

Gestió centralitzada: una alternativa a WordPress Multisite?

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#WCBCN





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Monto sistemes de venda amb
WordPress, Mautic y n8n a
Automaticos.com.

Enamorat del Open Source.

Contexte de la xerrada

- Necessitat de crear i gestionar una bona quantitat de llocs amb funcionalitats iguals o similars (WAAS - WordPress as a Service).
- Necessitat de trobar una forma de gestió escalable.
- Necessitat de trobar un rendiment òptim de cada instal·lació.
- Males experiències anteriors amb WordPress Multisite

Objectius de la xerrada

- Cas d'ús: Construcció i gestió WAAS
- Opcions disponibles
- Pros i contres de cada opció
- Opció triada en el meu cas y funcionalitats disponibles

Cas d'Ús

Construcció i gestió d'un WAAS

WAAS

- WordPress as a Service
- Varies instal·lacions (de 1 a n)
- Mateix tipus de client i funcionalitats (plugins) iguals o similars
- Exemples: Web de col·legi o club esportiu, Academies online, Botigues Woocommerce,...

Opcions Disponibles

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WAAS

1. Instal·lacions WordPress independents
2. WordPress Multisite
3. WordPress Multi-tenant
4. Instal·lacions WordPress amb gestió centralitzada

1. Instal·lacions WordPress independents



1. Instal·lacions WordPress independents

- Cada lloc web té els seus arxius (core, tema, plugins) i la seva BD.
- Gestió individual per cada lloc de actualitzacions, còpies de seguretat i seguretat.
- **PROS:** Flexibilitat per a personalitzar cada lloc segons les necessitats específiques.
- **CONTRES:** Major càrrega de treball en la gestió (gestió individual).

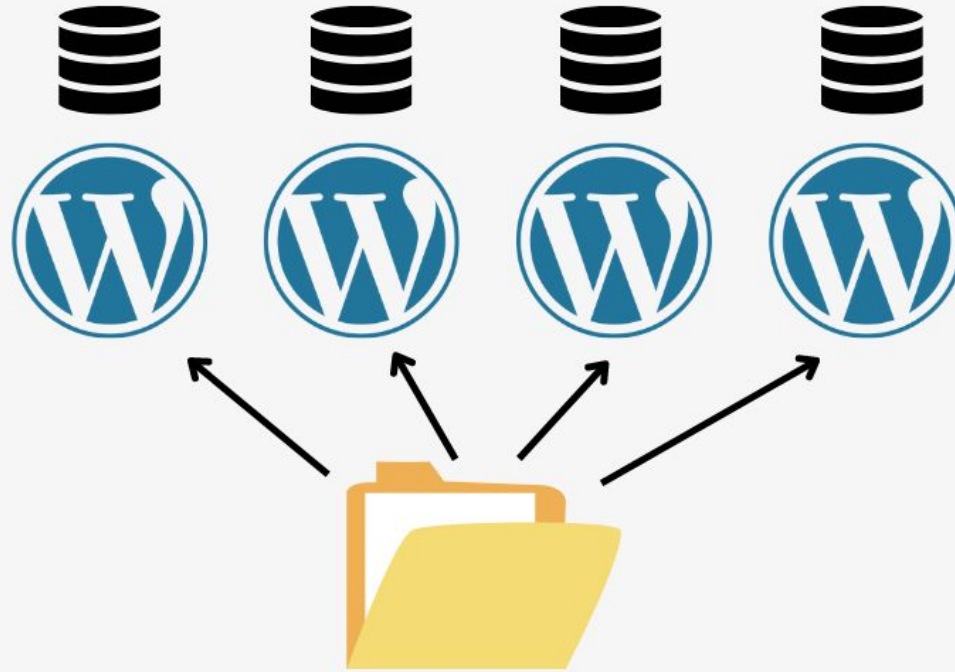
2. WordPress Multisite



2. WordPress Multisite

- Una sola instal·lació de WordPress per a tots els llocs web, amb un sol arxius (core, tema, plugins) i una sola BD per a tots els llocs.
- Sols es gestiona una única instal·lació per a actualitzacions, còpies de seguretat i seguretat.
- **PROS:** Facilitat de gestió.
- **CONTRES:**
 - Menys flexibilitat per a la personalització de cada lloc, ja que tots comparteixen els mateixos recursos.
 - Presenta reptes importants de rendiment, seguretat i escalabilitat.

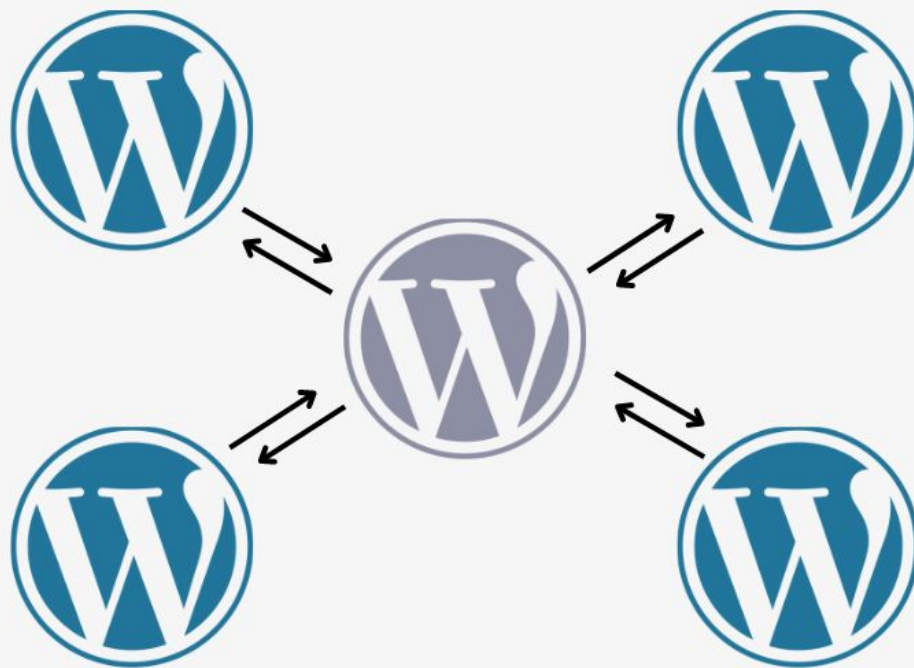
3. WordPress Multi-tenant



3. WordPress Multi-tenant

- Una única instal·lació de WordPress amb múltiples "inquilins" (llocs web) que comparteixen recursos, però amb dades separades per a cada lloc.
- Les actualitzacions, les còpies de seguretat i la seguretat es gestionen de manera centralitzada per a tots els llocs web.
- **PROS:** Major escalabilitat.
- **CONTRES:**
 - Complexitat tècnica de muntatge.
 - Falta de comunitat y de formació.

4. Gestió centralitzada d'instal·lacions independents



4. Gestió centralitzada d'instal·lacions independents

- Cada lloc web continua tenint la seva pròpia instal·lació de WordPress, (core, tema i complements) y la seva BD.
- Sols es gestiona una única instal·lació per a actualitzacions, còpies de seguretat i seguretat.
- **PROS:**
 - Escalabilitat gairebé infinita.
 - Menys càrrega de treball.
- **CONTRES:** No deixen de ser N instal·lacions

Opcions de gestió centralitzada

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Autoallotjat



Saas



MainWP: Perquè l'he triada?

1. Major Control

- Plugin free GPL + Extensions de pagament.
- Autoallotjat:
 - VPS (també compartit)
 - Requereix configuració i securització
 - No depenem de plataformes de tercers
- Customitzable amb codi.

2. Menors Despeses

- Llocs gestionables il·limitats.
- Nucli+algunes extensions → Gratuït
- Extensions premium: Pagament Anual o Lifetime (independentment del nombre de llocs web).

Estructura de treball que utilitzo

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Procés de Treball amb els llocs administrats

Lloc TEST



Lloc 1



Lloc 2



Lloc 3



Lloc n



NOU Lloc



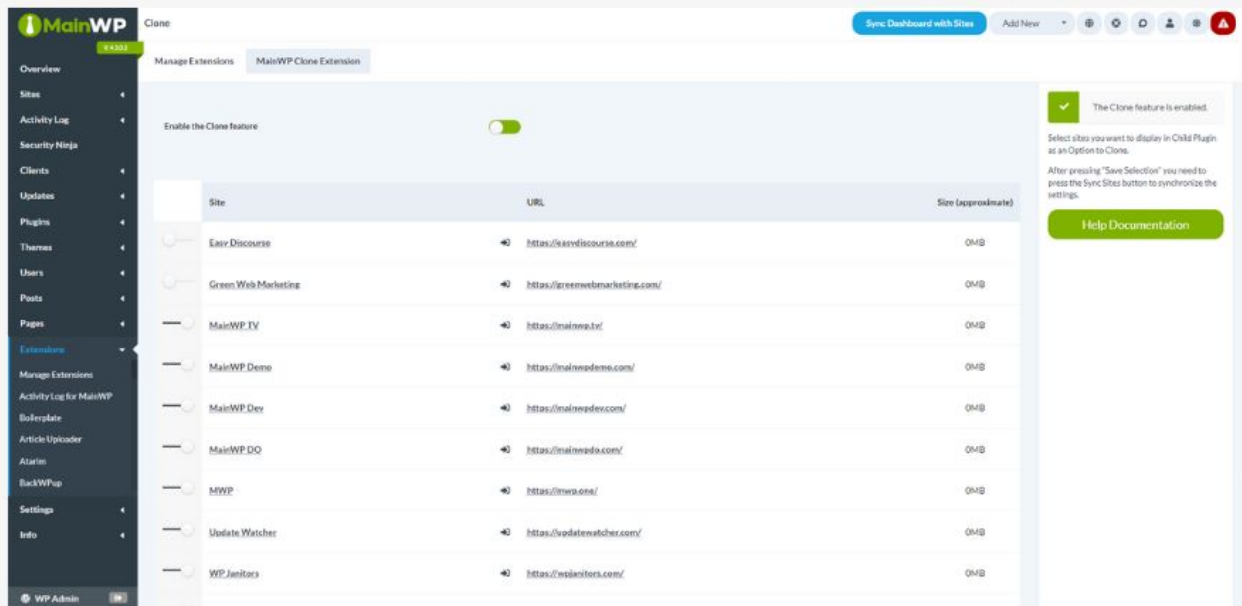
Lloc PLANTILLA



Principals funcionalitats que utilitzo de la gestió centralitzada amb MainWP

Utilitats per a la gestió WAAS

Creació de noves instal·lacions “rèplica” mitjançant Clonació de una instal·lació Plantilla



Clone

Sync Dashboard with Sites Add New

Manage Extensions MainWP Clone Extension

Enable the Clone feature

Site	URL	Size (approximate)
<input type="checkbox"/> Eair Discourse	https://saxofdiscourse.com/	0MB
<input type="checkbox"/> Green Web Marketing	https://greenwebmarketing.com/	0MB
<input type="checkbox"/> MainWP TV	https://mainwp.tv/	0MB
<input type="checkbox"/> MainWP Demo	https://mainwpdemo.com/	0MB
<input type="checkbox"/> MainWP Dev	https://mainwpdev.com/	0MB
<input type="checkbox"/> MainWP DO	https://mainwpdo.com/	0MB
<input type="checkbox"/> MWP	https://mwpa.one/	0MB
<input type="checkbox"/> Update Watcher	https://updatewatcher.com/	0MB
<input type="checkbox"/> WP Jetpack	https://wpjetpackers.com/	0MB

The Clone feature is enabled.

Select sites you want to display in Child Plugin as an Option to Clone.

After pressing "Save Selection" you need to press the Sync Sites button to synchronize the settings.

[I Help Documentation](#)

WP Admin

Gestió d'usuaris centralitzada

The screenshot displays the MainWP Users management interface. The top navigation bar includes options like 'Sync Dashboard with Sites', 'Add New', and various settings icons. The main content area shows a table of users with columns for Name, Username, E-mail, Role, Posts, and Website. The user list includes Bogdan Rapalic, Contact, and bojan. The right-hand panel allows for selecting sites and roles.

Name	Username	E-mail	Role	Posts	Website
Bogdan Rapalic	bogdan	bogdan@mainwp.com	Administrator	9	https://mwp.one/
Contact	contact@mainwp.com	contact@mainwp.com	Administrator	15	https://mwp.one/
Contact	contact@mainwp.com	contact@mainwp.com	Administrator	15	https://easydiscourse.com/
Bogdan Rapalic	bogdan	bogdan@mainwp.com	Editor	9	https://updatewatcher.com/
Contact	contact@mainwp.com	contact@mainwp.com	Administrator	14	https://updatewatcher.com/
Bogdan Rapalic	bogdan	bogdan@mainwp.com	Editor	9	https://wpjanitors.com/
bojan	bojan@mainwp.com	bojan@mainwp.com	Administrator	8	https://wpjanitors.com/

Modificació de paràmetres de configuració en bloc

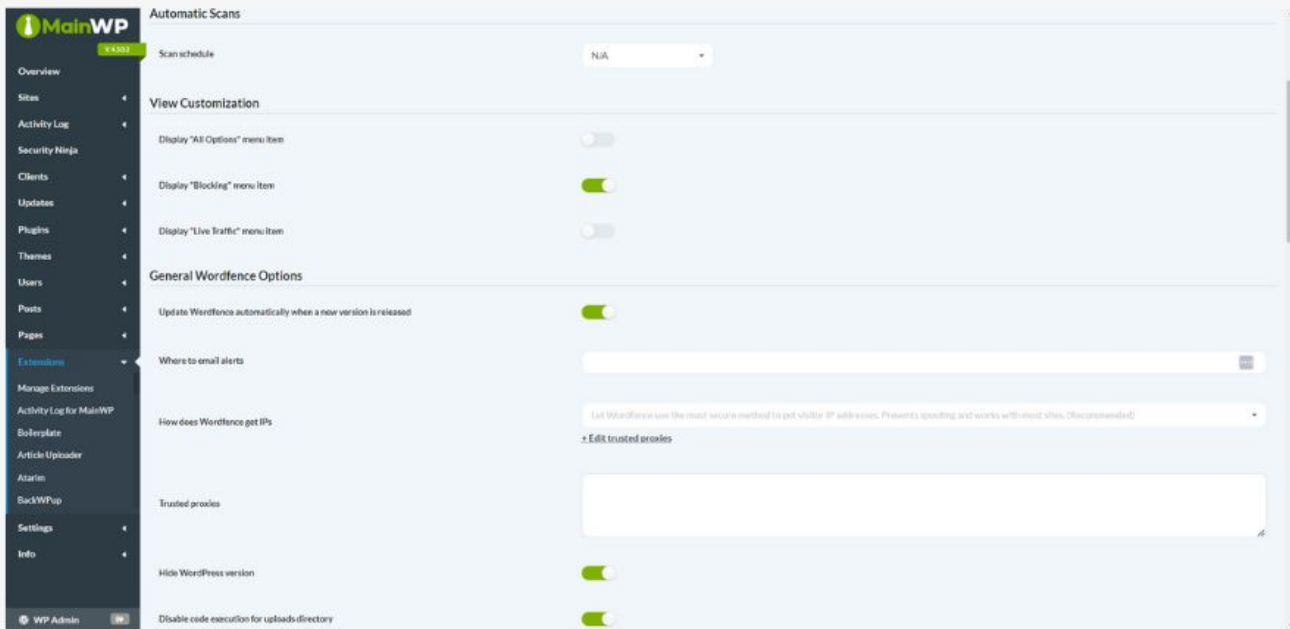
The screenshot displays the MainWP Bulk Settings Manager interface. The top navigation bar includes 'MainWP Bulk Settings Manager', 'Sync Dashboard with Sites', and 'Add New'. The left sidebar lists various management categories like Overview, Sites, Activity Log, Security Ninja, Clients, Updates, Plugins, Themes, Users, Posts, Pages, and Extensions. The main content area is titled 'Manage Extensions' and 'MainWP Bulk Settings Manager Extension'. It features a 'Create New Key' button and a 'Key Fields' section. A warning message states: 'Making Keys by yourself can be tricky and may lead to unwanted issues. It is recommended to let the Key Maker plugin auto-create Keys for you. [Learn more.](#)' The 'Key Fields' section has a sub-header 'Key Settings' and a note: 'Insert key fields by dragging them from the Available Fields section.' Below this are input fields for 'Settings name', 'Settings URL', and 'New keyring'. There is also a section for 'Or select existing Key Ring' with a 'No Key Ring' option and a 'Close' button. The 'Available Fields' section on the right lists various field types: None, Text Field, Textarea Field, Submit Field, Search Text, Check Box, and Select Box / Radio-Box.

Actualització del core, temes i plugins (free i premium) centralitzada

The screenshot displays the MainWP dashboard's 'Available Updates' section. At the top, there are summary statistics: Plugins Updates (102), Themes Updates (43), WordPress Updates (0), Translations Updates (0), Abandoned Plugins (0), and Abandoned Themes (0). Below this, a table lists individual updates for various plugins. Each row includes a checkbox, the plugin name, the number of updates, a 'Trusted' status, and three action buttons: 'Ignore Globally', 'Update Selected', and 'Update All'.

Plugin	Updates	Trusted	Actions
301 Redirects	8 Updates	Trusted	Ignore Globally, Update Selected, Update All
Akismet Anti-Spam	3 Updates	Not Trusted	Ignore Globally, Update Selected, Update All
Backup Duplicator & Migration - WP STAGING	1 Update	Not Trusted	Ignore Globally, Update Selected, Update All
Blocksy Companion	1 Update	Not Trusted	Ignore Globally, Update Selected, Update All
F.A.Q Builder	8 Updates	Not Trusted	Ignore Globally, Update Selected, Update All
Fuse Social Embedding Sidebar	7 Updates	Not Trusted	Ignore Globally, Update Selected, Update All
Gallery - WordPress Gallery	6 Updates	Not Trusted	Ignore Globally, Update Selected, Update All

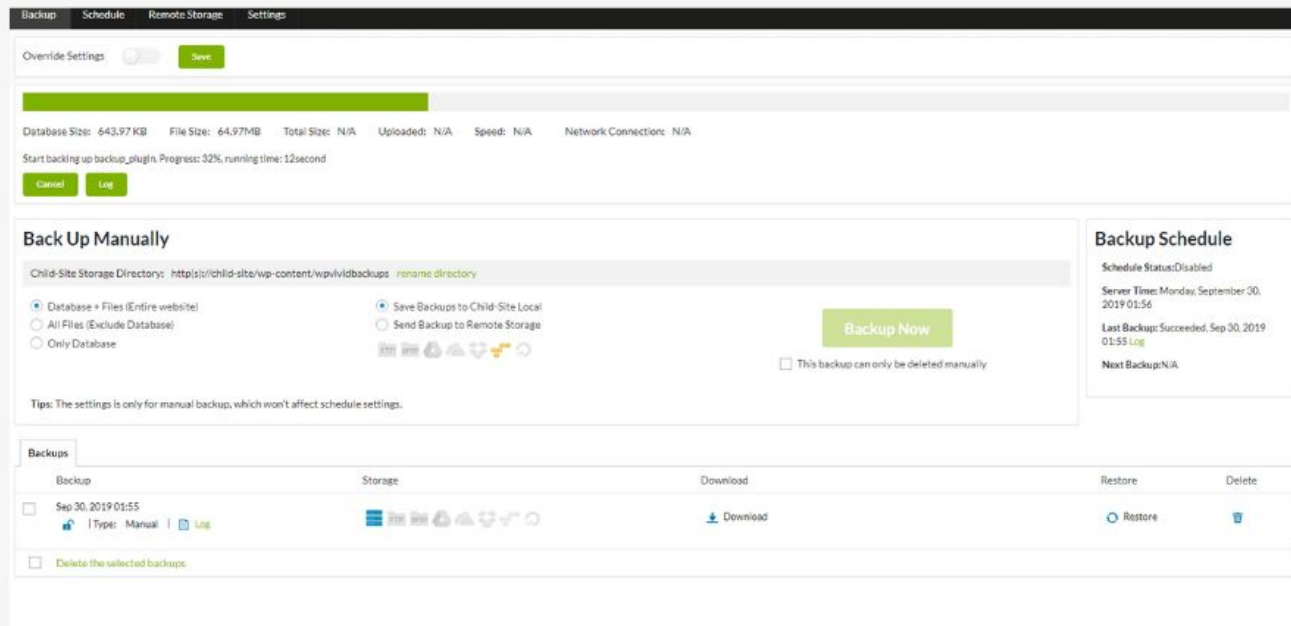
Configuració de seguretat centralitzada amb Wordfence



The screenshot displays the MainWP dashboard interface. On the left is a dark sidebar with a navigation menu including: Overview, Sites, Activity Log, Security Ninja, Clients, Updates, Plugins, Themes, Users, Posts, Pages, Extensions (highlighted), Manage Extensions, Activity Log for MainWP, Backupplate, Article Uploader, Atarim, BackWPup, Settings, and Info. The main content area is titled 'Automatic Scans' and contains the following settings:

- Scan schedule:** N/A
- View Customization:**
 - Display "All Options" menu item:
 - Display "Blocking" menu item:
 - Display "Live Traffic" menu item:
- General Wordfence Options:**
 - Update Wordfence automatically when a new version is released:
 - Where to email alerts: [Empty text field]
 - How does Wordfence get IPs: [Dropdown menu with text: "Let Wordfence use the most secure method to get viable IP addresses. Prevents spoofing and works with most sites. (Recommended)"]
 - Trusted proxies: [Empty text area with a plus icon and text: "+ Edit trusted proxies"]
 - Hide WordPress version:
 - Disable code execution for uploads directory:

Configuració de còpies de seguretat centralitzada amb WPvivid



The screenshot displays the WPvivid backup plugin interface. At the top, there are tabs for Backup, Schedule, Remote Storage, and Settings. The 'Backup' tab is active, showing an 'Override Settings' toggle and a 'Save' button. Below this, a progress bar indicates the backup status. The interface shows the following statistics: Database Size: 643.97 KB, File Size: 64.97 MB, Total Size: N/A, Uploaded: N/A, Speed: N/A, and Network Connection: N/A. A message states: 'Start backing up backup_plugin. Progress: 32%, running time: 12second'. There are 'Cancel' and 'Log' buttons.

Back Up Manually

Child-Site Storage Directory: <http://child-site/wp-content/wpvividbackups> [rename directory](#)

Database + Files (Entire website)
 All Files (Exclude Database)
 Only Database

Save Backups to Child-Site Local
 Send Backup to Remote Storage

[Backup Now](#)

This backup can only be deleted manually

Tips: The settings is only for manual backup, which won't affect schedule settings.

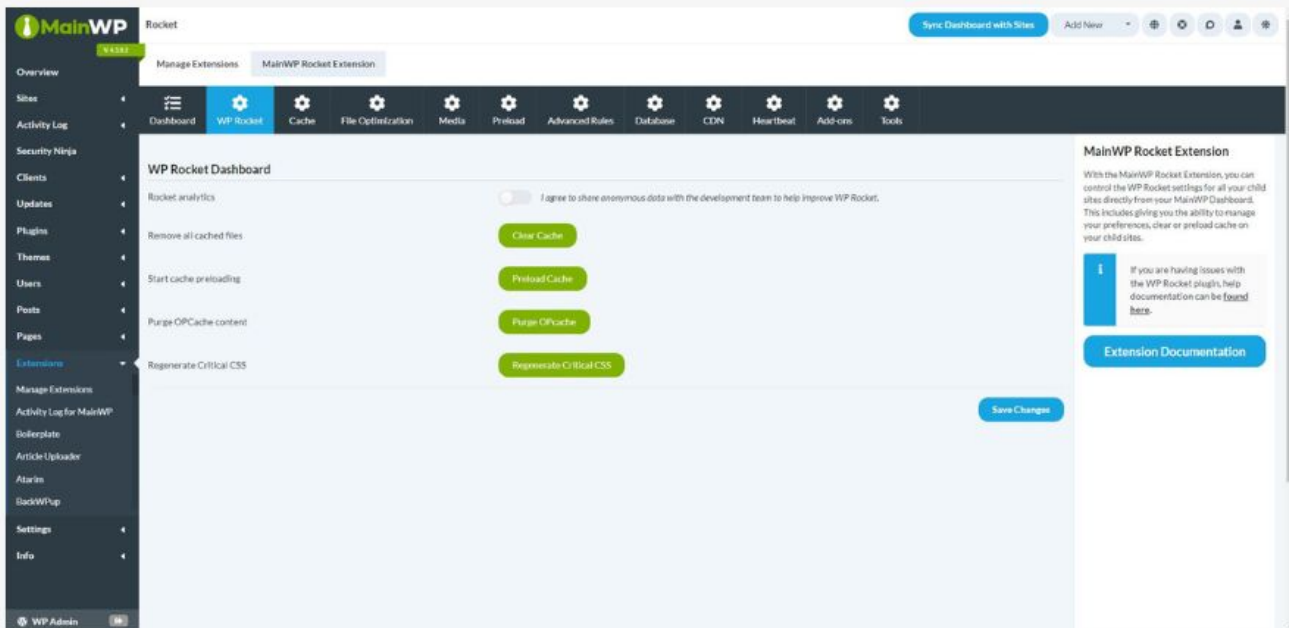
Backups

Backup	Storage	Download	Restore	Delete
<input type="checkbox"/> Sep 30, 2019 01:55 Type: Manual Log		Download	Restore	Delete
<input type="checkbox"/> Delete the selected backups.				

Backup Schedule

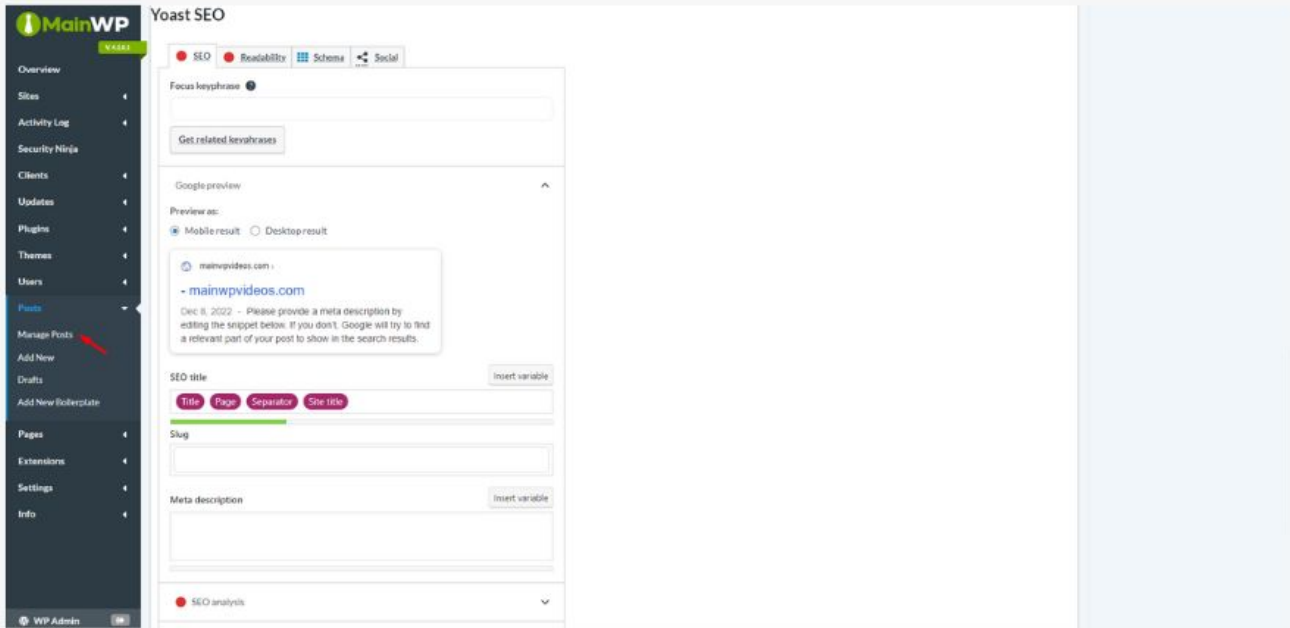
Schedule Status: Disabled
Server Time: Monday, September 30, 2019 01:56
Last Backup: Succeeded, Sep 30, 2019 01:55 [Log](#)
Next Backup: N/A

Configuració de la gestió de caché centralitzada amb WPRocket

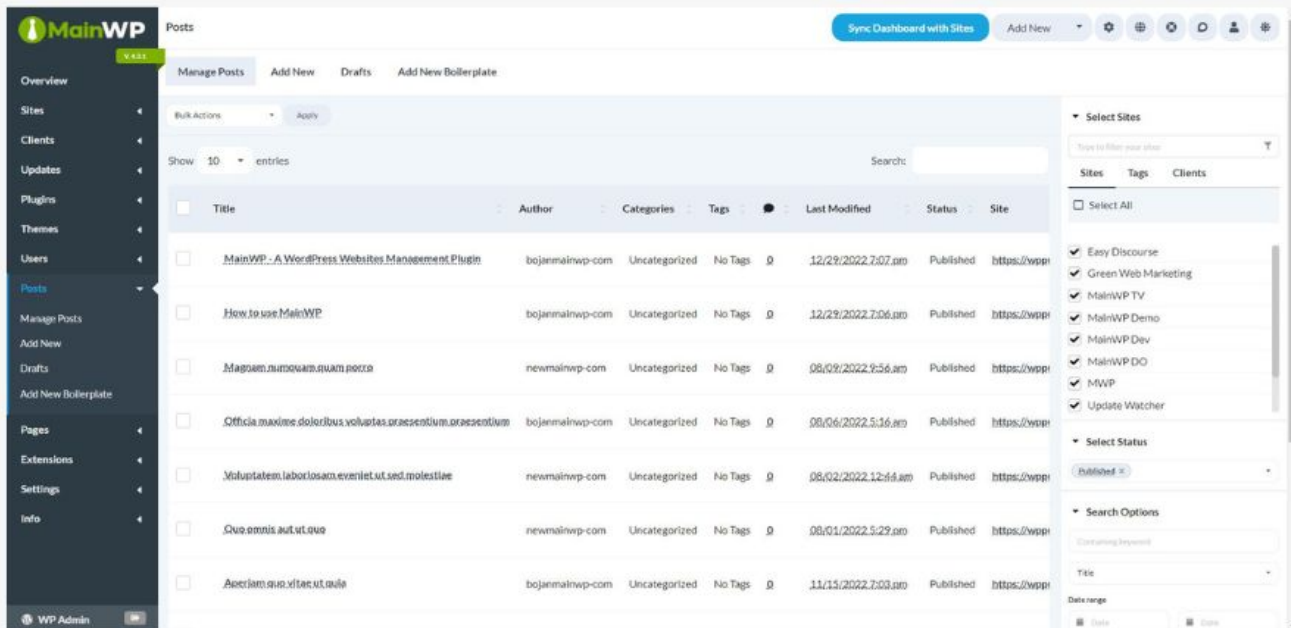


The screenshot displays the MainWP Rocket Extension dashboard. The interface includes a sidebar with navigation options such as Overview, Sites, Activity Log, Security Ninja, Clients, Updates, Plugins, Themes, Users, Posts, Pages, Extensions, Manage Extensions, Activity Log for MainWP, Boilerplate, Article Uploader, Atarim, BackWPup, Settings, and Info. The main content area is titled "WP Rocket Dashboard" and features a "Rocket analytics" section with a toggle for sharing data. Below this, there are five green buttons for cache management: "Clear Cache", "Preload Cache", "Purge OPcache", and "Regenerate Critical CSS". A "Save Changes" button is located at the bottom right of the dashboard. On the right side, there is a "MainWP Rocket Extension" section with an information icon and a link to "Extension Documentation".

Control de configuració de SEO centralitzada amb Yoast SEO



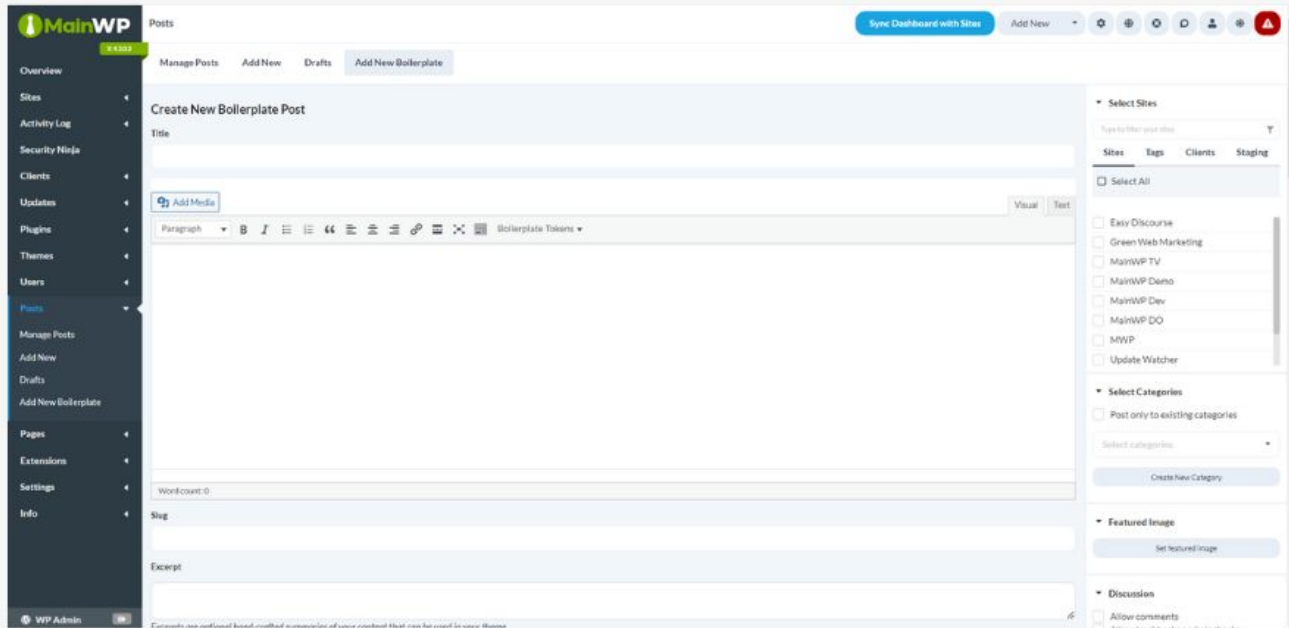
Creació, edició y eliminació de Posts, pàgines i CPT de forma centralitzada



The screenshot displays the MainWP dashboard's 'Posts' management interface. The left sidebar contains navigation options: Overview, Sites, Clients, Updates, Plugins, Themes, Users, Posts (selected), Manage Posts, Add New, Drafts, Add New Boilerplate, Pages, Extensions, Settings, and Info. The main content area shows a table of posts with columns for Title, Author, Categories, Tags, Last Modified, Status, and Site. The table lists several posts, including 'MainWP - A WordPress Websites Management Plugin' and 'How to use MainWP'. On the right, there are filters for 'Select Sites' (listing various plugins like Easy Discourse and Green Web Marketing) and 'Select Status' (set to 'Published').

	Title	Author	Categories	Tags	Last Modified	Status	Site
<input type="checkbox"/>	MainWP - A WordPress Websites Management Plugin	bojanmainwp-com	Uncategorized	No Tags	12/29/2022 2:07 am	Published	https://wp
<input type="checkbox"/>	How to use MainWP	bojanmainwp-com	Uncategorized	No Tags	12/29/2022 2:06 am	Published	https://wp
<input type="checkbox"/>	Magnum opus quam possit	newmainwp-com	Uncategorized	No Tags	08/09/2022 9:56 am	Published	https://wp
<input type="checkbox"/>	Officia maxime doloribus voluptas praesentium praesentium	bojanmainwp-com	Uncategorized	No Tags	08/06/2022 5:16 am	Published	https://wp
<input type="checkbox"/>	Voluptatem laboriosam eveniet ut sed molestiae	newmainwp-com	Uncategorized	No Tags	08/02/2022 12:44 am	Published	https://wp
<input type="checkbox"/>	Quo omnis aut ut quo	newmainwp-com	Uncategorized	No Tags	08/01/2022 5:29 am	Published	https://wp
<input type="checkbox"/>	Aperiam quo vitae ut aut	bojanmainwp-com	Uncategorized	No Tags	11/15/2022 2:03 am	Published	https://wp

Creació y distribució de pàgines repetitives (sobre nosaltres, contacte,...) usant Boilerplate



Monitorització de l'estat i Control de salut dels llocs centralitzats, amb avisos per email.

Basic Uptime Monitoring

Enable basic uptime monitoring

Check interval

Execució remota de codi (snippets) en els llocs administrats

The screenshot displays the MainWP SAVED Snippets interface. The main area is a code editor with the following PHP code:

```
1 echo "this is a test code."
2
3 global $user_ID; if($user_ID) {
4     if(!current_user_can('administrator')) {
5         if (strlen($_SERVER['REQUEST_URI']) > 255 ||
6             stripslashes($_SERVER['REQUEST_URI'], "eval()") ||
7             stripslashes($_SERVER['REQUEST_URI'], "CONCAT") ||
8             stripslashes($_SERVER['REQUEST_URI'], "MION=SELECT") ||
9             stripslashes($_SERVER['REQUEST_URI'], "base64")) {
10                @header("HTTP/1.3 414 Request-URI Too Long");
11                @header("Status: 414 Request-URI Too Long");
12                @header("Connection: Close");
13                @exit;
14            }
15        }
16    }
17 }
18
19
```

On the right side, there is a 'Select Sites' panel with a search bar and a list of sites:

- Select All
- Easy Discourse
- Green Web Marketing
- MainWP TV
- MainWP Demo
- MainWP Dev
- MainWP DO
- MWP
- Update Watcher

Below the site list are 'Snippet Options' and 'Snippet Type' sections:

Snippet Options

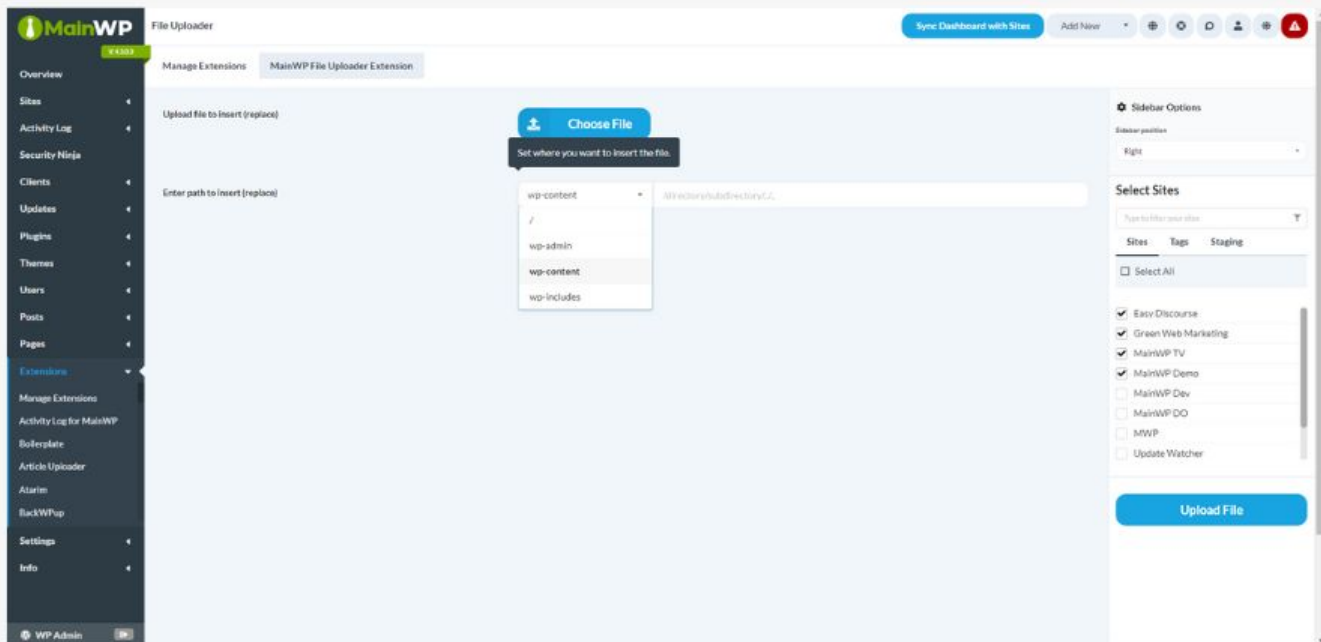
- Snippet Title:
- Snippet Description:

Snippet Type

- Execute on Child Sites
- Execute only from Child Sites
- Save to wp-config.php

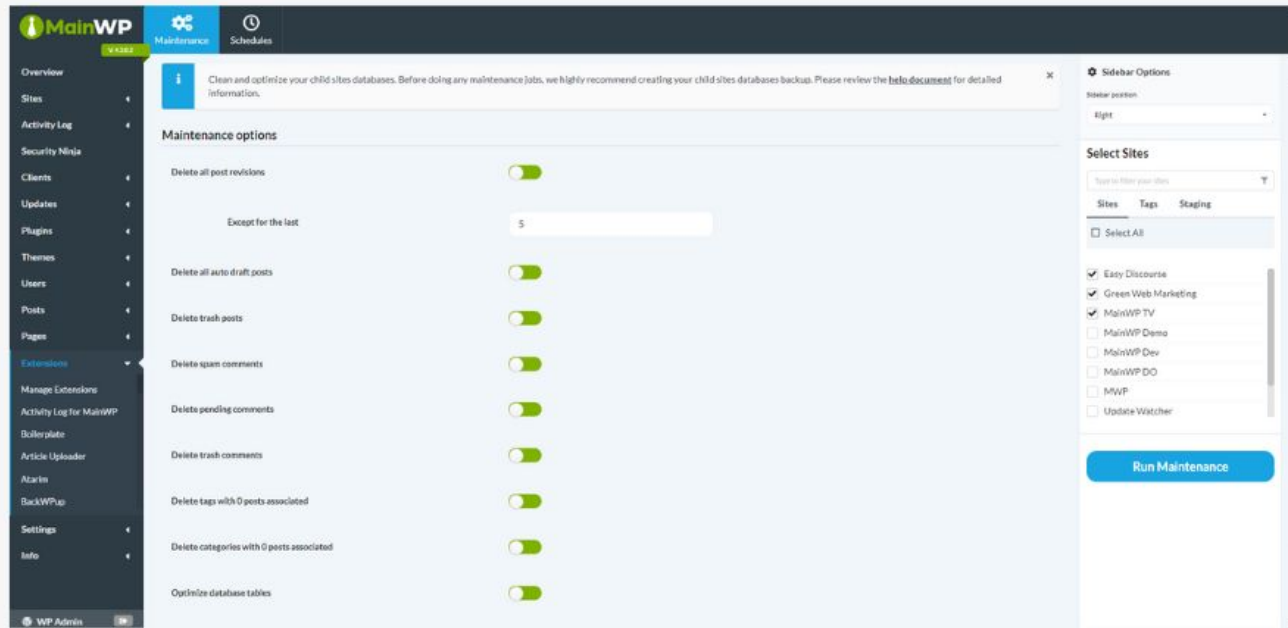
At the bottom of the panel are three buttons: 'Save Snippet' (green), 'Save & Execute Snippet' (blue), and 'New Snippet' (grey).

Pujada d'arxius centralitzada en els llocs gestionats

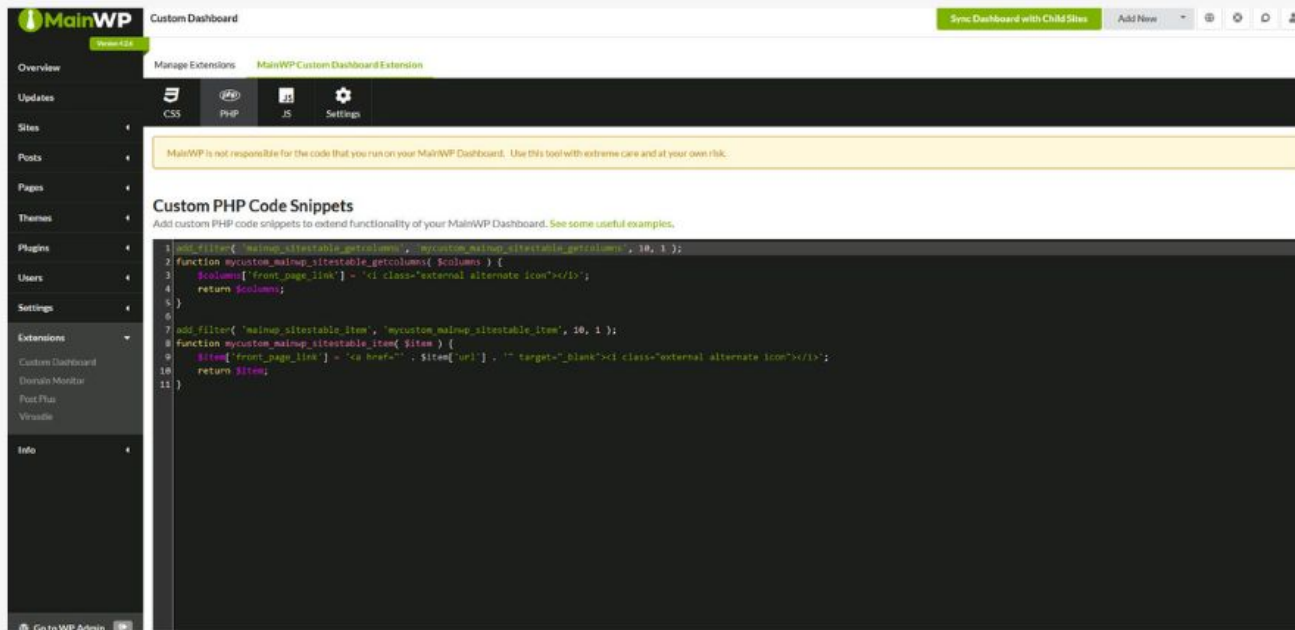


The screenshot displays the MainWP File Uploader interface. On the left is a dark sidebar with a navigation menu including Overview, Sites, Activity Log, Security Ninja, Clients, Updates, Plugins, Themes, Users, Posts, Pages, Extensions (highlighted), Manage Extensions, Activity Log for MainWP, Boilerplate, Article Uploader, Alarm, BackWPup, Settings, and Info. The main content area is titled 'File Uploader' and shows 'Manage Extensions' for 'MainWP File Uploader Extension'. It features two input fields: 'Upload file to insert (replace)' and 'Enter path to insert (replace)'. A 'Choose File' button is positioned above the path field, with a tooltip that says 'Set where you want to insert the file.' A dropdown menu is open below the button, listing 'wp-content', 'wp-admin', 'wp-content', and 'wp-includes'. The path field contains the text 'wp-content/uploads/2023/07/'. On the right side, there are 'Sidebar Options' (with a dropdown set to 'Right'), 'Select Sites' (with a search box and tabs for Sites, Tags, Staging), and a list of checked and unchecked site options: Easy Discourse, Green Web Marketing, MainWP TV, MainWP Demo, MainWP Dev, MainWP DO, MWP, and Update Watcher. A blue 'Upload File' button is at the bottom right. The top right of the interface includes a 'Sync Dashboard with Sites' button, 'Add New', and several utility icons.

Realització de tasques de manteniment de forma repetitiva



Marca Blanca i Panell personalitzable



The screenshot displays the MainWP Custom Dashboard interface. The top navigation bar includes the MainWP logo, the title "Custom Dashboard", and a "Sync Dashboard with Child Sites" button. Below this, there are tabs for "Manage Extensions" and "MainWP Custom Dashboard Extensions". A sidebar on the left lists various dashboard sections like Overview, Updates, Sites, Posts, Pages, Themes, Plugins, Users, Settings, and Extensions. The main content area shows a warning message and a section titled "Custom PHP Code Snippets" with a code editor containing two PHP snippets for filtering and adding items to the dashboard.

```
1 add_filter( 'mainwp_sitestable_getcolumns', 'mycustom_mainwp_sitestable_getcolumns', 10, 3 );
2 function mycustom_mainwp_sitestable_getcolumns( $columns ) {
3     $columns['front_page_link'] = '<i class="external alternate icon">/i>';
4     return $columns;
5 }
6
7 add_filter( 'mainwp_sitestable_item', 'mycustom_mainwp_sitestable_item', 10, 1 );
8 function mycustom_mainwp_sitestable_item( $item ) {
9     $item['front_page_link'] = '<a href="' . $item['url'] . '" target="_blank"><i class="external alternate icon">/i>';
10    return $item;
11 }
```

Gràcies!

Preguntes? (fàcils ;-)

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