ACTIVITAT FORMATIVA

MP: SMX-8 - Aplicacions web

**UF3:** Gestors de continguts

Wordpress :: Plugins

SMX-8-UF3-A3.1 - Programació

# Introduction

**WordPress powers 43% of all the websites on the Internet**, including those without a <u>content management system</u> (CMS) or with a custom-coded CMS. Or to put it another way, WordPress powers over one-third of the web! And if you limit the data set to only websites with a known CMS, WordPress' market share gets even more dominant.

In that case, WordPress holds a 65% market share for content management systems on websites with a known CMS. How does that compare to the market share of other popular content management systems? Let's take a peek:

	% All Websites	% CMS Market
WordPress	43	65
Joomla	2.6	4.6
Drupal	1,7	2.0
Squarespace	1.5	2.7
Wix	1.3	2.3

While much has been made of hosted website builder tools like <u>Squarespace</u> and <u>Wix</u>, the numbers show that WordPress isn't in any danger of being dethroned any time soon! And WordPress also holds a dominant position over <u>Joomla</u> and <u>Drupal</u>, two other popular self-hosted content management systems.

#### Is WordPress' market share still growing?

Yes! WordPress' market share isn't just "still growing", it's actually been consistently growing at roughly the same rate for as long as we have data. So how quickly is WordPress growing?

Here's WordPress' overall market share going all the way back to 2011, <u>according to W3Techs</u>:

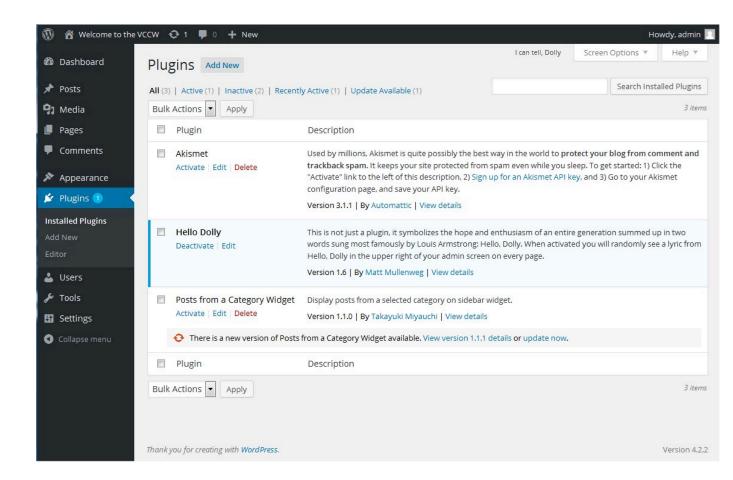
2011	2012	2013	2014	2015	2016	2017	2018	2019
13.1%	15.8%	17.4%	21.0%	23.3%	25.6%	27.3%	32.0%	43%

# **Plugins**

Plugins are ways to extend and add to the functionality that already exists in WordPress.

The core of WordPress is designed to be lean and lightweight, to maximize flexibility and minimize code bloat. Plugins offer custom functions and features so that each user can tailor their site to their specific needs.

Plugins are also known as add-ons or extensions. They are software scripts that add functions and events to your website. They cover the gamut from up-to-date weather reports to simple organization of your posts and categories. Plugins are designed by volunteer contributors and enthusiasts who like challenges and problem solving. They are usually fairly simple to install through the WordPress Admin Plugin Screen, just follow the instructions provided by the plugin author. Remember, these are free and non-essential. If you have any problems with plugins, contact the plugin author's website or plugin source first, then search the Internet for help with that specific plugin, and if you haven't found a solution, then visit the WordPress forums for more help.



Admin Plugin Screen

## **Default Plugins**

The following two plugins are included with WordPress core:

- Akismet checks your comments against the Akismet web service to see if they look like spam or not. You can review the spam it catches under "Manage" and it automatically deletes old spam after 15 days.
- 2. **Hello Dolly** This is not just a plugin, it symbolizes the hope and enthusiasm of an entire generation summed up in two words sung most famously by Louis Armstrong: Hello, Dolly. This is, by the way, the world's first official WordPress Plugin. When enabled you will randomly see a lyric from "Hello, Dolly" in the upper right of your Administration Screens on every page.

#### Plugin Repositories

WordPress Plugins are available from several sources. The most popular and official source for WordPress Plugins is the WordPress.org repo.

Official WordPress Plugins Repository

Although plugins you find here are thoroughly tested and considered safe to use, they are of varying quality and are often works in progress.

Just to note, not all WordPress Plugins make it into the above repository. Search the web for "WordPress Plugin" and the keywords for the type of functionality you are seeking. There is bound to be a solution out there for you.

# **Manage Plugins**

The WordPress content management system software, or WordPress core, provides the primary functionality for publishing content and managing users. Each WordPress plugin is an additional piece of software that can be easily installed to extend the functionality of WordPress core.

This allows you to customize your WordPress site with your desired functionality. Since so much functionality is provided through plugins, WordPress core is full-featured and customizable, without having to include everything for everyone.

Some of the more popular plugins in the <u>WordPress Plugin Directory</u> fall into these categories:

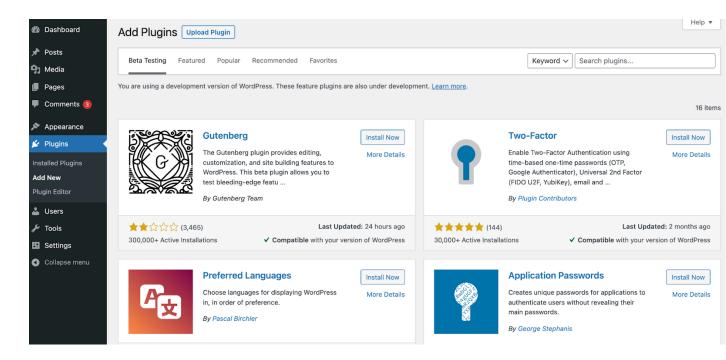
- Spam control
- SEO
- Data import and export
- E-commerce
- Security
- Caching

This is just a small sample. There are thousands of plugins available in the directory, so there's a good chance you'll find some that are useful to you.

# **Finding Plugins**

You can browse and search for plugins in the <u>WordPress Plugin Directory</u>. Each plugin listed there is available for download as a zip file you can upload to your WordPress site.

An alternative way to find and install plugins is from within the WordPress admin screens. Navigate to **Plugins > Add New**, and you can browse and search for plugins from within your dashboard.



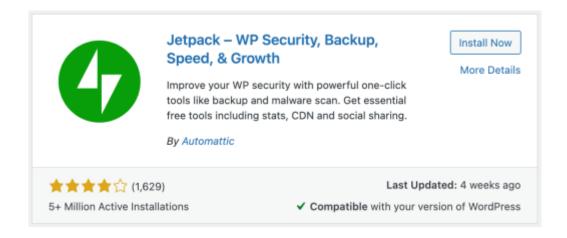
Each plugin listed there has an "Install Now" button so you can easily add it to your site.

#### Plugin Compatibility

If a plugin hasn't been updated since the most recent update to WordPress core, it may be incompatible, or its compatibility may be unknown. You can view compatibility information about plugins from the Add Plugins page, or from the Installed Plugins list.

#### **Compatibility of New Plugins**

To learn about the compatibility of a plugin before you install it, navigate to **Plugins > Add New.** Each plugin description on this page includes a note that reads "Compatible with your version of WordPress" or "Untested with your version of WordPress." You can click the "More Details" link to see information about this plugin's compatibility.



#### **Compatibility of Installed Plugins**

To learn about the compatibility of plugins you've already installed, click the "Plugins" link in the left nav of your site's dashboard. Each item on this list should contain a "View details" link. Click this to see information about this plugin's compatibility with different versions of WordPress.

Warning: This plugin has not been tested with your current version of WordPress.

Requires WordPress Version: 3.6 or higher

Compatible up to: 4.7.5

#### **Installing Plugins**

There are 3 ways to install WordPress plugins.

**Automatic Plugin Installation.** Any plugin available in the WordPress Plugins Directory can be installed via the built-in plugin installer.

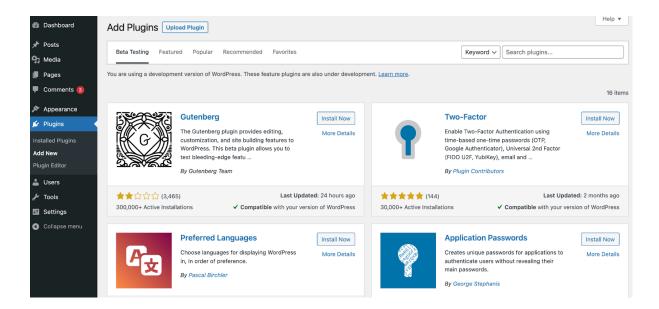
**Upload via WordPress Admin.** You can easily add a new plugin by uploading a zip archive of the plugin from your local computer.

**Manual Plugin Installation.** In some cases, you may need to manually upload a plugin directly using an SFTP client.

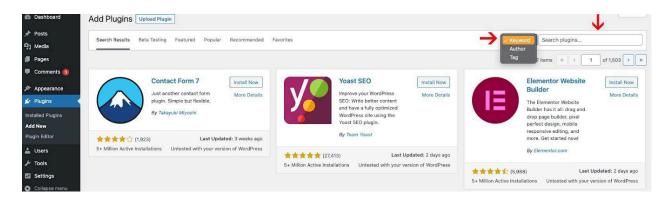
# **Automatic Plugin Installation**

This is the simplest method of installing a plugin. To add a plugin using the built-in plugin installer:

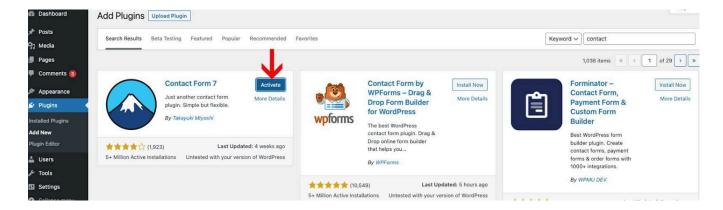
1. Navigate to Plugins > Add New.



2. Use the search form in the top-right to search by keyword, author, or tag.



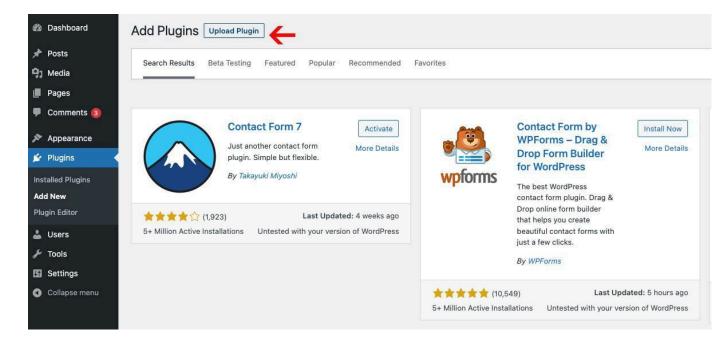
- On the search results that appear, click a plugin's title or the link 'More Details' to read more about it, including installation notes, plugin documentation, or other useful information.
- 4. Click the **Install Now** button to install the plugin.
- 5. Once the plugin installation is complete, click **Activate** to activate the plugin.



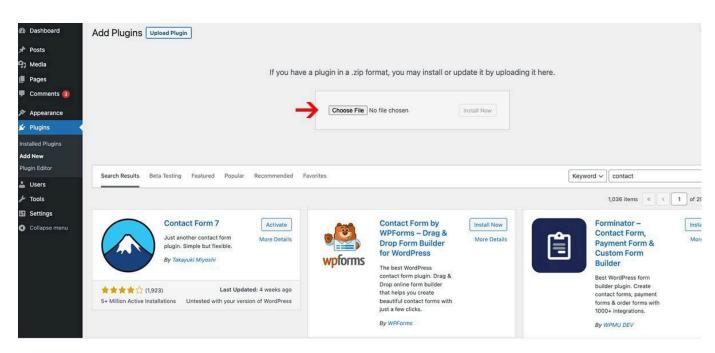
#### Upload via WordPress Admin

If you have a copy of the plugin as a zip file, you can manually upload it and install it through the Plugins admin screen.

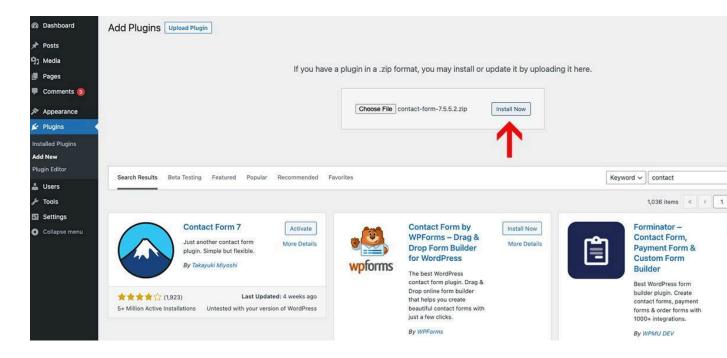
- 1. Navigate to **Plugins > Add New**.
- 2. Click the Upload Plugin button at the top of the screen.



3. Select the zip file from your local filesystem.



4. Click the **Install Now** button.



5. When the installation is complete, you'll see "Plugin installed successfully." Click the **Activate Plugin** button.



#### **Manual Plugin Installation**

In rare cases, you may need to install a plugin by manually transferring the files onto the server. This is recommended only when absolutely necessary, for example when your server is not configured to allow automatic installations.

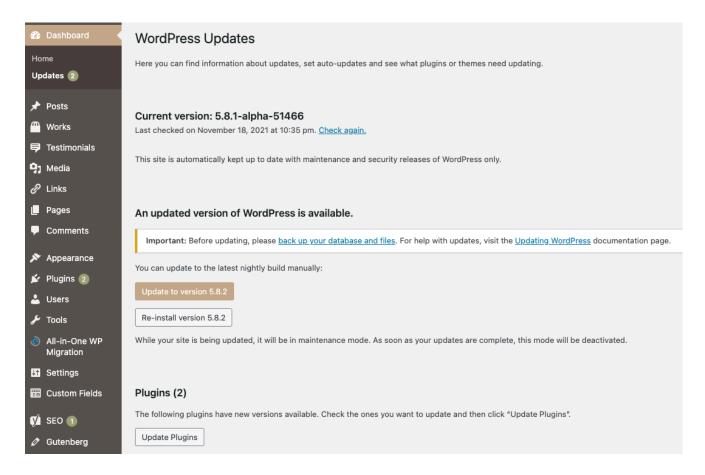
This procedure requires you to be familiar with the process of transferring files using an SFTP client. It is recommended for advanced users and developers.

#### **Updating Plugins**

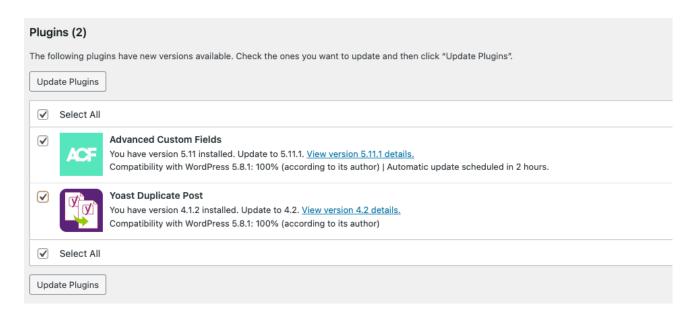
Plugin developers update their plugins occasionally by adding new features, improving code quality, and keeping them secure. To ensure that these changes are applied on your site immediately, you should keep your WordPress plugins up to date. This helps to improve your site's WordPress security and performance.

#### Manual Plugin Update From The Dashboard

Your WordPress Dashboard automatically notifies you when a plugin needs to be updated — you can view this notification under the **Dashboard->Updates** tab.



1. Scroll down to the Plugins section.



2. Select the checkbox for the plugins you want to update and then click 'Update Plugins' button.

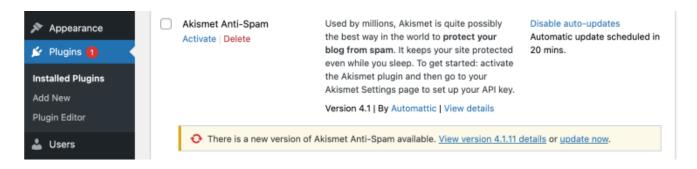
**NOTE:** Always make sure you have a current backup of your site before updating your plugins. Sometimes problems can happen during the update process.

#### Manual Plugin Update From The Plugins Page

You can find the plugins that need to be updated on your site's Plugins page.

To find any plugins installed on your site that need to be updated:

- 1. Click the "Plugins" link in the left nav of your site's dashboard.
- 2. Look down the list of installed plugins for any that include a line reading "There is a new version..."
- 3. Click the "View version..." link in that note to view details about the plugin's update.
- 4. Click the "update now" link to update the plugin.

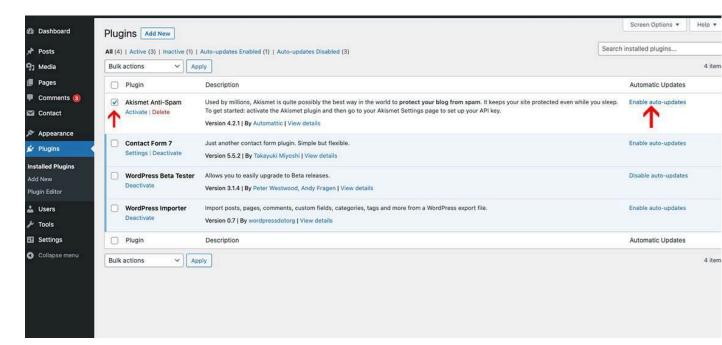


**NOTE:** Always make sure you have a current backup of your site before updating your plugins. Sometimes problems can happen during the update process.

#### **Enable Automatic Plugin Update**

WordPress introduced automatic updates for WordPress plugins in WordPress 5.5. This allows you to enable automatic updates for individual WordPress plugins directly from the Plugins Page in the WordPress dashboard.

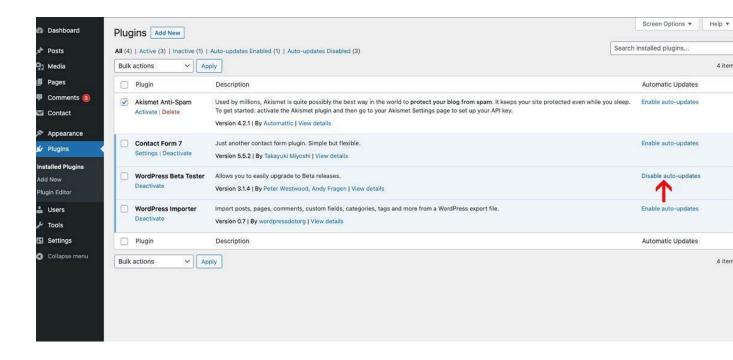
- 1. Go to **Plugins -> Installed Plugins** page inside WordPres Admin area. Here you'll see the list of all your installed plugins. Each plugin in the list has a link 'Enable auto-updates' in the right-most column (under Automatic Updates).
- 2. Select the checkbox for the plugins you want to enable auto-update and click the link 'Enable auto-updates' for the selected plugin. This will enable automatic updates for the selected plugin.



#### **Disable Automatic Plugin Update**

To stop your plugins from updating automatically, do the following:

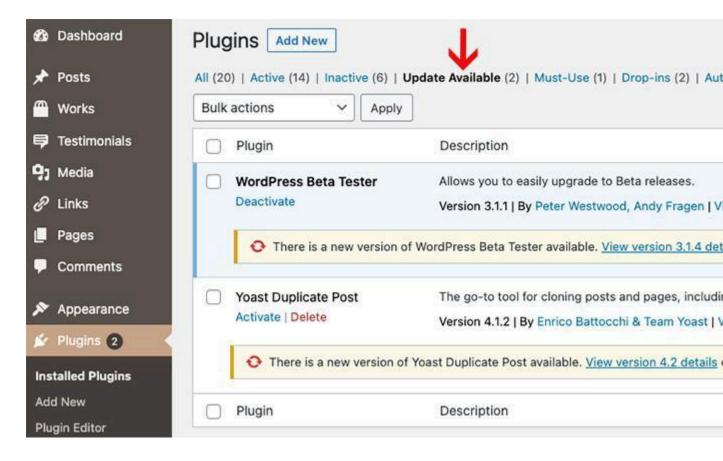
- 1. Go to **Plugins -> Installed Plugins** page inside WordPres Admin area. Here you'll see the list of all your installed plugins.
- 2. Each plugin in the list that has auto-update enabled will have a link 'Disable auto-updates' in the right-most column (under Automatic Updates).
- Select the checkbox for the plugin you want to disable auto-update and click the link
  Disable auto-updates' for the selected plugin. This will disable automatic updates for
  the selected plugin.



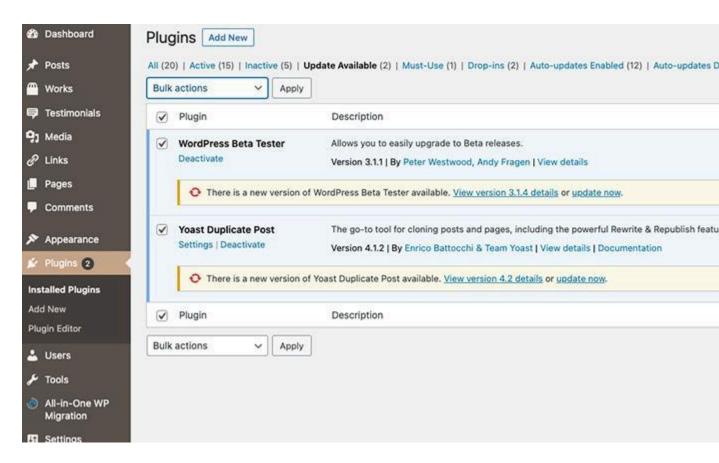
#### **Bulk Update WordPress Plugins**

If you have several plugins on your website that need an update, then you can bulk update those plugins. It is always recommended to do a quick review of all the plugins before updating.

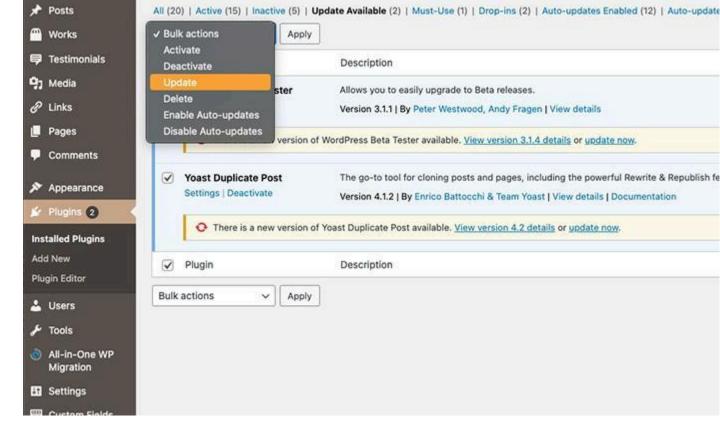
1. Go to the Plugins page and click on the 'Update Available' link. This will show you the list of all plugins that have updates available.



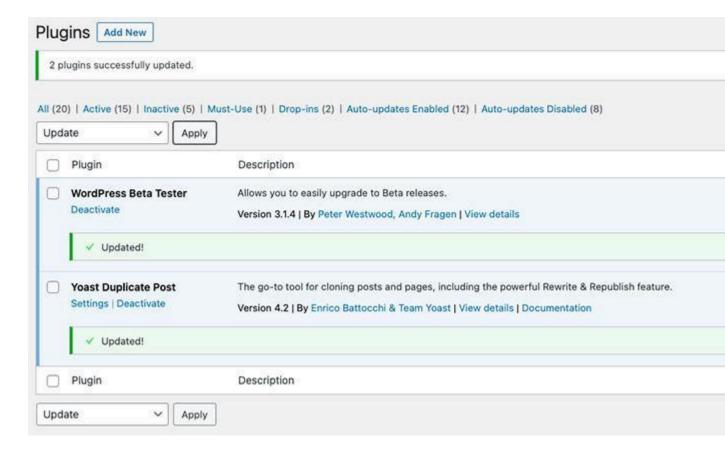
Click the checkbox to select all the plugins you want to update.



3. From the 'Bulk Actions' drop down, select 'Update' and click 'Apply'.



If all goes well with the updates, you will see a message saying that the updates were completed successfully.



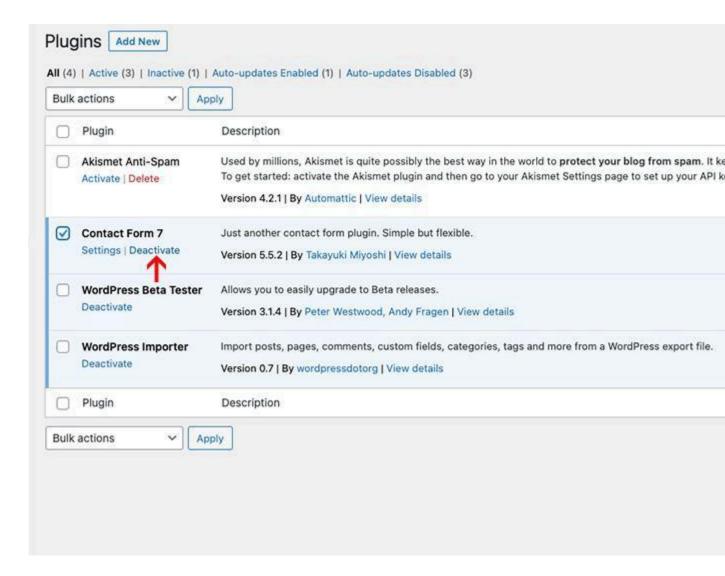
# **Uninstalling Plugins**

Plugins have a safe and easy-to-use uninstaller. If that is not available, you can also manually uninstall the plugins.

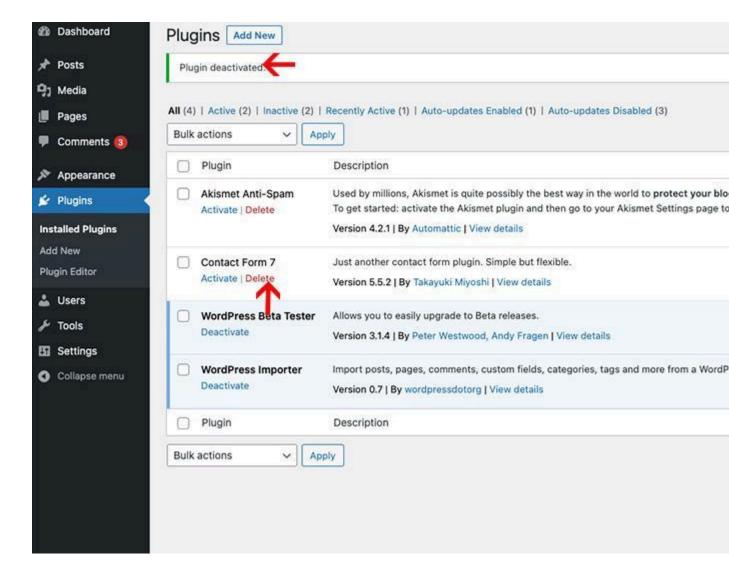
#### **Automatic Uninstallation**

The safe and easy way to uninstall a plugin is via the WordPress admin screen.

- 1. Navigate to your **Plugins** admin screen and locate the plugin to be uninstalled.
- 2. Select the checkbox next to the plugin name and click the "Deactivate" link.



3. Once the plugin is successfully deactivated, click the plugin's "Delete" link.



# **Troubleshooting**

Occasionally, a WordPress Plugin may not work as expected. This section provides helpful resources and steps you can take for troubleshooting plugin issues.

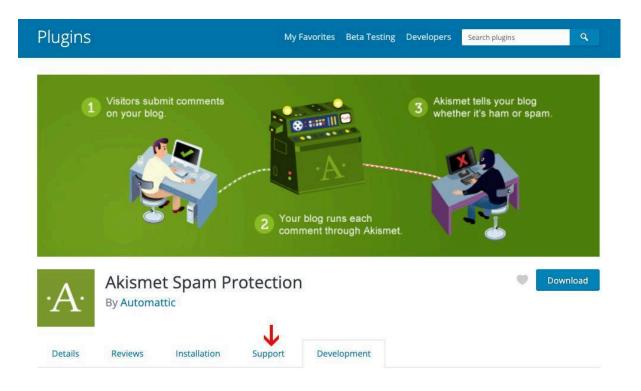
#### **Resources To Help Diagnose The Issue**

Review the plugin's documentation to confirm that you've followed the instructions.
 You can find this information in the Plugins page under the name of each Plugin >
 View details.

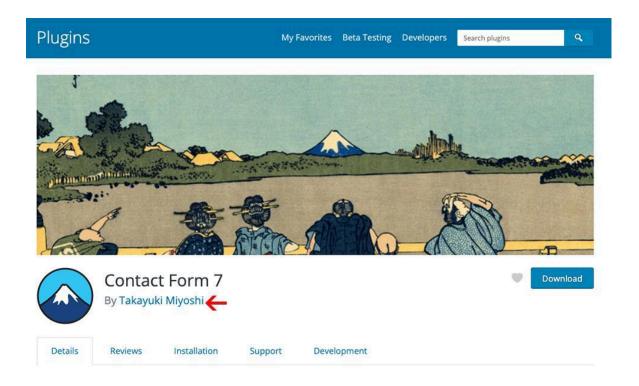


NOTE: If you have access to the plugin files, you can also find this information in the Plugin's folder inside readme.txt.

- Search the <u>WordPress Support Forums</u> for the name of the Plugin and keywords associated with the problem you are experiencing or the specific error message that is displayed.
- Search the <u>WordPress Plugins Directory</u> for the name of the Plugin. On the Plugins page, select the Support tab to read about issues reported in the Support Forums for that plugin.



 Go to the website of the plugin author and check their blog and Plugin page for known issues or advice.

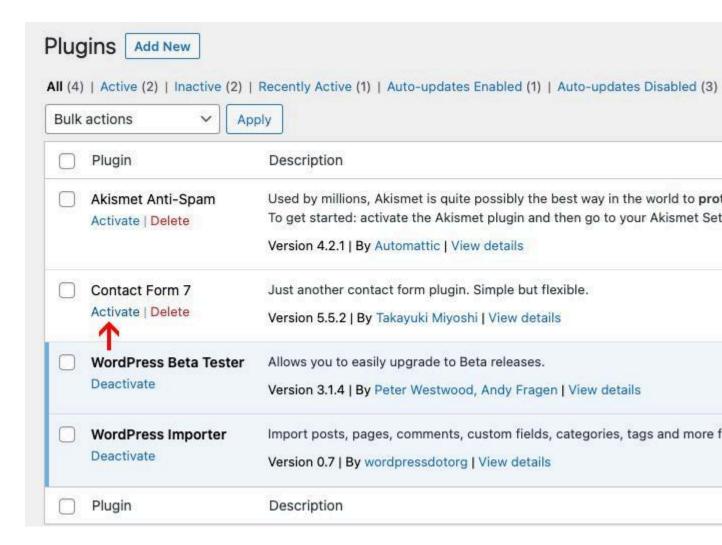


- Search the web with the name of the Plugin and keywords associated with the problem you are experiencing or the specific error message that is displayed.
- Post a question in the <u>WordPress Support Forums</u> with the name of the Plugin and keywords associated with the problem you are experiencing or the specific error message that is displayed. Make sure to include the problem in the title of the question. For advice on how to improve your chances of getting help, see <u>Finding WordPress Help</u>.

#### **Possible Resolutions**

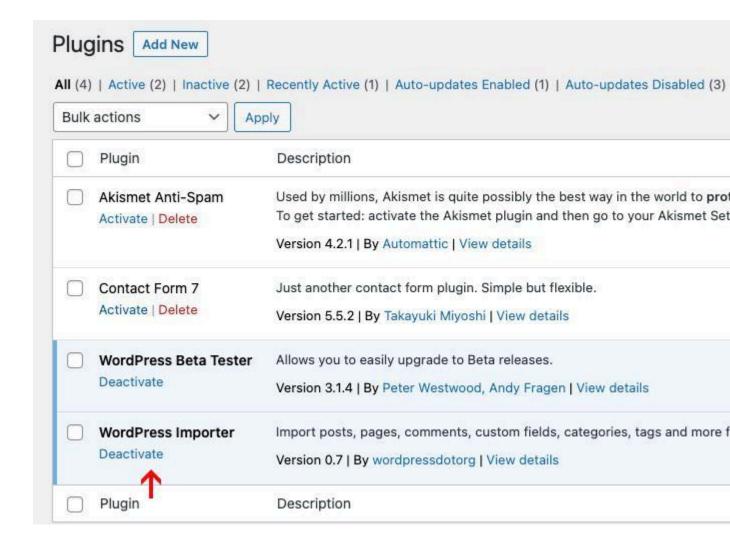
Make sure that the plugin is activated after it is installed.

- 1. Go to the **Plugins > Installed Plugins** from the WordPress admin screen.
- 2. Find the Plugin and click 'Activate'.



#### If you know which plugin is causing the issue:

1. Deactivate that plugin and activate it again to see if this helps.



2. In some cases, the plugin may be buggy or incompatible. Deactivate the plugin. Search for other similar plugins, install and activate it and see it this revolves the issue.

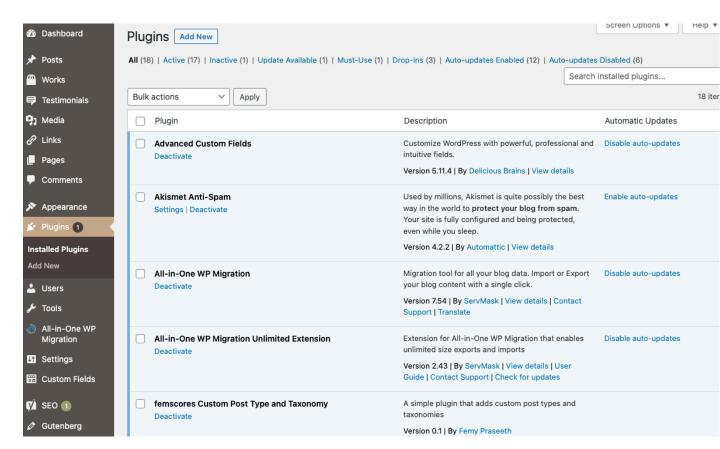
#### If you don't know which plugin is causing the issue:

Sometimes problems may be caused by a conflict with different WordPress plugins. There are a few different ways you can tell which plugin is causing the issue.

- You installed a single plugin and experienced issues with your site soon after that.
- You updated a single plugin and experienced issues with your site soon after that.
- There's an error message telling you exactly which plugin file is causing the issue.
- Try deactivating plugins one at a time until you find the one that's causing the issue.
- Once you find the plugin that is causing the issue, you can either deactivate and activate it again to see if this helps. Or you can find other similar plugins from the WordPress Plugins Directory, install and activate it and see if this resolves the issue.

# **Plugin Management**

Plugins are managed from the Plugins admin screen of your WordPress site.



Here you will find a list of all installed plugins, whether they are active or inactive. From this screen, you can activate, deactivate and delete plugins.

Plugins listed in bold are currently active.

Each plugin on the list also contains links to further information about the plugin.

#### Must-Use Plugins

Must-use plugins (a.k.a. mu-plugins) are plugins installed in a special directory inside the content folder and which are automatically enabled.

Must-use plugins do not show in the default list of plugins on the Plugins page and cannot be disabled except by removing the plugin file from the must-use directory, which is found in wp-content/mu-plugins by default.

For more details, please refer to Must Use Plugins.

#### References

WordPress Market Share Statistics (2011-2023) - Kinsta®

# 1 - Gestió d'extensions (1 hora)

#### 1.1 - Hello Dolly

1.- Activa l'extensió Hello Dolly que ve per defecte en tota instal.lació de Wordpress.

Un cop activada, pots veure que a la part de dalt de tauler apareix una estrofa de la lletra de la cançó Hello dolly.



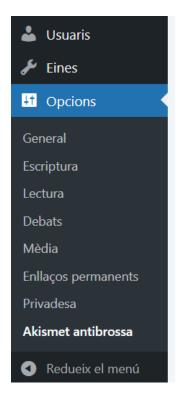
Cada cop que es mostra una pàgina del tauler apareix una nova estrofa.

Per tal de llegir una part de la lletra de la cançó, actualitza la pàgina amb la tecla F5.

- **2.-** Sense consultar google, digues qui és l'autor de l'extensió, i el número de instal.lacions actives i la valoració mitja dels usuaris.
- 3.- Elimina l'extensió Hello Dolly.
- **4.-** (Opcional) Si vols saber perquè ve per defecte consulta aquest enllaç: What is the Hello Dolly WordPress Plugin? Should You Delete it?

#### 1.2 - Akismet antibrossa

1.- Actualitza l'extensió Askimet, activa les actualitzacions automàtiques i activa l'extensió Un cop activada tindrás un nova opció en el menú Opcions



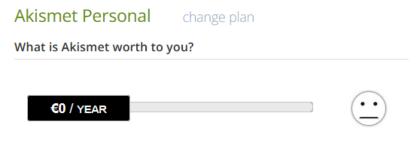
# 2.- Configura el compte d'Askimet

#### Elimineu la brossa del vostre lloc web

Configureu el compte de l'Akismet per a habilitar el filtratge de brossa en aquest lloc web.

Configureu el compte d'Akismet

Fes click al butó blau per anar a la pàginal de plans d'Askimet, selecciona "Personal" i selecciona no pagar res.



The average person pays €36 per year

Omple el formulari (on demana lloc web te l'inventes, per exemple test.dev)

3.- Un cop tinguis la clau l'has d'introduir la clau API manualment:

	Configureu el compte d'Akismet	
f4997963fe46		Connecteu amb la clau API

#### 4.-



# 1.3 - Modula (opcional)

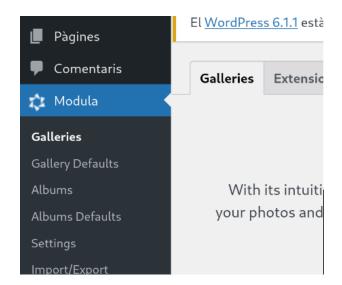
Modula és una extensió que permet crear galeries d'imatges tal com pots veure en aquest enllaç <u>WP Modula DEMO</u>.

#### 1.- Instal.la i activa l'extensió Modula



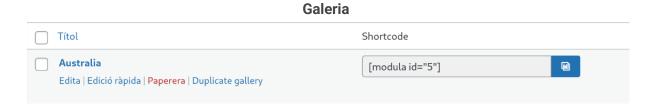
2.- Crea la teva primera galeria de fotografies tal com s'explica en aquest tutorial:

How to create your first gallery



3.- Afegeix la galería a una pàgina o entrada.

A continuació tens un exemple:



# Entrada (edició)

# Hola, món!

Us donem la benvinguda al WordPress. Aquest és la primera entrada. Editeu-la o suprimiu-la, i aleshores comenceu a escriure!

[/] Codi de substitució	
[modula id="5"]	

#### **Entrada**

# Hola, món!

Us donem la benvinguda al WordPress. Aquest és la primera entrada. Editeu-la o suprimiu-la, i aleshores comenceu a escriure!



# 2.- Pràctica (2 hores)

Aquesta pràctica es realitzarà en grups de dues persones.

Cadascun dels grups haurà de buscar dos extensions diferents per a Wordpress, instal·lar-les al seu Wordpress i configurar-less per tal de que funcionin amb les diferents possibles configuracions.

Heu de preparar una presentació amb <u>Google Slides</u> explicant breument per a cadascun dels plugins:

- Per a què serveix el plugin, quines són les funcionalitats que ofereix i quan es pot utilitzar.
- Passos a seguir per a la seva instal·lació.
- Quines són les opcions de configuració i com es configura.

La presentació haurà de durar un màxim de 5 minuts per cadascun dels plugins, i es presentarà el proper dia de classe.

Per cada apartat heu d'incorporar captures de pantalla que donin suport a l'explicació.

#### Es valorarà:

- Claredat i adequació de la presentació oral (individual)
- Originalitat, utilitat i complexitat dels plugins.
- Continguts de la presentació.
- Està ben explicada la funcionalitat del plugin i les seves opcions?
- Està ben explicat com s'instal·la el plugin?

•	Esta ben explicat quines son les opcions de configuració del plugin i com es realitza
	la configuració?