

WP Swift Page User's Manual

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Introduction

WP Swift Page is a WordPress plugin that can be used to optimize page load speed performance of your website so that pages load more quickly. Using this plugin, you should be able to see improved ratings and scores when examining your pages with tools such as Google Page Test or GTMetrix.

Using the plugin is very easy. Simply specify the settings options provided in the admin page.

Note: The Wp Swift Page Plugin comes in Full Edition and Lite Edition. This manual is good for both editions, but the following features are not available in the Lite Edition.

- Image Compression
- Browser Cache
- Manage CSS & Javascript in a page

Access the "WP Swift Page" Admin Area.

This menu item appears in the WordPress Admin Area when you activate the plugin. Clicking on this menu link takes you to the WP Swift Page Dashboard.

In addition, there are several submenus under the WP Swift Page menu, all of which lead to the various settings of the plugin – they are organized by tabs.

Here's an explanation of each tab page.

1. The Dashboard Tab

This page displays various statistics resulting from the optimization settings that you apply on the site. Here's the explanation:

1. Home Page Load Stats -- This section displays your website performance metrics. Here performance data is calculated based on data from

GTMetrix and hence for it to be able to display this data you have to enter GTMetrix API Key in the Settings page. Some performance data shown include:

- a. Page Speed Score
- b. YSlow Score
- c. Page Load Time
- d. Total Page Size
- e. requests

2. Image Compression Stats -- This section displays statistics for image compression process that has been done by the plugin. The data displayed include:

- a. Total Compressed Image
- b. Image Size Reductions
- c. Image Percent Reductions

2. The General Tab

This page contains the options that set the general process of optimizing a website.

A. Remove Junk Header Tags

The following options are available in this section:

1. Remove RSD link -- Removes Really Simple Discovery (RSD), which is in the <head> tag.

Remove RSD Link



2. Remove WordPress Shortlink -- Removes WordPress Shortlink that is in the <head> tag.

Remove WordPress Shortlink

On Off [?](#)

3. Remove Adjacent Post Links -- Removes the Adjacent Post Links in the <head> tag.

Remove Adjacent Posts Links

On Off [?](#)

4. Remove Windows Manifest -- Removes the Windows Manifest in the <head> tag.

Remove Windows Manifest

On Off [?](#)

5. Remove the WordPress Version -- Removes the WordPress version information that is in the <head> tag.

Remove the WordPress Version

On Off [?](#)

6. Remove All RSS Feeds Links -- Removes all RSS Feed links that exist within the <head>.

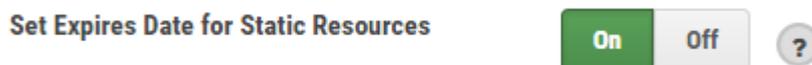
Remove All RSS Feed Links

On Off [?](#)

B. Browser Cache

The options in this section are used to run multiple processes to enable browser cache-related optimizations.

1. Set Expires Date for Static Resources -- Sets the Date Expires for all static resources such as images, video files css, javascript.



2. Enable HTTP (gzip) Compression – Enables GZIP Compression to reduce the size of files sent by the server so that it can increase the speed of delivery to the browser.



3. Disable ETag Header – Disables the ETag Header.



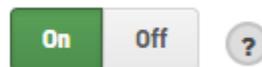
4. Enable Keep-Alive – Sets the Keep-Alive option. Enabling keep-alive basically tells the browser to establish a TCP connection once instead of multiple times to request all your website's files (like images, CSS scripts, Javascripts, etc ..). This speeds up your website because the browser only needs to open just one persistent HTTP connection instead of having to establish multiple connections for every single file loaded by your web page.

3. The Script Tab

On this page contain the options that govern optimizing the javascript files that are included in your website. The following explanation of these options:

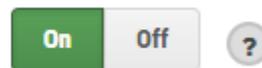
1. Move Scripts to the Footer -- Moves all javascript to the footer (bottom) of the page.

Move Scripts to The Footer



2. Merge Scripts to One File -- Combines all javascript files into one file.

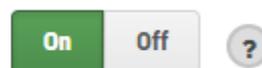
Merge Scripts to One File



Note: When combining Javascript file it is possible for some scripts to not function properly. So you should try it out first in the testing environment. But do not be afraid after enabling this option, you can easily turn off again without any effect on your website.

3. Defer parsing of JavaScript Files – Delays Javascript execution until the page has finished loading.

Defer Parsing of Javascript Files



4. Remove query strings -- Removes query strings from any url javascript.

Remove Query Strings

On Off ?

5. Load JS from Google Libraries -- Load javascript library from google servers to speed up the process of loading javascript.

Load JS from Google Libraries

On Off ?

6. Remove WP Emoji Script -- Removes the WP Emoji script, which is used to enable emoticons to your posts and pages.

Removes WP Emoji Script

On Off ?

7. Manage Plugins Scripts -- Manage the scripts that come from plugins, here you can choose not include include some scripts that you feel are unnecessary.

Manage Plugin Scripts		
jquery-ui	http://ajax.googleapis.com/ajax/libs/jqueryui/1.10.4/jquery-ui.min.js	✕
ip-velocity-script	http://localhost/wpplugin/wp-content/plugins/visitor-converter/assets/js/third_party/velocity.min.js	✕
ip-velocity-ui-script	http://localhost/wpplugin/wp-content/plugins/visitor-converter/assets/js/third_party/velocity.ui.js	✕

4. The Style Tab

This page contains various options that govern optimizing the css files that are included in your website.

1. Move Styles to the Footer -- Moves all css to the footer (bottom) of the page.

Move Styles to The Footer

On

Off



2. Merge Styles to One File -- Combines all css files into one file.

Merge Styles to One File

On

Off



Note: When combining the CSS files is possible for some of the CSS styles to not work as it should. So you should try it out first in the testing environment. But do not be afraid after enabling this option, you can easily turn off again without any effect on your website.

3. All Minify CSS Styles -- Compresses each css file so that its size is smaller.

Minify All CSS Styles

On

Off



4. Remove query strings -- Removes query strings from any CSS URL.

Remove Query Strings

On

Off



5. Removes Extra Font Awesome Styles -- Deletes the Font Awesome CSS file.

Removes Extra Font Awesome Styles

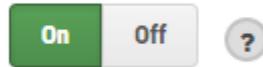
On

Off



6. Removes Extra Dashicon Styles – Deletes the Dashicon CSS file.

Removes Extra Dashicon Styles



7. Manage Plugins Styles – Manages css coming from different plugins. Here, the user can choose to not include some css that he feels are unnecessary.

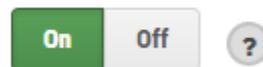
Manage Plugin Styles		
hairstyle-font	//fonts.googleapis.com/css?family=Lato%3A900%2C400%7CRoboto%3A400%2C700%7CRoboto+Condensed%3A400%2C700	✓
bootstrap	http://localhost/wpplugin/wp-content/themes/hairstyle/css/bootstrap.css	✓
hairstyle-basic-style	http://localhost/wpplugin/wp-content/themes/hairstyle/style.css	✗

5. The Image Tab

This page contains various options that govern the optimization of the images that you upload via admin page. The following explanation of these options:

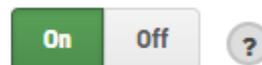
1. Lazy Load Images to Improve Speed -- Delays rendering the images until other contents of the page are loaded.

Lazy Load Images to Improve Speed



2. Enable Image Compression -- If this option is set to ON then all images that you upload via admin page will be automatically compressed.

Enabled Image Compression



3. Compression Level – Sets the level of image compression.

Compression Level

50% ▼



Advanced (Use Short Pixel API)

4. Advanced Compression Enabled -- If this option is set to ON, the image compression will be performed using the Short Pixel (shortpixel.com) API so that the compression process can be done better.

Enabled Advanced Compression

On

Off



NOTE: The image compression process using this method depends on Short Pixel API. So there is a possibility that the compression process will fail. If this happens, then only basic compression method based on the options Compression Level will be applied.

5. Lossy Compression -- If set to ON, the compression process is carried out to the fullest, but this might reduce image quality.

Lossy Compression

On

Off



6. Short Pixel API Key -- Sets the API Key of Short Pixel to perform image compression process.

Short Pixel API Key

NOTE: To get the API Key of Short Pixel, please navigate to the URL shown below.

<https://shortpixel.com/wp-apikey>

6. The Settings Tab

This page contains the various third-party intergration options.

- 1. GTMetrix API Key** -- Sets the API Key of GTMetrix to get your website performance data to be displayed on the Dashboard page.

GTMetrix API Key

NOTE: To get the API Key of GTMetrix please register using the URL provided below.

<https://gtmetrix.com/api/>

- 2. GTMetrix Email** -- Specifies the email address of the account GTMetrix.

GTMetrix Email