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My website takes a lot of time to load. What should I do? - 2021-08-19 - Resource Usage/Perfomance

You might notice that your website takes a lot of time to load. If there is no problem with your hosting (**server**), then you will have to make sure that your website is properly set, in order to use the server resources at best, so that there is no extra information on your base, no unnecessary plugins activated and all **addons (plugins / themes)** should be updated to the latest version.

Let's see some things about two of the most popular CMS: WordPress and Joomla.

### <u>Plugins</u>

Make sure that the plugins that you use can be optimized, that questions are not being repeated in the database and that they are updated to the latest version.

### **Themes**

### Images:

- Delete the images that you no longer need.
- Make sure that they have the appropriate format (JPG/PNG/GIF).

If you are using WordPress, you can find a useful tool for images here.



If you are using Joomla, you can find a useful tool for images here.



- Combine and reduce the **CSS files** in a streamlined file.

- Reduce your Java files.

If you are using WordPress, you can find a useful tool here.



## If you are using Joomla, you can find a useful tool here.



In general, you should use plugins that will help with the performance of the cache memory but you must also regularly update them to the latest version.

If you use WordPress, click here.

WORDPRESS.ORG					Search WordPress.org		
Showcase Themes F	Plugins Mobile S	Support Get Involved	About Blog	Hosting	Download WordPress		
Plugin Direct	ory	User	name	* Password	<b>K</b> Log in (forgot?) or Regist		
Search Results Fe	atured Popular	Favorites Beta Testinį	g Develope	Keyword	performance		
Showing 1-30 of 1,000+ pl	lugins				1 2 34 Ne		
	1 State	performance: Faster e fly) dynamic image support for images.			P3 (Plugin Performance Profiler) See which plugins are slowing down your site. This plugin creates a performance report for your site. By: GoDaddy, GoDaddy.com, Kurt Payne, and asink.		
★★★★☆ (9) 1.000+ active installs	La	st Updated: 6 months ago Compatible up to: 4.2.5		🚖 🚖 🏠 (216)	Last Updated: 6 months ago		

# If you are using Joomla, click here.

Select some tags	× - Core Enhancements			
Type (c/p/m)	Free/paid	Order by		
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A	Modules Anywhere	<b>V</b>		
eXtplorer	Modules Anywhere	JCH Optimiz		
eXtplorer Extplorer Free   File Management   Sören Eberhardt-	Modules Anywhere Modules Anywhere Free   Coding & Scripts Integration   NoNumber	JCH Optimize Free   Performance   Samuel Marshall		

Finally, some websites can calculate your page loading speed and advise you about what you could do to optimize it using reports and graphs.

<u>GTmetrix</u> is one of them. You simply enter your domain name and click on Analyze, to get the optimization reports.

▼ Inline small CSS	B (84)	•	CSS	HIGH
<ul> <li>Optimize the order of styles and scripts</li> </ul>	B (85)	♥	CSS/JS	HIGH
▼ Inline small JavaScript	B (88)	•	JS	HIGH
▼ Defer parsing of JavaScript	B (89)	^	JS	HIGH
<ul> <li>Minify CSS</li> </ul>	A (94)	<b>♦</b>	CSS	HIGH
<ul> <li>Specify image dimensions</li> </ul>	A (95)	^	IMAGES	HIGH
<ul> <li>Specify a cache validator</li> </ul>	A (96)	<b>♦</b>	SERVER	HIGH
▼ Minify JavaScript	A (99)	^	JS	HIGH
<ul> <li>Minify HTML</li> </ul>	A (98)	<b>•</b>	CONTENT	LOW
<ul> <li>Avoid bad requests</li> </ul>	A (100)	<b>•</b>	CONTENT	HIGH
<ul> <li>Avoid a character set in the meta tag</li> </ul>	A (100)	•	CONTENT	HIGH
<ul> <li>Avoid landing page redirects</li> </ul>	A (100)	•	SERVER	HIGH
Enable gzip compression	A (100)	~	SERVER	HIGH

Google's <u>PageSpeed</u> is another one. Simply select **Run Insights**, enter your website and click on **Analyze**.

