

# User Manual

<b>Introduction</b>	<b>2</b>
<b>Installation</b>	<b>3</b>
<b>Settings</b>	<b>4</b>
Basic Authorization	5
Optimize page on demand	5
Bulk Optimization	6
Exclude Selectors	7
Exclude Patterns	7
Exclude Recursive Patterns	7
Exclude Handles	7
<b>Handling special cases for licensing</b>	<b>8</b>
No credits left	8
Disabled API key	8
Page parsing and optimization errors	9
<b>Extending the functionality (for developers)</b>	<b>10</b>
Available filters	10
Custom Capability	11

# Introduction

In a nutshell, Speed Daemon by Crowd Favorite makes web pages load faster by reducing the amount of code needed.

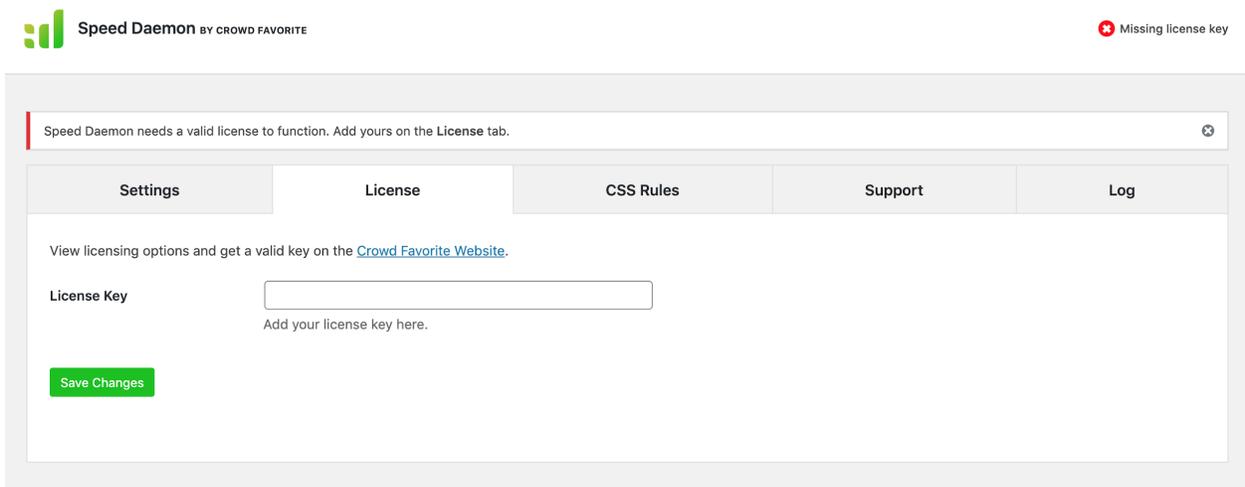
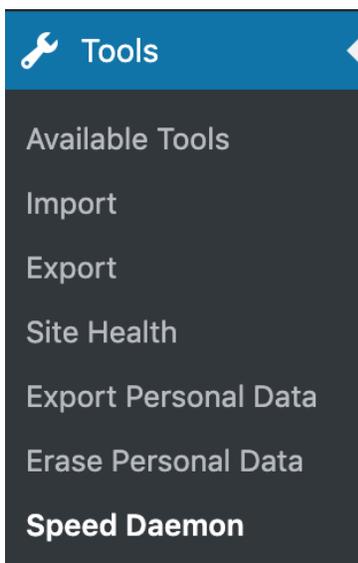
WordPress websites use Themes to determine how a site looks. Part of a theme is a style sheet, which is code that controls how things look - fonts, colors, backgrounds, margins, layout, etc. This code is called CSS. For any given page, the amount of CSS necessary to make the page look and behave properly is a fraction of the overall CSS used for the whole site. The site's CSS has to account for how a form looks, for example. But if there's not a form on a page, that CSS is just sitting there, taking up space. Speed Daemon looks at each page on a site and creates a custom CSS file for each page containing only what styles are needed. The effect is each page loads faster for your visitors. Faster pages equals happier visitors.

Information related to licensing plans can be found [here](#).

- Each plan has a predefined number of credits, which are renewed each month.
- Each page optimization will consume one credit from the plan.

# Installation

1. Go to [Crowd Favorite](#) and purchase a plan that fits your needs.
2. After purchase, you'll get an email with your license key as well as the plugin archive file.
3. Install the plugin as usual through the WordPress Dashboard it and activate it on your website.
4. Once the plugin has been activated, click on 'Tools > Speed Daemon' to enter your license key in the 'License' tab of the settings page.





# Basic Authorization

In case access to your WordPress site is password-protected using Basic HTTP Authorization, Speed Daemon requires those credentials be added into the Settings.

### Basic Authentication

If the website is password-protected using basic access authentication, it is required to provide an username and password.

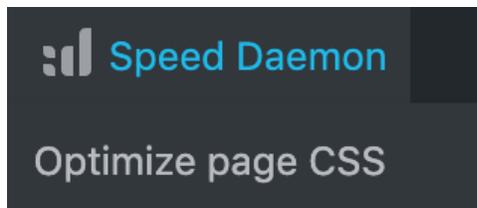
Is site access password-protected?

Username

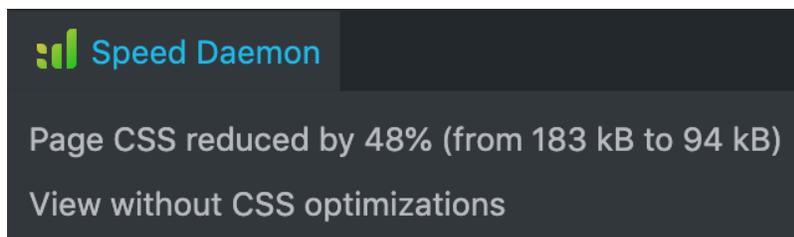
Password

## Optimize page on demand

Open a page while being logged in in your WordPress administrator account (for example: homepage) and click on "Optimize page CSS":



After a few moments, the page will refresh itself and you'll see how much the page has been optimized:



# Bulk Optimization

In the WordPress administrator panel, go to any post type page. A new column will appear showcasing your per-page optimized stats. Additionally, you may manually optimize any desired piece of content as well as selecting multiple posts to optimize, via the Bulk Actions dropdown, as seen below:

The screenshot displays the WordPress Posts management interface. At the top, a table header shows columns for Title, Author, Categories, Tags, Date, and a new 'Speed Daemon' column. Below the header, a row for 'Post 154' is shown with a '48% optimization (from 183 kB to 94 kB)' in the Speed Daemon column. A red box highlights this column. Below the table, a 'Bulk actions' dropdown menu is open, showing options: 'Bulk actions', 'Edit', 'Move to Trash', and 'Optimize CSS'. A red arrow points to 'Optimize CSS'. The main table below shows a list of posts (Post 154, 156, 159, 157, 155, 158) with checkboxes for selection. The 'Speed Daemon' column is visible for Post 154, showing '48% optimization (from 183 kB to 94 kB)'. The interface includes a search bar, filters, and pagination controls.

<input type="checkbox"/>	Title	Author	Categories	Tags		Date	Speed Daemon
<input type="checkbox"/>	Post 154		Uncategorized	—		Published 2020/11/02 at 10:51 am	48% optimization (from 183 kB to 94 kB)

<input checked="" type="checkbox"/>	Post 154	Author	Categories	Tags		Date	Speed Daemon
<input checked="" type="checkbox"/>	Post 154		Uncategorized	—		Published 2020/11/02 at 10:51 am	48% optimization (from 183 kB to 94 kB)
<input checked="" type="checkbox"/>	Post 156		Uncategorized	—		Published 2020/11/02 at 10:51 am	
<input checked="" type="checkbox"/>	Post 159		Uncategorized	—		Published 2020/11/02 at 10:51 am	
<input checked="" type="checkbox"/>	Post 157		Uncategorized	—		Published 2020/11/02 at 10:51 am	
<input checked="" type="checkbox"/>	Post 155		Uncategorized	—		Published 2020/11/02 at 10:51 am	
<input checked="" type="checkbox"/>	Post 158		Uncategorized	—		Published 2020/11/02 at 10:51 am	

## Exclude Selectors

The exclude selectors setting allows you to define CSS selectors that should be ignored when Speed Daemon optimizes your page CSS. For example the button rule will exclude `.button`, `#button` and the html element `button`. For finer control use Exclude List Patterns. Add one rule per line.

## Exclude Patterns

The exclude patterns setting allows you to exclude CSS selectors based on a regular expression. For example `^primary-` will exclude `.primary-color`, while `-primary$` will exclude `.button-primary`. Add one rule per line.

## Exclude Recursive Patterns

The exclude recursive patterns setting allows you to exclude CSS selectors based on a regular expression. Contrary to regular exclusion patterns, these will also exclude children of the selectors. Add one rule per line.

## Exclude Handles

The exclude handles setting allows you to exclude stylesheets from being optimized by Speed Daemon via their handle. Only one handle must be added per line.

# Handling special cases for licensing

Special cases can appear during usage, including:

- no credits left for the current license key
- license key was disabled
- page parsing and optimization errors

## No credits left

On the front side of the website, the top bar will show:

Optimize page CSS (last error: No credits left!)

and the WordPress admin will feature this notice:

Your Speed Daemon license has no credits left in your monthly subscription for optimizing new pages. Find more about your license and monthly credits at [CrowdFavorite Shop](#).

## Disabled API key

On the front side of the website, the top bar will not display any "Speed Daemon" button, however the WordPress admin will feature this notice:

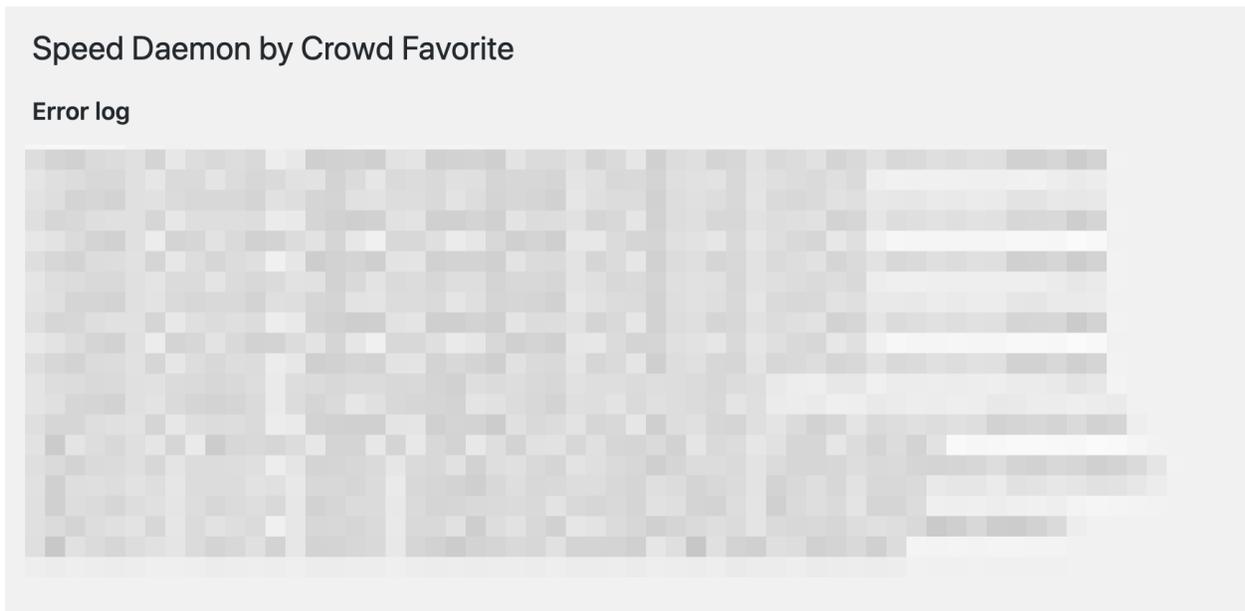
The current API Key is disabled. The Speed Daemon plugin needs to be activated using a valid API Key to use its features. Find out more at [License page](#) page

# Page parsing and optimization errors

In case of parsing and optimization errors, the Speed Daemon admin bar will display the error in a friendly way, like:

```
Optimize page CSS (last error: cURL error 6: Could not resolve: crowdfavorite.localhost (DNS query cancelled))
```

For detailed information, navigate to the WordPress administration panel, on the Speed Daemon > Log page:



# Extending the functionality (for developers)

## Available filters

`cf_speed_daemon_ignore` - accepts a post ID as parameter for the hooked function. This filter is used to explicitly set a post as (un)ignored, depending on what is returned by the function.

`cf_speed_daemon_ignore_handles` - used to overwrite the list of ignored style handles. Since Speed Daemon deregisters all the embedded stylesheets, this filter will allow granular control over what gets ignored and what not.

`cf_speed_daemon_filename` - used to overwrite the default filename for optimized stylesheets.

`cf_speed_daemon_stop_replace_styles` - used to overwrite when optimized stylesheets should not be displayed.

`cf_speed_daemon_exclude_list` - used to overwrite the list of excluded selectors.

`cf_speed_daemon_exclude_list_patterns` - used to overwrite the list of excluded selector patterns.

`cf_speed_daemon_exclude_list_patterns_children` - used to overwrite the list of excluded recursive selector patterns.

`cf_speed_daemon_default_permission` - used to overwrite the permission needed to use Speed Daemon. By default, this is `manage_options`.

# Custom Capability

By default, only administrators may use Speed Daemon on a given WordPress instance. You may extend this access to any specific user or user role by giving them the custom capability named `manage_speed_daemon`.