry Standards Association), for describing how translation and other language-processing tools segment text for processing.

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.