

Developer tooling

This section describes some tooling to make a WebHare developer's life easier

Users in a support role may also find some of the tips here useful, eg the Find and Debug bookmarklets

Tips and tricks

Bookmarklets

These bookmarklets can make life a bit easier when using or developing on WebHare. To use these bookmarks, enable your browser's bookmark and drag the hyperlinks directly to the bar.

[Find](#) - open the current output page in WebHare

[Debug](#) - modify debug settings for the current page

On an iOS device, bookmark this page and name it Debug, Find or something like that. Then edit the bookmark and update the link to:

Development

You should generally have 'output debugmode' enabled (see above) so changes to JS/CSS will take effect earlier.

When developing static pages you can often use the live preview (ctrl+shift+b) in the Publisher to get a dynamic and easily refreshable page.

Installing connect-helper

The connect helper adds "Mount over WebDav", "Open in Sublime" and "Open in Finder" options to OSX.

Using WebDav, you can connect to a remote WebHare server (Mac's Finder adds a new volume). This volume contains Publisher contents, modules and custom folders exposed from WebHare itself (application "Modules and configuration" => Menu => WebDav Data Folders).

This can for example be helpful if you want to debug something on external servers.

To make connections to servers, first install the connect-helper:

1. `npm i -g webhare-connect-helper`
2. `webhare-connect-helper --install`
3. `sudo webhare-connect-helper --install-sudo`

Then, visit <http://127.0.0.1:7521/> (the “Welcome to connect-helper” message should be visible). In the “Connect a server”, enter the URL of a WebHare server (for example <https://cms.webhare.com/>) and connect to it by using the “Connect” bookmarklet.

Sublime

Installing the Sublime WebHare package

1. Open the Command Palette (Cmd+Shift+P on Mac)
2. Select "Package Control: Install Package"
3. Install the package named "WebHare"

Some useful commands in Sublime’s WebHare Package are:

- **Documentation search**
Opens the local WebHare installation’s documentation site (/docs/). Make sure the docs site is enabled (application “Modules and configuration” => Menu => “Tollium backend” => tab “Server” => enable option “Index source code”).
- **Get Last Error Stack Trace**
Scrolls through (the errors from) the last stack trace. Jumps to the source code after selecting one of the stack trace items.
- **Codegrep**
Search code from the local modules, both WebHare’s internal modules as well as your own modules. Double click on a result to jump to the code (requires the ‘mousemap’ settings).
- **Symbol search**
After selecting a (WebHare) function, macro or object, jumps to the source code.
- **Validate file**
Compiles/validates the current file. Supports whscr, whlib, xml and siteprl.
- **Source switch**
This command can be used to switch between a screen XML file and the accompanying WHLIB file.

To install WebHare’s recommended packages, select Preferences => Package Settings => WebHare => Recommended Packages => Install all recommended packages.

Open Tollium component in Sublime

Use the following combination on a (Tollium) component to open the component’s XML specification in Sublime:

specification in sublime.

Option + shift + right click

Other useful Sublime Packages

- TabsExtra

Mouse integration

To support mouse-related functions, you'll need to add extra settings. This will make the following work:

- Double click codegrep results
- Cmd + right click on a function to trigger a popup with documentation
- Cmd + shift + right click to trigger symbol definitions

To get this to work on OSX, add a file named "Default (OSX).sublime-mousemap" in the Sublime Package/User folder (*/Users/<username>/Library/Application Support/Sublime Text 3/Packages/User*) with the following contents:

```
1 |
```