



Speedster Advanced for Magento 1

Online Version

An online version of this user manual can be found [here](#).

Quick Links

This User Manual is structured in the following sections:

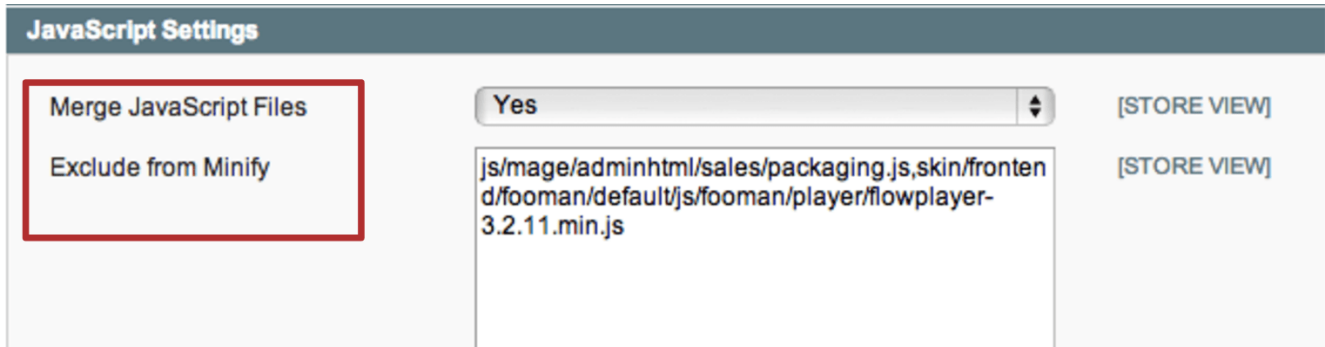
[Install + Set Up \(User Manual\)](#)

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Install + Set Up (User Manual)

Go to **System > Configuration > Developer** to get started.

1. Javascript Settings



JavaScript Settings	
Merge JavaScript Files	Yes [STORE VIEW]
Exclude from Minify	js/mage/adminhtml/sales/packaging.js,skin/frontend/fooman/default/js/fooman/player/flowplayer-3.2.11.min.js [STORE VIEW]

Merge JavaScript Files

Select “Yes” to enable merging of Javascript files under 'JavaScript Settings'.

Exclude from Minify

This field allows you to exclude specific file(s) from the minification process, while still including the merged file in the original file loading order. It's not possible to exclude entire file directories.

Enter the relative URL of any Javascript files that you wish to exclude, separated by a comma. For example: To exclude the following file <http://www.example.com/skin/frontend/base/default/js/opcheckout.js>, enter `skin/frontend/base/default/js/opcheckout.js`

The default setting is to exclude `js/mage/adminhtml/sales/packaging.js`

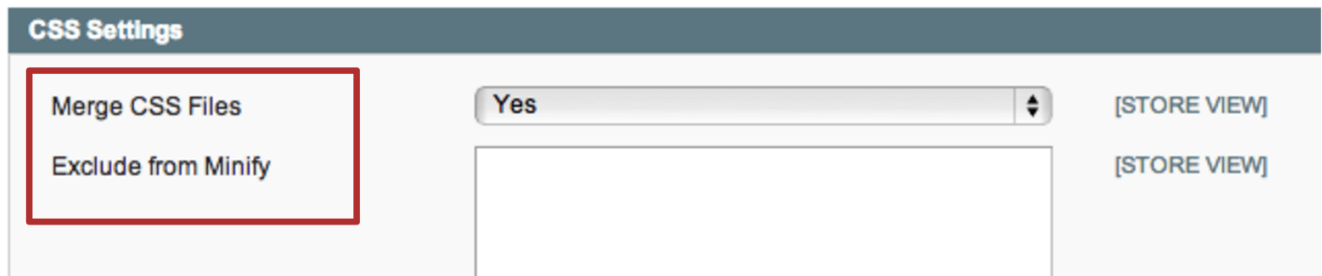
because this known to cause issues. We recommend that you keep this as a default exclusion (you can still add additional exclusions).

Troubleshooting

Certain files can cause issues when being minified and you want to exclude them from minification. A non-exclusive list of reasons include:

- Trying to minify an already minified Javascript file
- Javascript which isn't coded nicely (eg. not using semi-colons and instead relying on implied linebreaks for functionality – read more on eslint.com)
- Using another Javascript library in addition to Magento's prototype library (eg. JQuery)

2. CSS Settings



CSS Settings	
Merge CSS Files	Yes [STORE VIEW]
Exclude from Minify	[STORE VIEW]

Merge CSS Files

Select “Yes” to enable merging of CSS files under 'CSS Settings'.

Exclude from Minify

This field allows you to exclude specific file(s) from the minification process, while still including the merged file in the original file loading order. Enter the relative URL of any CSS files that you wish to exclude, separated by a comma. It's not possible to exclude entire file directories.

Developer Mode

In Magento's developer mode, Speedster Advanced will include the file names of the merged files in the combined output for easier troubleshooting.

Theme Optimiser

With version 1.4 Magento introduced the concept of static vs skin files (internally). The distinction is made as follows:

static:	js	skin:	skin_js
	js_css		skin_css

Speedster Advanced uses this internal distinction to separate the files into two files. The idea behind this is being able to load all library files and other files which you will require throughout the whole store only once. It is best described with an example. Imagine a customer visiting consecutive pages on the store:

Page	Needed Files	Default Magento	Speedster Advanced (optimised theme)	Combined filesize (Mage)	Combined filesize (Speedster Advanced)
1	Static Library 1 (100 KB) Skin File 1 (10 KB)	110 KB	110 KB	110 KB	110 KB
2	Static Library 1 (100 KB) Skin File 2 (20 KB)	120 KB	20 KB	230 KB	130 KB

To benefit from this Speedster Advanced feature you will need to optimise your theme. Everything that you want to have loaded on every page should reside in the /js folder (think libraries) and loaded via the default handle. All remaining files should live in the skin directories and included via a skin_js directive.

Currently the same separation does not make as much sense for CSS. Our current advice is to load all CSS as skin_css on the first load.

Workaround for Canonical URLs by Yoast (Yoast version 1.3 and below)

If you are using Yoast version 1.3 and below, you need to edit:

/app/code/community/Yoast/CanonicalUrl/Block/Head.php

Change

```
class Yoast_CanonicalUrl_Block_Head extends Mage_Page_Block_Html_Head
```

to

```
class Yoast_CanonicalUrl_Block_Head extends Fooman_Speedster_Block_Page_Html_Head
```

Workaround for JQuery Base by Mxperts

Edit

/app/code/local/Mxperts/Jquery/Block/Page/Html/Head.php

Change

```
class Mxperts_Jquery_Block_Page_Html_Head extends Mage_Page_Block_Html_Head
```

to

```
class Mxperts_Jquery_Block_Page_Html_Head extends Fooman_Speedster_Block_Page_Html_Head
```

Further advice on JQuery:

Jquery duplicates Magento's inbuilt Javascript library prototype which can add to page load times. If you are concerned about site speed, we recommend replacing extensions that use JQuery as a first step in optimising your site speed. Try finding a replacement solution which is based on the prototype library that comes with default Magento.

Excluding files from minification

Certain files can cause issues when being minified and you want to exclude them from minification.

See the related article for instructions on how to exclude files.

Some reasons you might want to exclude files from being minified are:

- Trying to minify an already minified Javascript file
- Javascript which isn't coded nicely (eg. not using semi-colons and instead relying on implied linebreaks for functionality - [read more](#))
- Using another Javascript library in addition to Magento's prototype library (eg. JQuery)

Disabling Speedster Advanced

Edit /app/etc/modules/Fooman_SpeedsterAdvanced.xml (change true to false). Save and refresh the Magento cache.

Do I need to install the classic Speedster extension as well?

No. Please uninstall the original Speedster extension first, before installing Speedster Advanced.

Reporting Any Issues/Bugs

We are proud of our quality extension code - it's been widely tested and we stand by it 100%. If something does happen and you think you might be experiencing an issue or bug, please contact us via support@fooman.co.nz and we will help you out.