

SUBTITLE HORSE 4.1 SET UP DOCUMENTATION

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1. How to setup the tool (described for PHP)

To start you can copy all files into your web directory and adjust the horse.html and writeData.php.

The tool is embedded in the horse.html and it will call the writeData.php to send the titles.

See also the horse_fullscreen.html for running the tool in full-screen.

1.1. horse.html

In the horse.html you can set the video URL, path to the configuration folder, pass-through variables and if needed the titles which are loaded by default. In this example the tool is embedded with swfObject, for more information see <http://code.google.com/p/swfobject/>.

1.1.1. Configuration Folder

In the configuration folder the files config.xml, help.xml, language.xml menu.xml and shortcuts.xml are stored, these files can't be renamed. Also there's an image folder for the images used in the help window.

```
var flashvars = {  
    configurationFolder: "configuration",  
    videoUrl: "http://subtitle-horse.com/sampleData/video.flv",  
    defaultTitles: "http://subtitle-horse.com/sampleData/timedText.xml",  
    yourcompany_somevar: "someValue"  
};
```

It's strongly recommended to not mix absolute and relative paths in the `swfobject.embedSW` function and `configurationFolder`.

1.1.2. Video

To load a video into the tool you can set the flashVar videoUrl...

```
var flashvars = {
    configurationFolder: "configuration",
    videoUrl: "http://subtitle-horse.com/sampleData/video.flv",
    defaultTitles: "http://subtitle-horse.com/sampleData/timedText.xml",
    yourcompany_somevar: "someValue"
};
```

...or if you are working with a streaming server use videoHost and videoID.

```
var flashvars = {
    configurationFolder: "configuration",
    videoHost: "rtmp://yourStreamingServer.net/",
    videoID: "yourFile.flv",
    defaultTitles: "http://subtitle-horse.com/sampleData/timedText.xml",
    yourcompany_somevar: "someValue"
};
```

1.1.3. Titles loaded by default:

If you want to load titles by default set the flashVar defaultTitles, otherwise remove this line.

```
var flashvars = {
    configurationFolder: "configuration",
    videoUrl: "http://subtitle-horse.com/sampleData/video.flv",
    defaultTitles: "http://subtitle-horse.com/xml/previewExample.xml",
    yourcompany_somevar: "someValue"
};
```

1.1.4. Pass through variables

All variables which are defined as flashVars will also be passed through. It's recommended to write all pass-through flashVars with a prefix like „yourcompany_somevar“. Prefixes which are used by the tool (appearance_, behaviour_, export_, import_, save_, autosave_, editor_) should be avoided, also all variable names listed as flashVars or output.

```
var flashvars = {
    configurationFolder: "configuration",
    videoUrl: "http://subtitle-horse.com/flv/video.flv",
    defaultTitles: "http://subtitle-horse.com/xml/previewExample.xml",
    yourcompany_somevar: "somevalue"
};
```

1.2. writeData.php

The writeData.php receives data after the “save on server” menu item was clicked, via post method. See the comments in the writeData.php for more information.

2. List of flashVars

NAME	Type S = String N = Number B = Boolean	DEFAULT VALUE	DESCRIPTION
videoUrl	S		Path to the Video, e.g. <i>http://domain.com/yourvideo.flv</i>
videoHost	S		Streamer (RTMP) like <i>rtmp://yourStreamingServer.net/</i>
videoID	S		Id flv/mp4/.. of the video (if videoUrl isn't defined)
defaultTitles	S		Path to file with default titles. Must be a supported format (timedText, SRT, Encore).
project	S		Path to a project file (horse format), for example to continue an unfinished transcript session. Use this instead of defaultTitles.
appearance_stageWidth	N		Only needed if you don't run the tool full-screen. It should have the same value as the width, set in the embedSWF function. It's optional and helps to scale the tool in some browsers (i.e. Firefox), if the default zoom of the browser isn't 100%.
configurationFolder	S	configuration	Absolute or relative path to a folder, where all configuration files are stored (config.xml, help.xml, language.xml, menu.xml, shortcuts.xml)

3. List of output variables

exportString	S	The output (your titles) depends on save_format
format	S	The format you want the titles to be saved.
extension	S	An suggestion for the file's extension (.xml,.srt, .txt) depends on save_format)
amountOfTitles	N	The amount of titles
*	S	Variables which are defined as flashVars.

4 .Configuration

4.1. config.xml

Depending on your needs you can adjust the tool with the following items in the config.xml (it's also possible to set any of these items as a flashVar)

PLAYER			
player_width	N	360	Width of the player in pixel (<400: no seek bar <345: no seek button <320 no skip buttons)
player_height	N	270	Height of the player in pixel.
player_httpMode	S	searchKeyframes	Only relevant if you're video isn't on a streaming server or youtube: pretend: pretend that the video is at the shown time searchKeyframes: search key frames and play to the right frame of FLV when skipping/scrubbing. realTime: show the real time of the video.
APPEARANCE			
appearance_welcomeAlert	B	false	If a text appears in an alert window when the tool loads for the first time. The text can be set in the language.xml as alert_welcomeText
appearance_titlesTextWidth	N	320	Width of the text input fields on the right. The width of the titles` list will be this value + 155.
appearance_showMultiLines Titles	B	false	If titles with three lines should be shown in the titles` list
appearance_showBlackBG	B	false	If black border is shown behind title's text in the preview
appearance_defaultFont	S	Arial	Default font for the titles` list and preview only.
appearance_marginLeftRight	N	0	The margin between the left border of the tool and the player and the right border of the tool and the titles` list.
appearance_marginBottom	N	0	The margin between the bottom border of the tool and the titles` list.
appearance_tabStop	N	120	The tab stop width of text configured as mainWindow_help

Behaviour			
behaviour_transcriptMode	B	false	If the tool should start in transcript mode
behaviour_autocorrect	B	true	Automatically correct start-/end-time values if a conflict appears
behaviour_jumpToShowTime AfterNewTitle	B	true	Jump to show time, when a new title is created.
behaviour_titlesGap	N	0.100	The gap between titles, when functions like glue, split or auto correct are used.
behaviour_useEnterKey	S	scNewTitle AfterLastTitle	Behaviour for enter key: linebreak: use enter key for line-break only scNewTitleAtCurrentTime: new title at current time (use shift + enter for line-break) scNewTitleAfterLastTitle: new title after last title (use shift + enter for line-break)
IMPORT			
import_selectTitles	B	false	Titles loaded by default will be selected
EXPORT			
export_TTHeader	S	*	Header for the timedText-format
export_htmlOutput	B	true	If span or HTML tags are written (timedText only): false: bold text true: bold text
export_decimals	N	3	The amount of decimals (timedText only)
export_clockwork	B	true	If the clockwork format is used for time values (timedText only)
export_headerFromImport	S	true	If the header of an imported timedText file is used (timedText only)
export_preserveXMLAttributes	B	false	If non supported attributes in an imported timedText file should be preserved when exported (timedText only)
IMPORT / EXPORT			
import_export_framerate	N	25	The frame-rate which is used for the encore format, when these are defined as save_format or as defaultTitles

SAVE			
save_confirmation	B	true	If saveOnServer needs to be confirmed by the user. Use "alert_saveOnServer" in the language.xml to adjust the text.
save_destination	S		Path to file that the tool sends the output variables to and all flashVars e.g. for PHP: \$exportString = \$_POST['exportString']; (the titles-string defined as saveFormat).
save_format	S	timedText	Format in which the titles are saved. Possible values: srt,timedText, encore, and horse (horse: based on timedText but also contains all configuration values changed by the user and unfinished transcript session data).
save_target	S	none	After the saveOnServer menu item was pressed: „_blank“ = opens new window „_self“ = current window „none“ = only calls save_destination
save_format_1 save_format_2 save_format_3	S		To save more than one file you can also define save_format_1 (_2,_3). It's also possible to call a different save_destination (save_destination_1(_2,_3)) for these formats. The tool will start with the first format. When it is finished, the tool calls the second one and so on. All files except of the last one will be saved with save_target ="none". The last one will be saved with the value of "save_target".
AUTOSAVE			
autosave	B	false	If the tool should send a request to autosave_destination every time the titles are changed. The format will be timedText and can't be changed.
autosave_destination	S		The destination for the autosave function.
autosave_target	S	none	The target for the autosave function, you probably don't want to change this one.
autosave_delay	N		The delay of the request, so if the user does multiple changes in a short interval only the last one will cause an autosave request (all changes/titles will be sent).

EXIT			
exit_url	S	http://subtitle-horse.com	The URL which is loaded after the user leaves the tool via the exit menu item.
exit_target	S	_self	After the exit menu item was pressed: „_blank“ = opens new window „_self“ = current window
EDITOR			
editor_fontFamilyCombo	B	false	To show/hide the adequate buttons/combo boxes in the editor.
editor_fontSizeCombo	B	false	
editor_italicBtn	B	true	
editor_boldBtn	B	true	
editor_underlinedBtn	B	true	
editor_clearFormatBtn	B	true	
editor_alignButtons	B	false	
editor_valignButtons	B	false	
editor_fontFamilies	S	-system-	Strings of fonts separated by commas shown in the editor's font combo box. e.g. "Arial,Courier,Verdana" or use "-system-" to show all fonts on the user's system.
editor_fontSizes	S	6,8,10,12,14,16,24,36,72	With comma separated strings of font size values shown in the editor's font size combo box
Window Import			
importWindow_atCurrentTime	B	false	The default value of the "at current time" -check-box in the import window
importWindow_asNew	B	true	The default value of the "import as new" -check-box in the import window
importWindow_selectedOnly	B	false	The default value of the "import selected titles only" -check-box in the import window
importWindow_importTranscript	B	false	The default value of the "import as transcript" -check-box in the import window
Undo Redo			
undoRedo_times	N	4	The amount of times a user can use the undo/redo function. Cause of performance reasons, you shouldn't choose a too great value.

* `timedText` default header:

```
<?xml version="1.0" encoding="UTF-8"?>
-linebreak-
<tt xml:lang="en" xmlns="http://www.w3.org/2006/10/ttaf1"
xmlns:tts="http://www.w3.org/2006/10/ttaf1#styling">
-linebreak-
<head>
-linebreak-
</head>
```

“-linebreak-” will be replaced through `\r` in an output format and `\r\n` within flash

4.2. menu.xml

In the `menu.xml` all menu items of the main menu are stored, you can delete or swap items based on your needs.

4.3. language.xml

All text except of the menu items and the text of the help window is stored in the `language.xml` file. Most items can be hidden with the value “-hide-”.

```
<item name="button_newTitleAfterLastTitle">-hide-</item>
```

In this case the second insert button ("insert at end") will be hidden.

The `mainWindow_help` item can contain the string `"\t"` for a tab-stop, see also `"appearance_tabStop"`.

4.4. help.xml

the content for the help window is stored in the help.xml

there are three different parent nodes:

menuXML node	The tree menu on the left of the help file (exist one time)
styles node	The styles of the HTML text used on the help pages (except on the shortcuts page)
shortcuts nodes	All shortcuts have the prefix „shortcuts_“ and end with the items listed in the shortcuts.xml
page nodes	Page nodes are named after their pages. in the page nodes an HTML-text is written after the {-text-} string an image after the {-image-} string.

4.5. shortcuts.xml

All short-cut information except of the special behaviour of the enter key (see also "behaviour_useEnterKey") is stored in the shortcuts.xml.

Attributes of a short-cut item:

group	Defines in which group the short-cut is listed in the help window
key	The character code of the short-cut
secKey (optional)	If a second key needs to be pressed for the short-cut. Possible values: "CTRL" and "SHIFT"
thirdKey (optinal)	If a third key needs to be pressed for the short-cut. Possible values: "CTRL" and "SHIFT"
function	The function for the short-cut (all functions are listed in the shortcuts.xml and should be self explanatory)

For more information visit: <http://subtitle-horse.com>