

ITALIAN WORDPRESS CONFERENCE 2012

16th June 2012
Turin - Italy



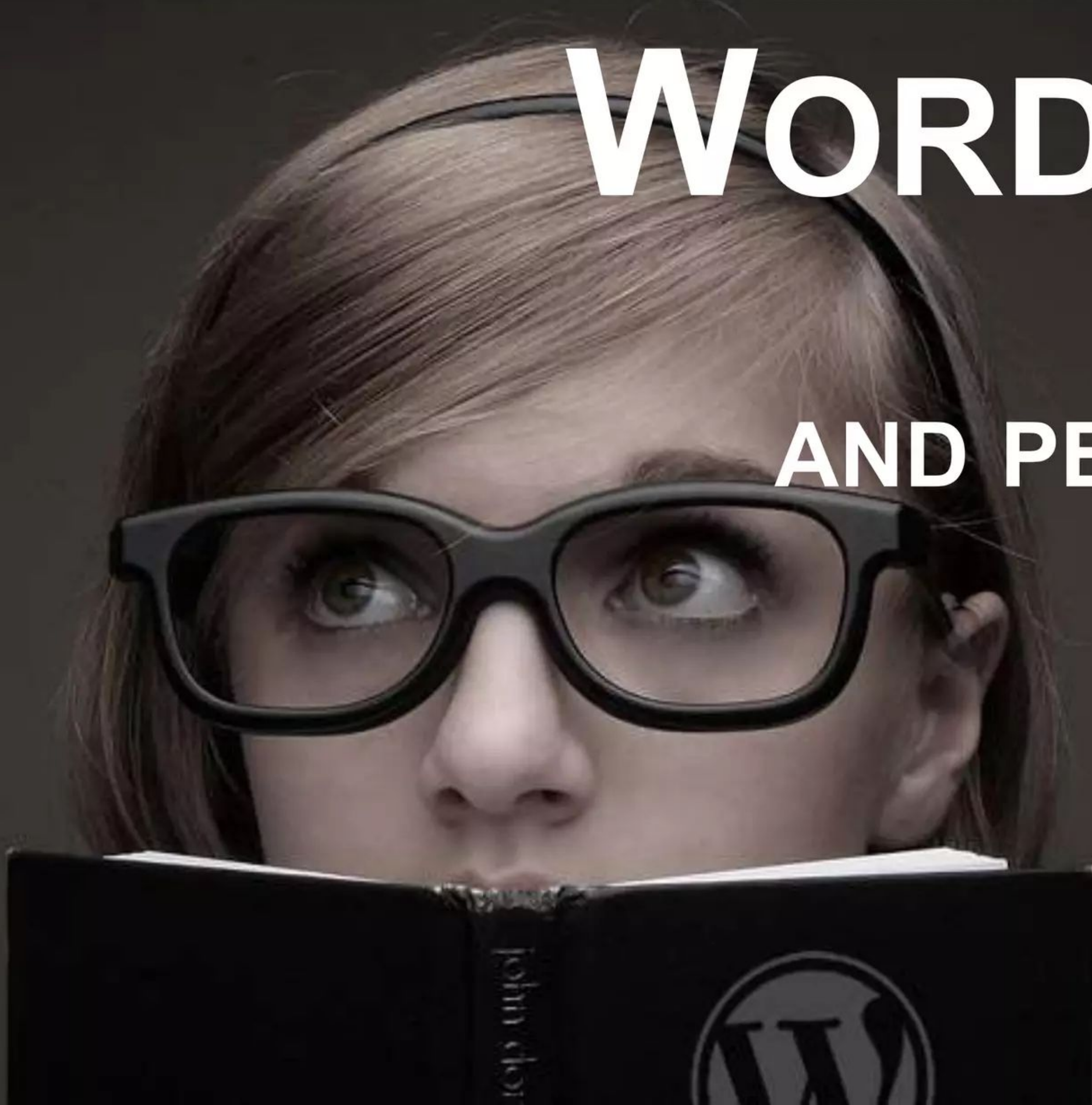
 @WPCON #WPCON2012

ITALIAN WORDPRESS CONFERENCE 2012

WORDPRESS

SECURITY

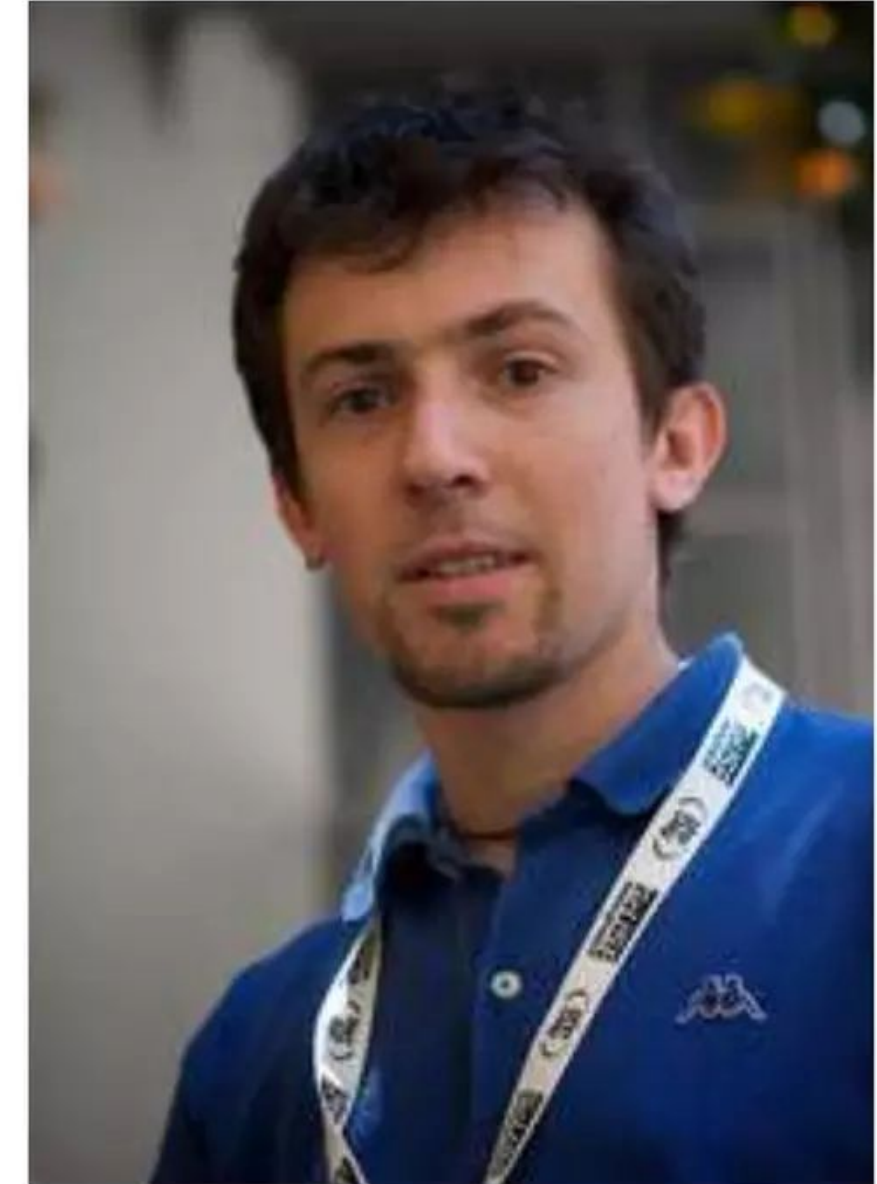
AND PERFORMANCE



 [@WPCON](#) [#WPCON2012](#)

About me

- 37 years old
- Born in Turin (Italy)
- Co-Founder mavida.com
- ***WordPress Lover***



- <http://maurizio.mavida.com>
- <http://www.linkedin.com/in/mauriziopelizzone>

SECURITY

Protect wp-login.php

```
<IfModule mod_rewrite.c>
RewriteEngine On
RewriteBase /
RewriteRule ^my-login wp-login.php?loginkey=HR5SKG&redirect_to=
    http://%{SERVER_NAME}/wp-admin/index.php [L]

RewriteCond %{HTTP_REFERER} !^http://%{SERVER_NAME}/wp-admin
RewriteCond %{HTTP_REFERER} !^http://%{SERVER_NAME}/wp-login\.php
RewriteCond %{HTTP_REFERER} !^http://%{SERVER_NAME}/my-login
RewriteCond %{QUERY_STRING} !^loginkey=HR5SKG
RewriteCond %{QUERY_STRING} !^action=logout
RewriteCond %{REQUEST_METHOD} !POST
RewriteRule ^wp-login\.php http://%{SERVER_NAME}/? [R,L]

RewriteCond %{QUERY_STRING} ^loggedout=true
RewriteRule . http://%{SERVER_NAME}/? [L]

</IfModule>
```

Deny .php execution

Order Allow,Deny

Deny from all

<Files ~ "\.(xls|doc|rtf|pdf|zip|rar|mp3|flv|swf|png|gif|jpg|js|css)\$">

Allow from all

</Files>

#

manage exception

#<Files filename.php>

Allow from all

#</Files>

CHANGE DIRECTORY STRUCTURE

Rename wp-content

```
define( 'WP_CONTENT_DIR', dirname( __FILE__ ) . '/asset' );  
define( 'WP_CONTENT_URL', 'http://' . $_SERVER['HTTP_HOST'] . '/asset' );
```

Change Upload Directory

Uploading Files

Store uploads in this folder

Default is `wp-content/uploads`

Full URL path to files

Configuring this is optional. By default, it should be blank.

☒ Organize my uploads into month- and year-based folders

Save Changes

Move WordPress Core

```
/*  
 * add to wp-config.php  
 */  
define( 'WP_SITEURL', 'http://' . $_SERVER['SERVER_NAME'] . '/wordpress-core/');  
define( 'WP_HOME', 'http://' . $_SERVER['SERVER_NAME']);
```

```
/*  
 * change in index.php  
 */  
define('WP_USE_THEMES', true);  
require('./wordpress-core/wp-blog-header.php');
```

 assets	Cartella di file
 custom-upload-directory	Cartella di file
 wordpress-core	Cartella di file
 .htaccess	File HTACCESS
 index.php	File PHP
 wp-config.php	File PHP

BLACKHOLE

You have fallen into a trap!

This site's [robots.txt](#) file explicitly forbids your presence at this location. The following Whois data will be reviewed carefully. If it is determined that you suck, you will be banned from this site. If you think this is a mistake, *now* is the time to [contact me](#).

Your IP Address is 93.50.19.249

```
WHOIS Lookup for 93.50.19.249  
Friday, June 15th 2012 @ 17:14:07
```

Your IP Address is 93.50.19.249

```
WHOIS Lookup for 93.50.19.249  
Friday, June 15th 2012 @ 17:14:07  
  
% This is the RIPE Database query service.  
% The objects are in RPSL format.  
%  
% The RIPE Database is subject to Terms and Conditions.  
% See http://www.ripe.net/db/support/db-terms-conditions.pdf
```

RULES FOR BLACKHOLE

RewriteEngine On

RewriteBase /

RewriteRule ^(admin|wp-admin|wp-content)\$ blackhole/ [L]

RewriteRule ^(phpinfo|phpmyadmin)\$ blackhole/ [L]

BLACKHOLE PLUGIN

```
<?php
/*
Plugin Name: blackhole
Plugin URI: http://maurizio.mavida.com/
Description: blackhole
License: GPL
Version: 0.1
Author: Maurizio Pelizzone
Author URI: http://maurizio.mavida.com

*/

if (!is_admin()){
    include($_SERVER['DOCUMENT_ROOT'] . "/blackhole/blackhole.php");
}
```

FILE MONITOR

Plugin Directory

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WordPress File Monitor

Monitor files under your WordPress installation for changes. When a change occurs, be notified via email.

[Download Version 2.3.3](#)[Description](#)[Installation](#)[Changelog](#)[Stats](#)[Support](#)[Developers](#)

Monitors your WordPress installation for added/deleted/changed files. When a change is detected an email alert can be sent to a specified address.

Features

- Monitors file system for added/deleted/changed files
- Sends email when a change is detected
- Multiple email formats for alerts
- Administration area alert to notify you of changes in case email is not received
- Ability to monitor files for changes based on file hash or timestamp
- Ability to exclude directories from scan (for instance if you use a cacheing system that stores its files within the monitored zone)
- Site URL included in notification email in case plugin is in use on multiple sites

Sorry for the delayed release for working with WordPress 3.0. *NOTE* I haven't tested the latest version with multi-site yet, only single site.

Tags: [files](#), [monitor](#), [plugin](#), [security](#)

Requires: 3.0 or higher

Compatible up to: 3.0.5

Last Updated: 2010-6-23

Downloads: 29,953

Average Rating

★★★★☆
(32 ratings)

Author[mattwalters](#)

3 plugins

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Got something to say? Need help?

[View support forum](#)*Compatibility*

WordPress

AVOID FTP



PERFORMANCE

CACHE

(storing cached data in the database)

TRANSIENT API

http://codex.wordpress.org/Transients_API

```
$posts = get_transient( $transient_name );
```

```
if (!$posts) {  
    wp_reset_query();  
    $the_query = new WP_Query();  
    $the_query->query( $args );  
  
    $posts = $the_query->posts;  
    set_transient( $transient_name , $posts , $transient_expiration );  
}
```

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APC Object Cache Backend

APC Object Cache provides a persistent memory-based backend for the WordPress object cache. APC must be available on your PHP install.

[Download Version 2.0.3](#)[Description](#)[Installation](#)[FAQ](#)[Changelog](#)[Stats](#)[Support](#)[Developers](#)

APC Object Cache provides a persistent memory-based backend for the WordPress object cache. APC must be available on your PHP install.

An object cache is a place for WordPress and WordPress extensions to store the results of complex operations. On subsequent loads, this data can be fetched from the cache, which will be much faster than dynamically generating it on every page load.

The APC Object Cache backend is also compatible with [Battcache](#), the powerful full page caching engine that runs on WordPress.com

Be sure to read the installation instructions, as this is **not** a traditional plugin, and needs to be installed in a specific location.

Tags: [apc](#), [backend](#), [battcache](#), [cache](#), [object cache](#), [performance](#), [speed](#)

Requires: 3.3 or higher

Compatible up to: 3.4

Last Updated: 2012-4-25

Downloads: 5,450

Average Rating

★★★★★
(13 ratings)

Author

[markjaquith](#)

33 plugins

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Support

1 of 3 support threads in the last five weeks have been resolved.

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PLUGINS

(less is better)

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P3 (Plugin Performance Profiler)

See which plugins are slowing down your site. This plugin creates a performance report for your site.

[Download Version 1.3.1](#)[Description](#) [Installation](#) [FAQ](#) [Screenshots](#) [Changelog](#) [Stats](#) [Support](#) [Developers](#)

This plugin creates a profile of your WordPress site's plugins' performance by measuring their impact on your site's load time. Often times, WordPress sites load slowly because of poorly configured plugins or because there are so many of them. By using the P3 plugin, you can narrow down anything causing slowness on your site.

This plugin uses the canvas element for drawing charts and requires requires Firefox, Chrome, Opera, Safari, or IE9 or later. This plugin will not work in IE8 or lower.

Tags: [debug](#), [debugging](#), [developer](#), [development](#), [performance](#), [plugin](#), [profiler](#), [speed](#)

Requires: 3.3 or higher
Compatible up to: 3.4
Last Updated: 2012-6-2
Downloads: 37,221

Average Rating

★★★★★
(87 ratings)

Authors

Godaddy
2 plugins

js/css MINIFICATION

Plugin Directory

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JS & CSS Script Optimizer

This plugin will help you make your Website more quick. It can grouping and packing Java Scripts and CSS. Also it makes fewer HTTP requests.

[Download Version 0.2.2](#)[Description](#)[Installation](#)[Screenshots](#)[Changelog](#)[Stats](#)[Support](#)[Developers](#)

Features

- Combine several scripts into the single file (to minimize http requests)
- Pack scripts using Dean Edwards's JavaScript Packer
- You can move all JavaScripts to the bottom
- Combine all CSS scripts into the single files (with grouping by "media")
- Pack CSS files (remove comments, tabs, spaces, newlines)
- Ability to include JavaScript and CSS files (new)
- If any script fails and shows error you can add it to exclude list

Recommendations

- This Plugin processes only those scripts that are included properly (using "wp_enqueue_script" or "wp_enqueue_style" function)
- Uploads directory should be writable
- Read [How to properly add CSS in WordPress](#)

For more info visit <http://4coder.info/en/wordpress-js-css-optimizer/>.

Tags: [combine](#), [compress](#), [CSS](#), [javascript](#), [JS](#), [Optimization](#), [pack](#), [performance](#), [script](#)

Requires: 2.8 or higher**Compatible up to:** 3.2.1**Last Updated:** 2011-7-18**Downloads:** 13,390

Average Rating

★★★★☆
(25 ratings)

Author

[evgenniy](#)

1 plugin

[Donate to this plugin »](#)

Support

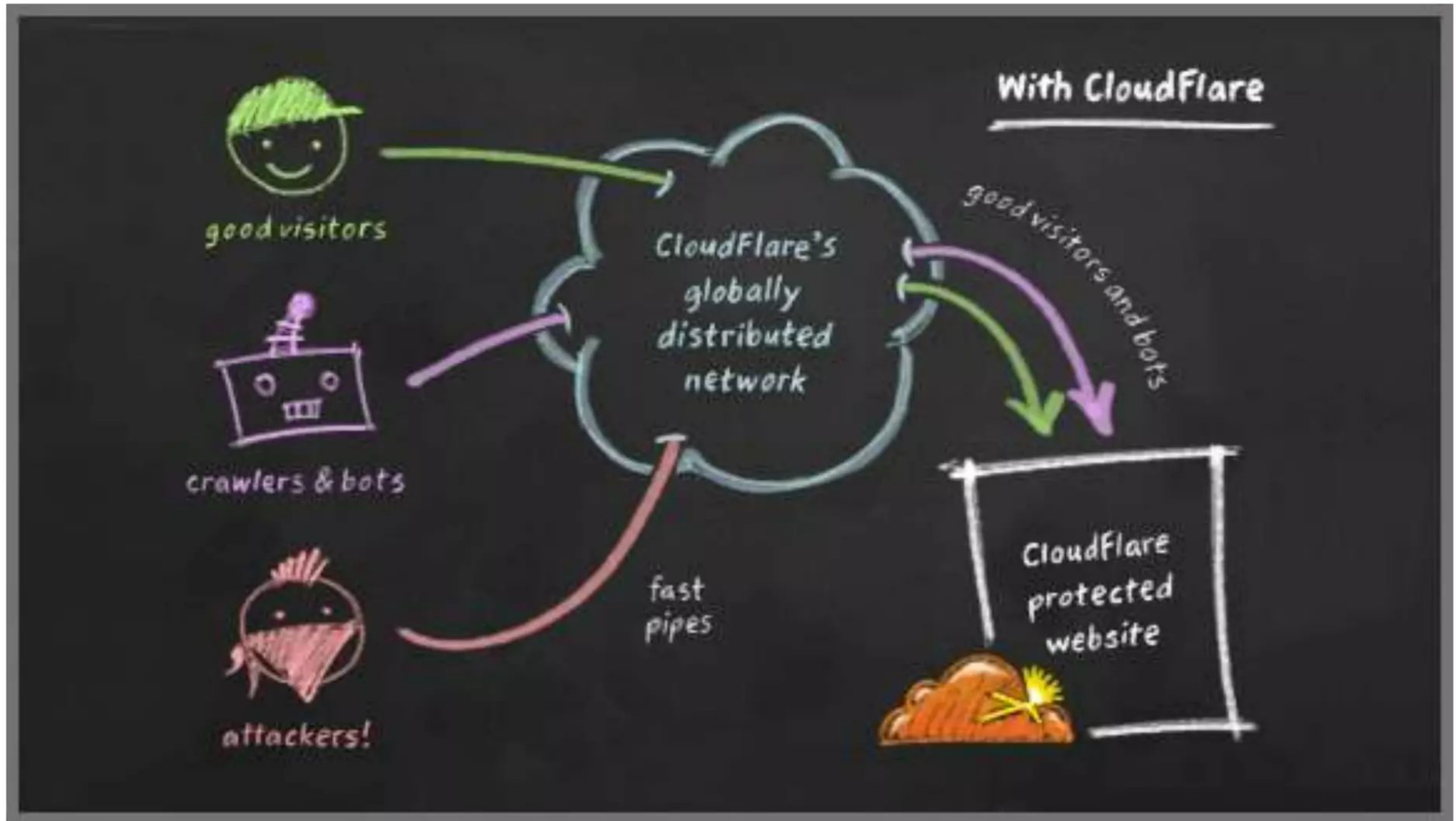
0 of 1 support threads in the last five weeks have been resolved.

Got something to say? Need help?

[View support forum](#)

CLOUDFLARE CDN

(as Reverse Proxy)



SERVER TUNING

VARNISH

deflate

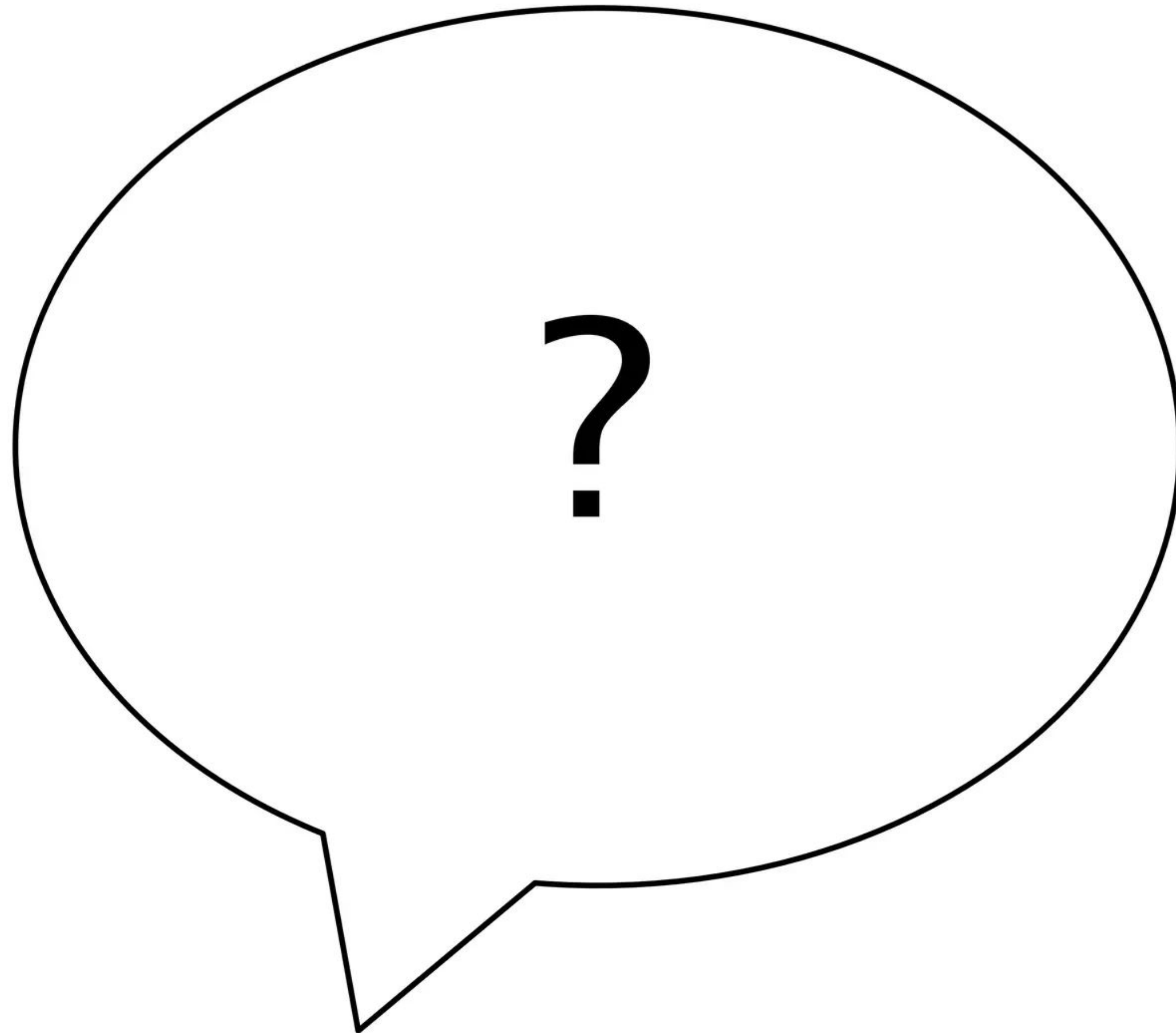
memcached

expire

APC

NGINX

MySqlTuner



Thank you



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