WebTools

V2.2 RELEASE

USER MANUAL

WebTools User Manual

Contents

Preface

Welcome to the WebTools User Manual. This manual aims to inform and guide you through the many features of the WebTools Channel/App for Plex Media Server.

WebTools is a graphical user interface that allows you to keep track of subtitle files associated with your Home Movies, Movies and TV Shows in your Plex Media Server libraries. It also allows you to view your Plex Media Server log files easily and download and prepare them for submission in the Plex forums when you are diagnosing those rare issues with the wonderful Plex Media Server.

You will also find a comprehensive tool, the Unsupported AppStore that allows you to add, remove and update third party Channels/Apps that are produced by many talented authors, to your Plex Media Server for one of the best media experiences you will find anywhere.

1. Getting Started

After completing the installation of WebTools you will need to open the interface by typing the following into your browser address bar:
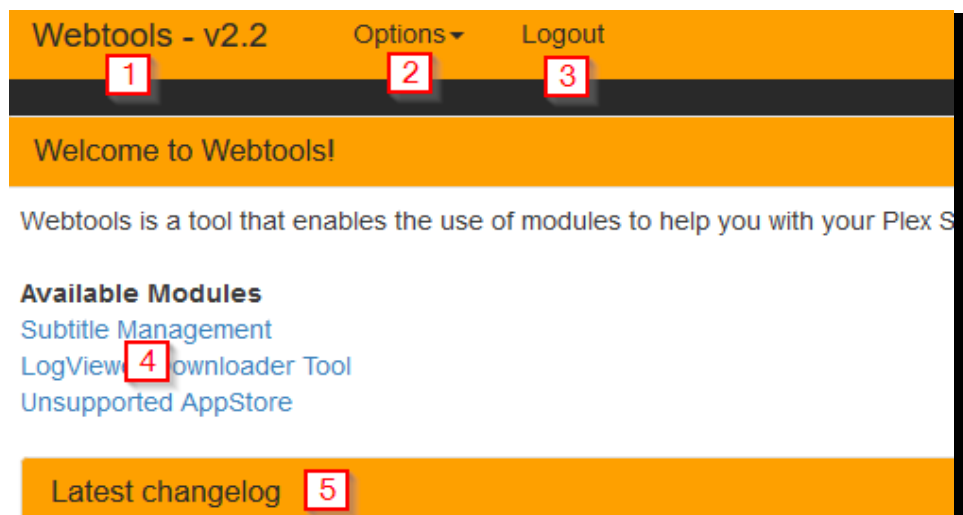
http://your-device-IP-address:33400 or https://your-device-IP-address:33443

Note: *WebTools will be displayed under Channels in the Plex/Web interface and you may click on the icon shown there and the address to use will be shown, but due to a limitation of the Plex Programming API, a true link cannot be provided there.*

After pressing enter, your browser will open the login page where you can then enter your Plex Account details.

After clicking Sign In, you should now be presented with the WebTools Main page.

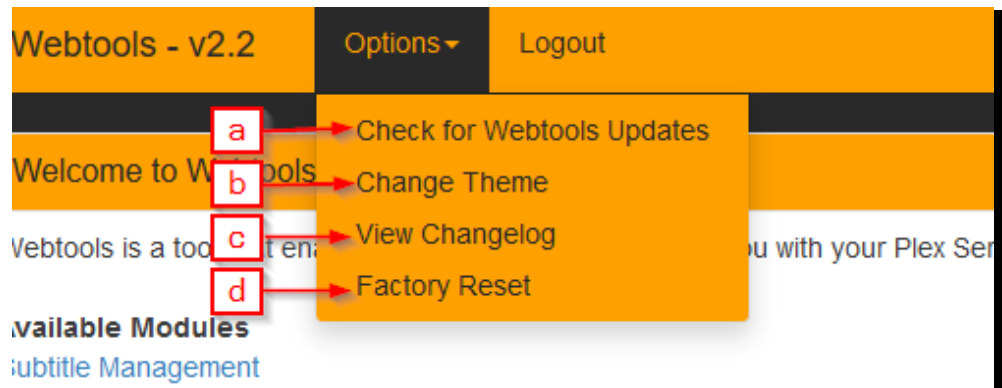You will find the following on the Main Page:

1. On the Main Menu Bar you will find the WebTools title and version number. If you click on the WebTools title from any page, you will always be returned to the main page.

2. The options menu provides options for you to choose from. See 2. Options Menu.

3. Clicking on the logout button will sign you out of WebTools and return you to the login page.

4. By clicking on one of the tool module links, you will be taken to the appropriate tool page.

5. Shows the latest changes made to WebTools.

2. Options Menu

a) This will allow you to update WebTools without the need to reinstall it.

b) This will allow you to change the screen colors of WebTools based on predefined style sheets. You may create your own style sheet by copying and then editing an existing style sheet. See Customizing Themes for details.

c) Choosing the View Changelog option will present you with the full changelog for WebTools and will detail all of the changes made to WebTools since it's inception.

d) This option will reset all of WebTools preferences back to factory settings and it will clear the caches associated with the Unsupported AppStore, Log Viewer and Subtitle Manager.

3. Subtitle Management

When entering the Subtitle Management page you will be presented with a welcome message and an instruction to help get you started.

You will notice the Menu bar now also has /Subtitle Management which is clickable and will refresh the Subtitle Management page.

You may also notice a preferences option in the Options menu. This will allow you to set a number of options including the number of items to show on each page of files/subtitles.

Beside the /Subtitle Management link is the Libraries menu where you can select the library you wish to view.

After selecting a library to view you will be presented with a list of your files and the subtitles associated with each of your files.
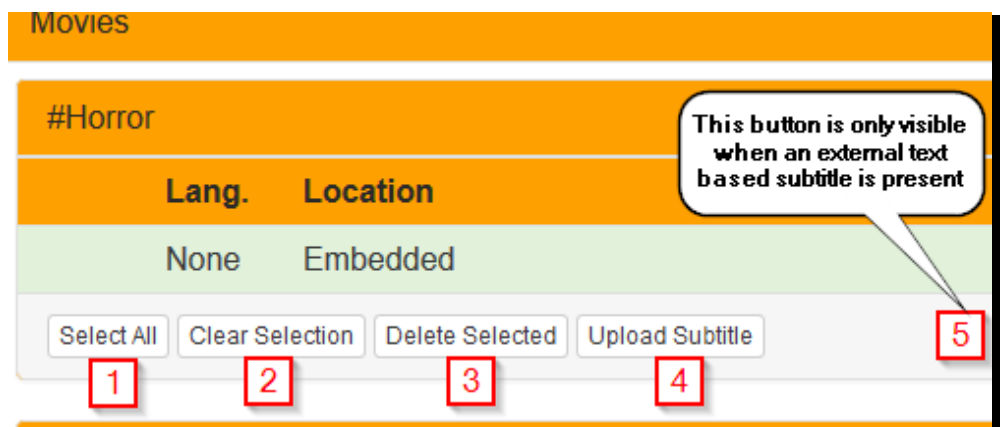
The following columns will also be shown.

Lang. - the language of the subtitle will be shown, if it is known.

Location - This describes where the subtitle will be found. Sidecar means it is an external file. Embedded means the subtitle file is a part of the video file itself.

Codec - this describes the format that the subtitle uses.

You will also see a number of buttons:

1. Select all will checkmark all external subtitles listed under the file name.

2. Clear selection will clear all check marked subtitles under the file name.

3. Delete selected will delete all subtitles that have been check marked.

4. Upload Subtitle will allow you to upload a subtitle file to your Plex media folder for inclusion in your Plex library.

Note: *You should ensure that the subtitle file is correctly named (exactly like your video file name) and is in a supported format before you upload it to your Plex folder.*

If you fail to do that, then Plex may not be able to recognize the file correctly and you may have issues locating the subtitle to use in Plex.

If in doubt or if you spot an issue with the file you just uploaded, you may delete it by selecting the file in the list and then clicking on the Delete Selected button.

5. View will open and display the contents of the subtitle file where possible. This button will not be visible if the subtitle file is embedded or the subtitle is in a graphical format.

Note: *At the bottom of the page there will be a popup selector that will allow you to select the files to display alphabetically, allowing you to navigate long lists of files quickly and easily.*

4. Log Viewer

When entering the Log Viewer/Downloader Tool page you will be presented with the contents of the default Plex log file.

The default log file will normally be the Plex Media Server.log as it contains the most relevant information pertaining to the general operation of Plex Media Server.

At the top of the page you will see a drop down menu and by clicking on the down arrow box you will see a list of all available log files for your Plex Media Server.

Besides the drop down menu you will see two links, the first link, 'Download selected log file', will download the log file that is currently displayed in your window.

The second link, 'Download all as zip', will archive (.zip) and then download ALL of the Plex log files. This is particularly useful if you are asked for log files by a Plex employee or Plex Ninja in the support forums.

Note: *You should send this file or a link to this file in a private message to the person requesting your logs as your logs do contain information, such as Public IP addresses, which should be kept private.*

At the bottom of the Log Viewer window you will also notice a very useful search box and associated buttons that allows you to quickly search for and view keywords in the log file you are currently viewing.

There is also a 'Jump To Top' button that will quickly take you back to the first line in the log file you are currently viewing.

Webtools - v2.2   /LogViewer/Downloader Tool   Options▾   Logout

Viewing Logfile: Plex Media Server.log   ⌄   Download selected logfile / Downloa

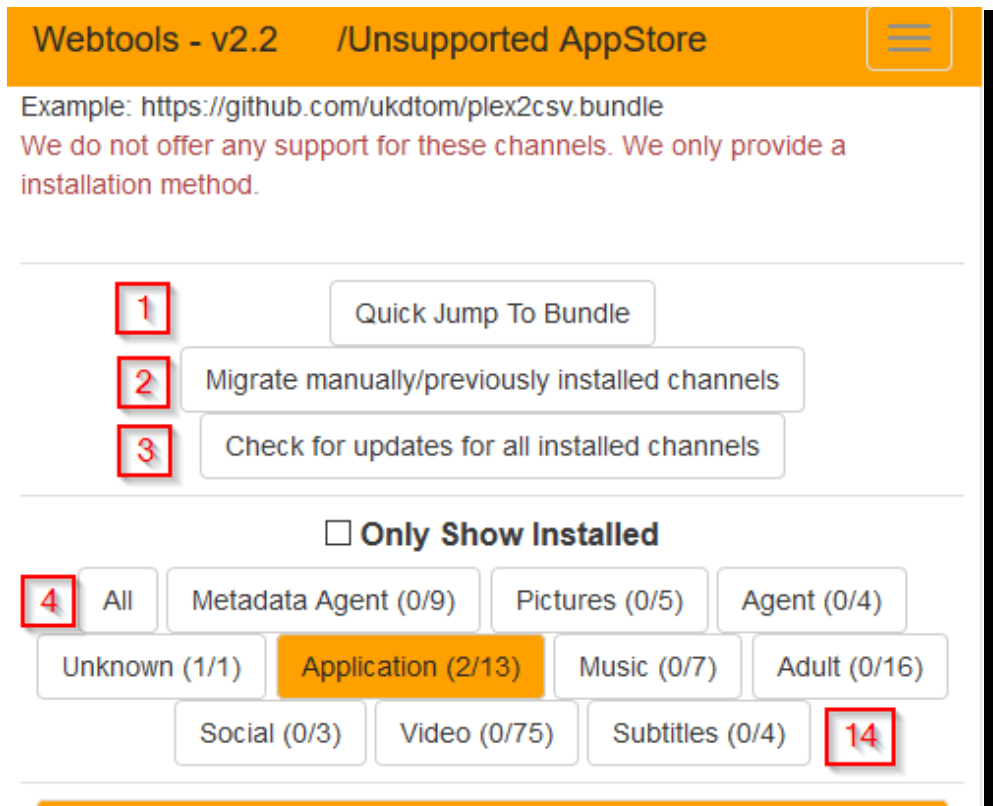| Row#	Logentry
#1	Apr 27, 2016 22:50:17 [0xf2d11b40] INFO - Plex Media Server v0.9.16.6.1993-5089475 - synology DiskStation
#2	Apr 27, 2016 22:50:17 [0xf2d11b40] INFO - Linux version: 3.10.77 (#7321 SMP Thu Apr 21 14:34:36 CST 2016
#3	Apr 27, 2016 22:50:17 [0xf2d11b40] INFO - Processor Intel(R) Atom(TM) CPU D2701 @ 2.13GHz
#4	Apr 27, 2016 22:50:17 [0xe5fffb40] DEBUG - It took 0.0 sec to serialize a list with 10 elements.
#5	Apr 27, 2016 22:50:17 [0xf1bffb40] DEBUG - Completed: [::ffff:192.168.0.22:44468] GET /channels/all (7 live)
#6	Apr 27, 2016 22:50:22 [0xe5d11b40] DEBUG - Request: [::ffff:192.168.0.22:44468] GET /library/sections/31/a
#7	Apr 27, 2016 22:50:22 [0xe5d11b40] DEBUG - Auth: We found auth token (xxxxxxxxxxxxxxxxxxxxx), enabling
#8	Apr 27, 2016 22:50:22 [0xe5d11b40] DEBUG - Auth: Came in with a super-token, authorization succeeded.

5. Unsupported AppStore

When entering the Unsupported AppStore you are presented with a welcome message at the top of the page. You should read that message carefully as it contains important information about how to use the UAS.

The Main Menu Bar will now show /Unsupported AppStore and clicking on that link will refresh the page.

You may also notice a preferences option in the Options menu. This will allow you to set the number of items to show on each page of files/apps.

Just below the welcome message you will find the manual app installer. By entering the GitHub address of a Plex Channel/App into the address bar and then clicking on install, you can add any Plex Channel you wish.

5A. THE BUTTONS

1. Quick Jump to Bundle

2. Migrate Manually/previously installed Channels

3. Check for updates for all installed channels

Only Show Installed checkbox

4. All

5. Metadata Agent

6. Pictures

7. Agent

8. Unknown

9. Application

10. Music

11. Adult

12. Social

13. Video

14. Subtitles

1. When clicking on the 'Quick Jump to Bundle' button will present a dialogue containing a drop down menu. From the menu you may select any of the listed Channels/Apps and WebTools will quickly take you directly to that Channels/Apps Details box.

2. When clicking on the 'Migrate Manually/previously installed Channels' button will open a small dialog detailing any Channels/Apps that were installed before you installed WebTools. Those Channels/Apps will now be displayed on the UAS page as a part of WebTools.

3. Clicking on the 'Check for updates for all installed channels' button will open a dialog that searches for updates to all known Channels/Apps and 3rd party apps in the UAS. From there you can update individual Channels/Apps or update them all at once.
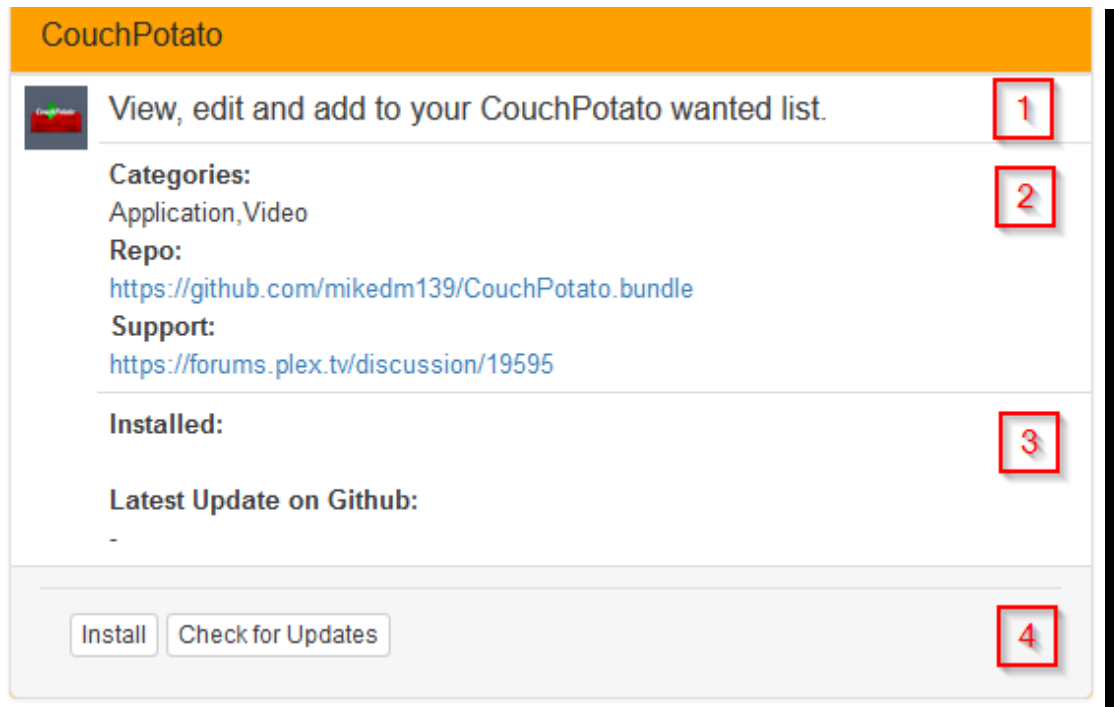
- By selecting the 'Only Show Installed' Checkbox, only those Channels/Apps that are installed in your Plex Media Server will be shown.

4. The 'All' button will display all Channels/Apps in a continuous list based on the number of Channels/Apps you have set in the preferences to be listed on each page. You will also find a page selector at the bottom of the page consisting of a number of numbered buttons with each button representing a page of Channels/Apps.
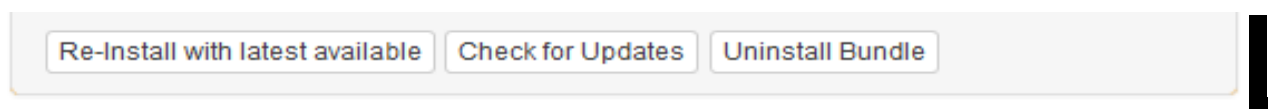
5 to 14. The remaining buttons will display only the Channels/Apps associated with the title or category of the button.

5B. THE CHANNEL/APP LIST BOX

Each Channel/App is listed by name in a lined display box which consists of the following lines:

1. The first line lists a general description of the Channel/App.

2. The second line displays the Category of the Channel/App, the GitHub address for the Channel/App and a support link when it is supplied.

3. The installed date, and the latest available package date.

4. An Install button, Check for Updates button or when the Channel/App is already installed, a Re-install with latest available button, Check For updates button and Uninstall Bundle button. The function of each of these buttons should be self-explanatory.

6. Customizing Themes

If you wish to create your own custom theme you may start by copying an existing theme file in the /WebTools.bundle/http/custom_themes folder and rename the file to

mycustomtheme.css or any descriptive name you desire. You must ensure that the file extension, .css remains.

Once you have done that, you may open the file in a text editor and proceed to change the color definitions for the various elements.

Note: you should be careful not to alter the format of the file in any other way. You are only allowed to edit the hexadecimal color values #242424.

Example:

.panel-default>.panel-heading {background-color: #FE9B00; color: #242424;}

The colors are defined by the hexadecimal numbers immediately following the # symbol.

In the line above, the text background color is set to #FE9B00 which is a gold color.

The text color is set to #242424 which is a very dark grey color.

By changing the number values, you are able to change the various elements to any color you desire.

Note: when editing your custom style sheet, you should refresh your browser page often, otherwise, you may not see the changes you have made to your custom style sheet/theme.

To give you some idea of the colors to use and to find their respective color number values, then visit this page: http://www.w3schools.com/colors/colors_picker.asp

Credits

Main Developers
Dagalufh (JS/HTML, Frontend)
Dane22 (Python, Backend)

Custom Themes
trumpy81

Documentation
trumpy81

Beta Testers
OttoKerner   sa2000
trumpy81   Xandi92

Never Forget
The idea of an Unsupported AppStore was conceived by mikedm139, the original author of the Unsupported AppStore.

And Many Thanks To
The talented and hardworking authors/developers and staff at Plex. We are eternally grateful for your dedication and hard work.