



# «HERRAMIENTAS ÚTILES PARA DESARROLLADORES WORDPRESS»

Fernando García Rebolledo

## Hola, soy Fernando.



- Desarrollador web freelance
- Desarrollo a medida para WordPress y WooCommerce
- Meetup WordPress Torrelavega
- Podcast El Arroyo Dev

**WPHercules**

WordPress Hosting for Agencies

host.wphercules.com

<https://fgrweb.es>

[info@fgrweb.es](mailto:info@fgrweb.es)

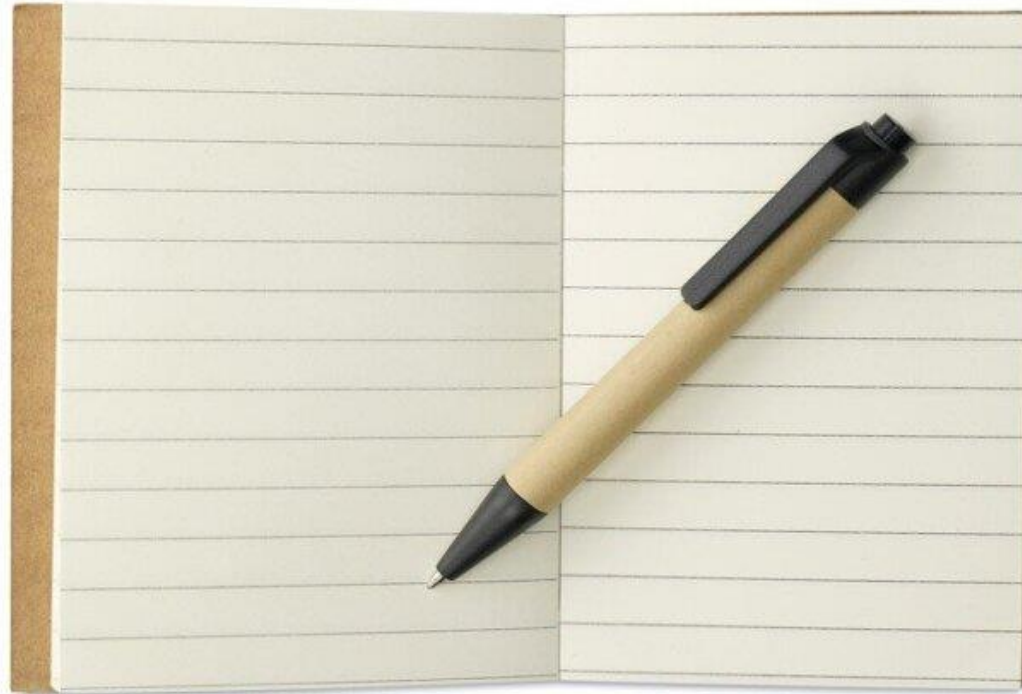
[@fgrwebes](#)

# AVISO

Las herramientas de las que voy a hablar son las que yo utilizo.

No están todas las que son, pero si son todas las que están

**Quizás mi herramienta más fundamental...**



# Depuración (Debug)

# Depuración (Debug)

```
1 / Enable WP_DEBUG mode
2 define( 'WP_DEBUG', true );
3
4 // Enable Debug logging to the /wp-content/debug.log file
5 define( 'WP_DEBUG_LOG', true );
6
7 // Disable display of errors and warnings
8 define( 'WP_DEBUG_DISPLAY', false );
9 @ini_set( 'display_errors', 0 );
10
11 // Use dev versions of core JS and CSS files (only needed if you are modifying these core files)
12 define( 'SCRIPT_DEBUG', true );
13
14 // Save queries
15 define( 'SAVEQUERIES', true );
```

# Depuración (Debug)

**Xdebug** -Extensión para PHP, y proporciona una serie de características para mejorar la experiencia de desarrollo PHP.

# Depuración (Debug)

Fuente:

A screenshot of the Visual Studio Code editor interface. The main editor window displays a PHP file named 'functions.php' from the 'twentytwentytwo' theme. The code is as follows:

```
36  
37  
38  /**  
39   * Enqueue styles.  
40   *  
41   * @since Twenty Twenty-Two 1.0  
42   * @return void  
43   */  
44  function twentytwentytwo_styles() {  
45      // Register theme stylesheet.  
46      $theme_version = wp_get_theme()->get( 'Version' );  
47  
48      $version_string = is_string( $theme_version ) ? $theme_version : false;  
49      wp_register_style(  
50          'twentytwentytwo-style',  
51          get_template_directory_uri() . '/style.css',  
52          array(),  
53          $version_string  
54      );  
55  
56      // Enqueue theme stylesheet.  
57      wp_enqueue_style( 'twentytwentytwo-style' );  
58  
59  }
```

The line 48 is highlighted with a yellow background, and a blue play button icon is visible to its left, indicating a breakpoint. The left sidebar shows the 'VARIABLES' panel with '\$theme\_version: "1.2"' and '\$version\_string: uninitialized'. Below it, the 'CALL STACK' panel shows the current function call: 'twentytwentytwo\_styles functions...'. The bottom status bar shows 'Ln 48, Col 1'.



# Depuración (Debug)

Navegador



Contacto Novedades Código de conducta Comprar entradas

WordCamp Sevilla 2023

20, 21, 22 Octubre

WordPress Day

2 de Julio de 2023

Programa Ubicación Asistentes Organizadores Participa

# WordCamp Sevilla 2023



Debugger Inspector Console Style Editor Network Performance Memory

Search HTML

```
<!DOCTYPE html>
<html lang="es" event="scroll">
<head>
</head>
<body class="home page-template-default page page-id-209 page-parent wp-custom-logo wp-embed-responsive page-slug-octubre" event="overf...>
  <noscript>
    <a class="skip-link screen-reader-text" href="#wp--skip-link--target">
      Saltar al contenido/>
    </a>
  </noscript>
  <div class="wp-site-blocks">
    <script id="wp-skip-link-styles">
    </script>
    <script id="wp-escape-html-js" src="https://sevilla.wordcamp.org/2023/wp-content/plugins/gutenberg/build/escape-html/index.min.js?ver=fbad781820bd8333f76">
    </script>
    <script id="wp-element-js" src="https://sevilla.wordcamp.org/2023/wp-content/plugins/gutenberg/build/element/index.min.js?ver=5688d39d153b54c4106c">
    </script>
    <script id="wp-url-js" src="https://sevilla.wordcamp.org/2023/wp-content/plugins/gutenberg/build/url/index.min.js?ver=c07739130b14a5dad3">
    </script>
    <script id="wp-api-fetch-js-translations">
    </script>
    <script id="wp-api-fetch-js" src="https://sevilla.wordcamp.org/2023/wp-content/plugins/gutenberg/build/api-fetch/index.min.js?ver=e9a37777cab7097062ff">
    </script>
    <script id="wp-api-fetch-js-after">
    </script>
    <script id="wp-autop-js" src="https://sevilla.wordcamp.org/2023/wp-content/plugins/gutenberg/build/autop/index.min.js?ver=4082809e92421384c288">
    </script>
    <script id="wp-blob-js" src="https://sevilla.wordcamp.org/2023/wp-content/plugins/gutenberg/build/blob/index.min.js?ver=d6b712aed7dc148dde9">
    </script>
    <script id="wp-block-serialization-default-parser-js" src="https://sevilla.wordcamp.org/2023/wp-content/plugins/gutenberg/build/serialization-default-parser/index.min.js?ver=ccaf59466e843b1e67a">
    </script>
  </div>
</body>
```

body { { background-color: var(--wp--preset--color--base); color: var(--wp--preset--color--contrast); font-family: var(--wp--preset--font-family--inter); font-size: var(--wp--preset--font-size--medium); line-height: 1.6; --wp-style-root--padding-top: var(--wp--preset--spacing--40); --wp-style-root--padding-right: var(--wp--preset--spacing--30); --wp-style-root--padding-bottom: var(--wp--preset--spacing--40); --wp-style-root--padding-left: var(--wp--preset--spacing--30); }

body { { --wp-style-block-gap: 1.5rem; }

body { { margin: 0; --wp-style-global--content-size: 800px; --wp-style-global--wide-size: 1200px; }

html > body.home.page-template-default.page.pag...

Filter Output Errors Warnings (2) Logs Info Debug CSS XHR Requests

JQMIGRATE: Migrate is installed, version 3.4.1 jquery-migrate.min.js:2:981

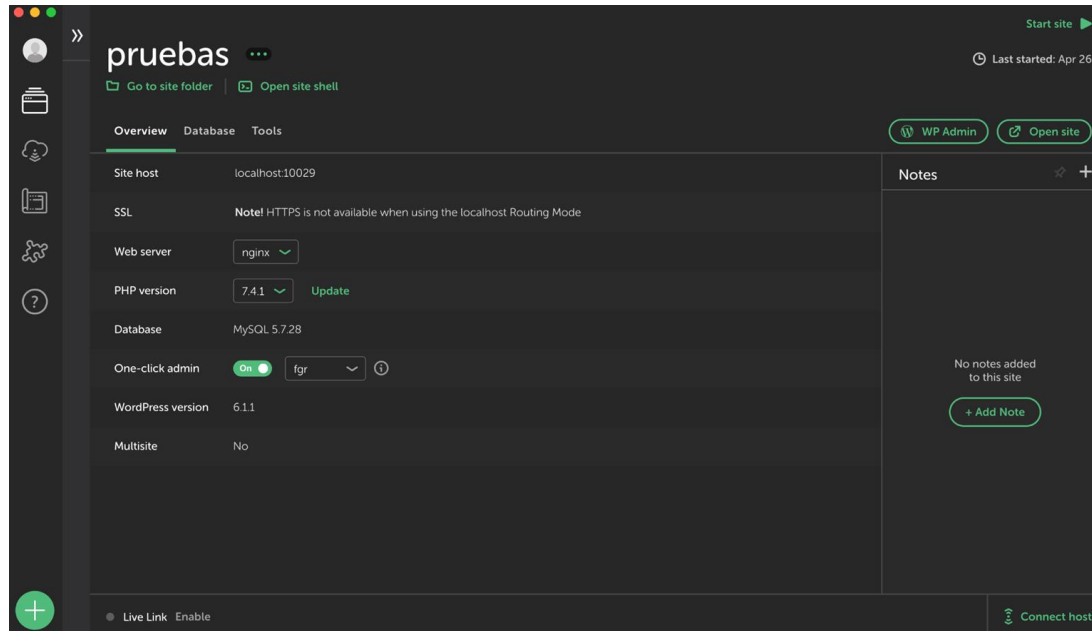
TypeError: can't access property "then", a.default.detectStore(...) is undefined [Learn More] hl-check.js:1:1301

#WCSevilla23

# Desarrollo en entorno local

# Desarrollo en entorno local

## Local by Flywheel



# Desarrollo en entorno local

Lando (Docker, pero fácil)



# Lando

- [Documentación Lando](#)
- [José Peleato: Lando, la herramienta Docker Human friendly](#)

# Plugins WordPress

# Plugins WordPress

## Query Monitor

Permite depurar consultas a bases de datos, errores de PHP, hooks y acciones, bloques del editor de bloques, scripts y hojas de estilo en cola, llamadas a API HTTP, etc.

0,39s 25,6MB 0,01s 116Q

Database Queries

Duplicate Queries (4)

Timings

Logs

Request

Admin Screen

Scripts (27)

Styles (29)

Hooks & Actions

Languages

HTTP API Calls

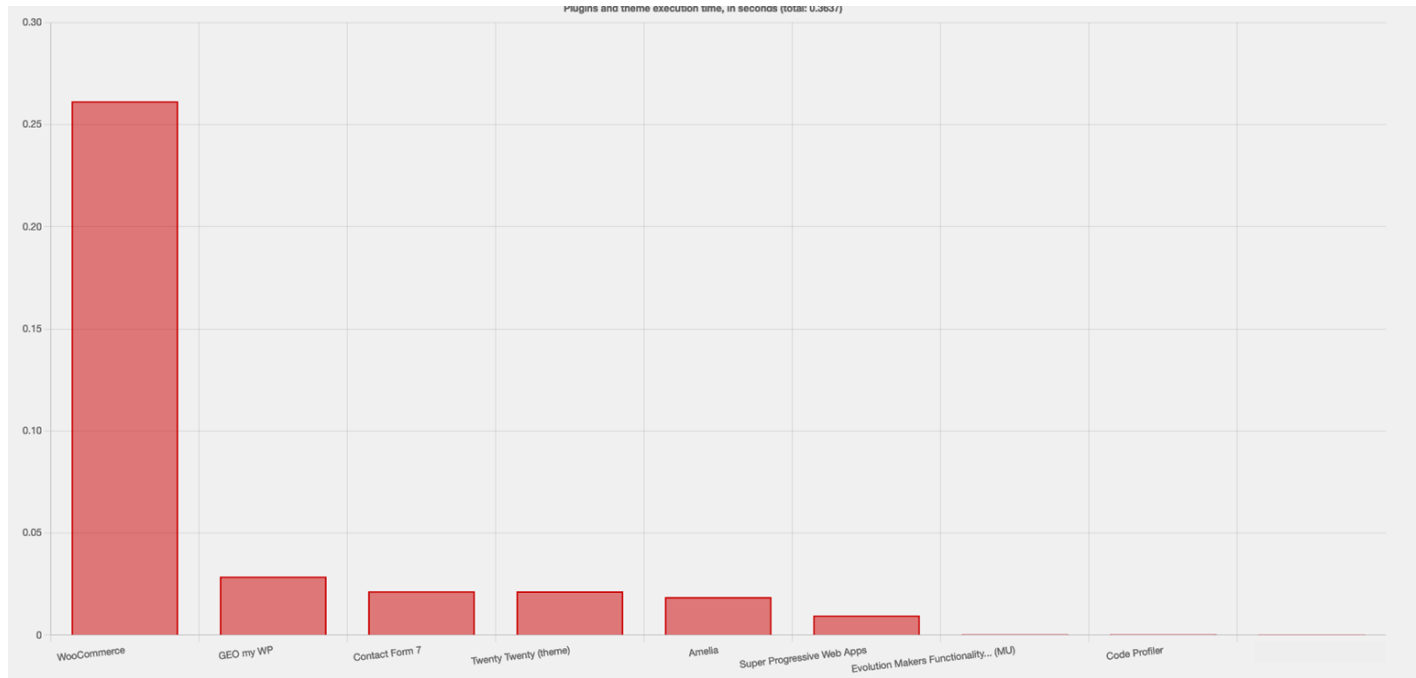
Transient Updates

Capability Checks

Environment

# Plugins WordPress

## Code profiler



# Plugins WordPress

## User Switching



User Switching

By John Blackbourn & contributors

Download

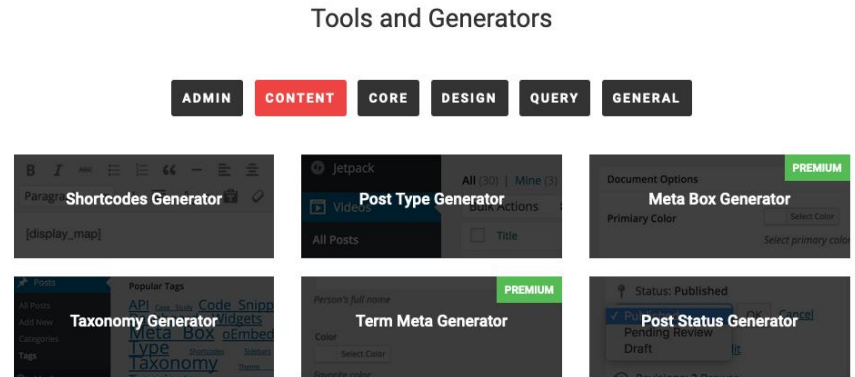


# Generadores de código

# Generadores de código

GenerateWP - <https://generatewp.com/>

- Generar snippets de código a través de formularios.
- Parte gratuita y parte de pago.
- Orientado a no-programadores



# Generadores de código

WPTurbo - <https://wpturbo.dev/>

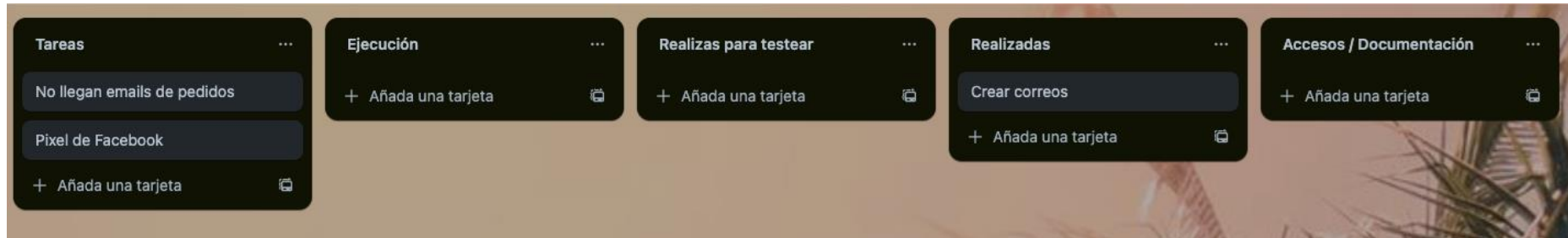
- Generación de código visualmente.
- Parte gratuita y parte de pago.
- Soporte IA.
- Snippets compartidos por la comunidad
- Orientado a programadores



# Trabajo en equipo

# Trabajo en equipo

## Trello



# Trabajo en equipo

## Webvizio

The screenshot displays the Webvizio interface. On the left, a task board shows two tasks:

- Task 2: Change the button**  
Can we try another button shape please?  
Also, let's change the CTA to "Learn more" please! 🙏  
New Important
- Task 1: Edit the image**  
@Maggie O'Brien, could you make the image brighter please? Attaching the RGB sample reference!

On the right, the website preview for **mnmlst.com** is shown. The page features a large image of a person's head in profile with a blue circle and the number '1' overlaid on it. Below the image, the text reads "All you need is less". A blue button labeled "Submit" is visible at the bottom left of the preview area. The top navigation bar includes links for Home, Product, Store, About Us, and Contact Us. Social media icons for Facebook, Instagram, Twitter, and LinkedIn are on the right side of the page.

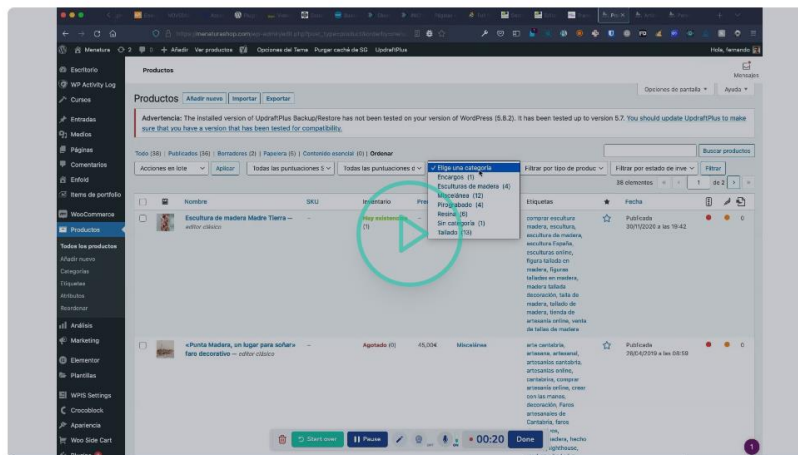
# Trabajo en equipo

## Berrycast

Crear videos y compartir con url personalizada

FGR DESARROLLO WEB

### Ordenar productos



Fernando

Add comments here...

00:00:0

Reply With Video

19

Post

# Trabajo en equipo

Comunicación



# Telegram



# DISCORD



# Comprobar responsive

# Comprobar responsive

BrowserStack - [browserstack.com](https://www.browserstack.com)

Probar diferentes navegadores, dispositivos y sistemas operativos

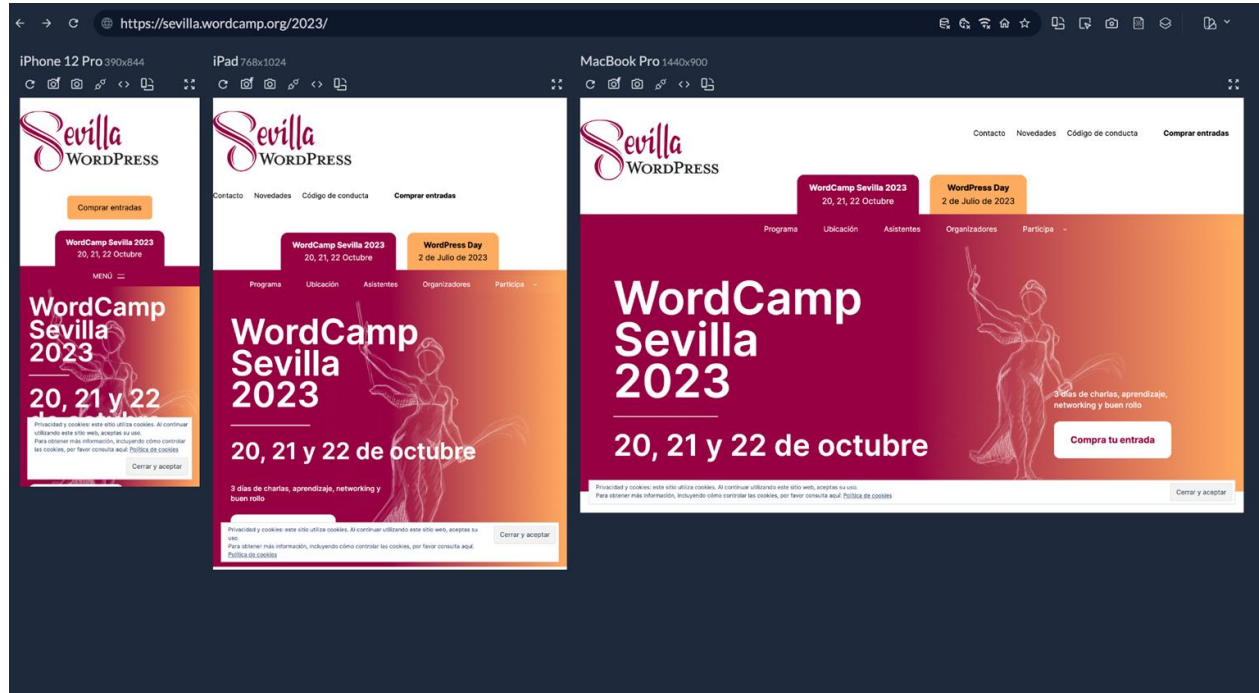
Integraciones

Acceso localhost

Desde \$29/mes

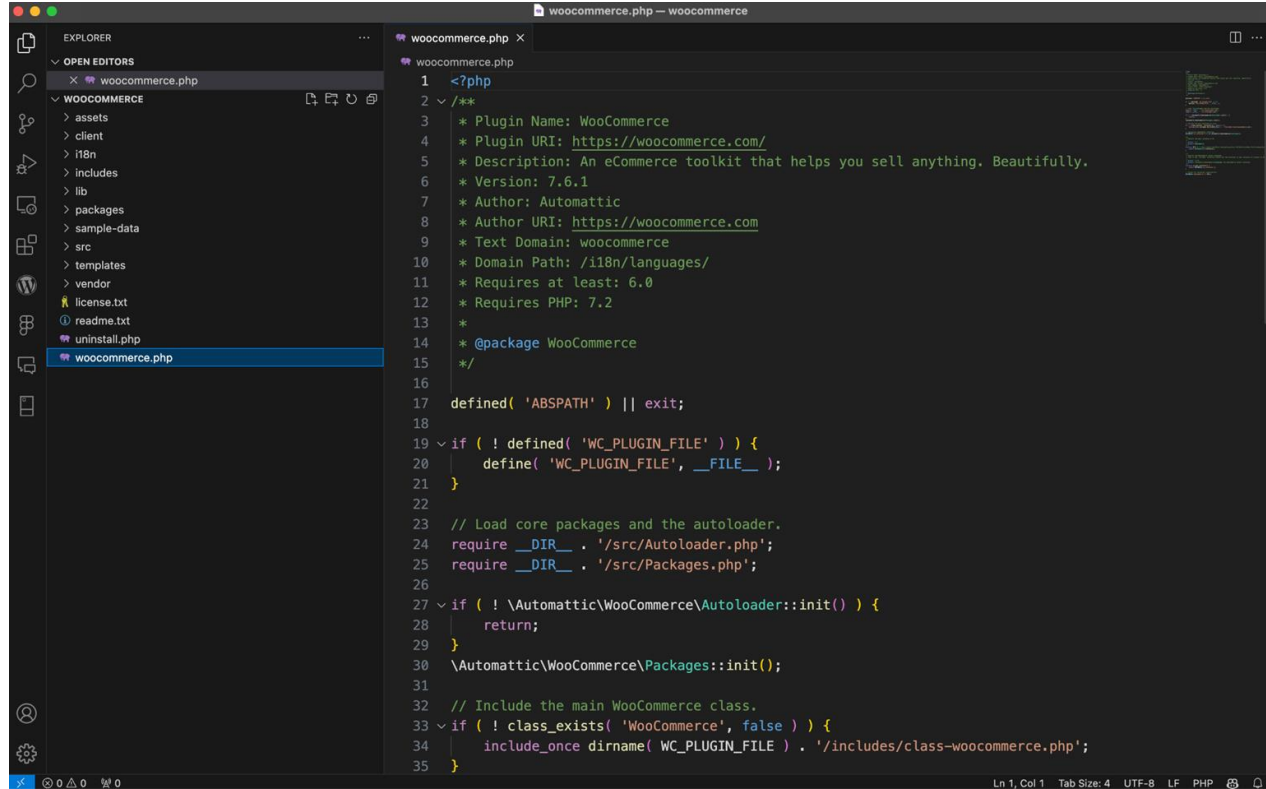
# Comprobar responsive

Responsively App - [responsively.app](https://responsively.app)



# IDE - VS CODE

# VS Code

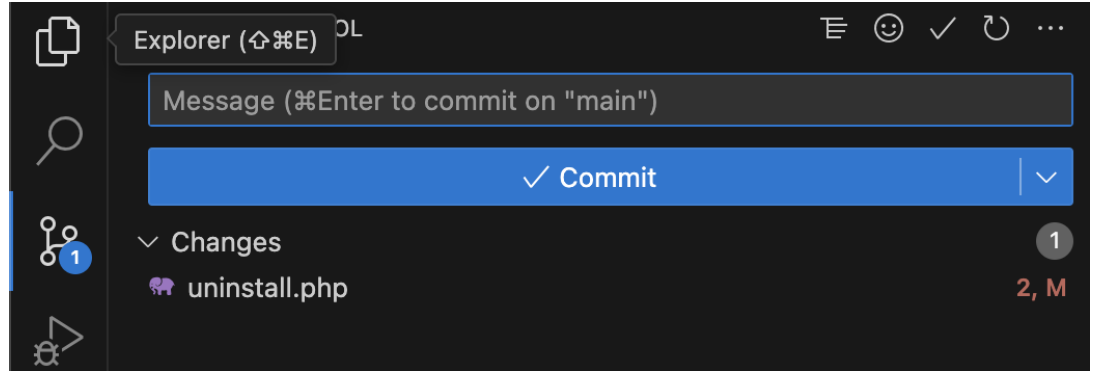


The image shows a screenshot of the Visual Studio Code (VS Code) editor interface. The Explorer sidebar on the left displays the file structure of a WordPress plugin named 'woocommerce'. The 'woocommerce.php' file is selected and open in the main editor window. The code in the editor is PHP and includes plugin metadata, conditional file definitions, and class loading logic.

```
1 <?php
2 /**
3  * Plugin Name: WooCommerce
4  * Plugin URI: https://woocommerce.com/
5  * Description: An eCommerce toolkit that helps you sell anything. Beautifully.
6  * Version: 7.6.1
7  * Author: Automattic
8  * Author URI: https://woocommerce.com
9  * Text Domain: woocommerce
10 * Domain Path: /i18n/languages/
11 * Requires at least: 6.0
12 * Requires PHP: 7.2
13 *
14 * @package WooCommerce
15 */
16
17 defined( 'ABSPATH' ) || exit;
18
19 if ( ! defined( 'WC_PLUGIN_FILE' ) ) {
20     define( 'WC_PLUGIN_FILE', __FILE__ );
21 }
22
23 // Load core packages and the autoloader.
24 require __DIR__ . '/src/Autoloader.php';
25 require __DIR__ . '/src/Packages.php';
26
27 if ( ! \Automattic\WooCommerce\Autoloader::init() ) {
28     return;
29 }
30 \Automattic\WooCommerce\Packages::init();
31
32 // Include the main WooCommerce class.
33 if ( ! class_exists( 'WooCommerce', false ) ) {
34     include_once dirname( WC_PLUGIN_FILE ) . '/includes/class-woocommerce.php';
35 }
```

# VS Code

## Integración con GitHub



# VS Code







## Integración con GitHub

## Miles de extensiones







Extensions for Visual Studio Code

Search Visual Studio Code extensions

Featured

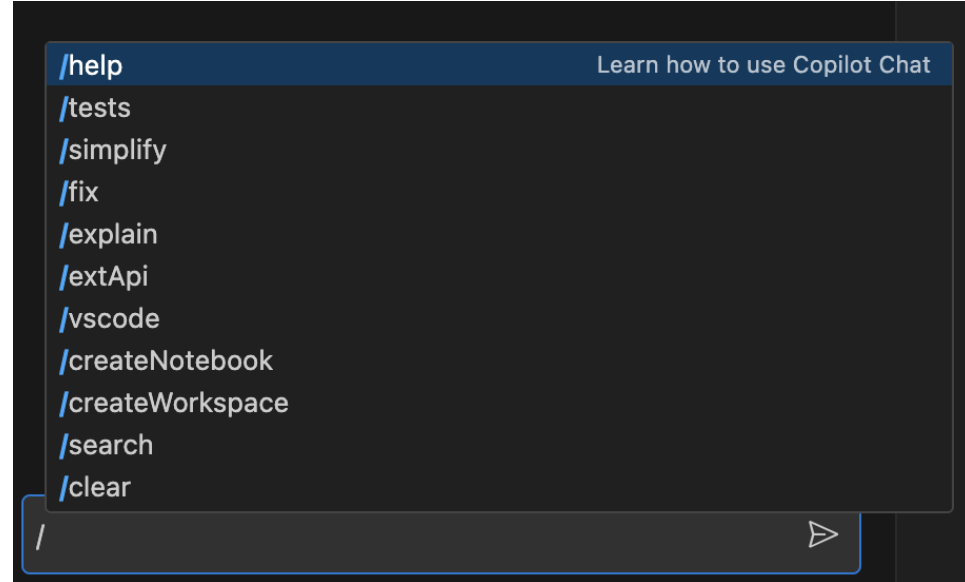
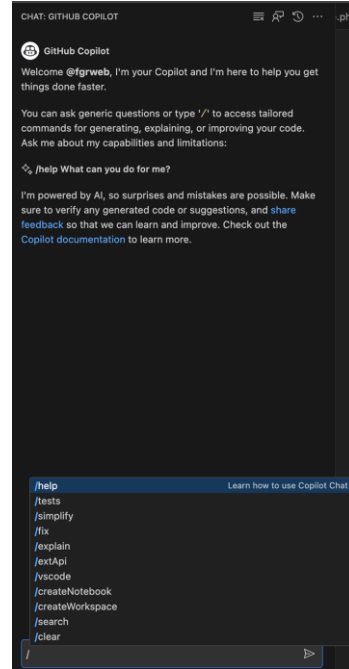
 <b>Version Lens</b> pflannery versionlens.net 1.4M ★★★★★ FREE	 <b>GitHub Actions</b> GitHub github.com 923K ★★★★★ FREE	 <b>Bicep</b> Microsoft microsoft.com 678K ★★★★★ FREE	 <b>Safurai - AI Assistant</b> Safurai safurai.com 26.2K ★★★★★ FREE	 <b>Continue - CodeLLaMA</b> Continue continue.dev 20.8K ★★★★★ FREE	 <b>TypeScript Explorer</b> mvs mvs.dev 5.4K ★★★★★ FREE
---	--	--	--	--	--

Trending this week ▾

 <b>Chat GPT</b> youssef farkhani 302 ★★★★★ FREE	 <b>Monitor Pro</b> Nexmoe 255 ★★★★★ FREE	 <b>Stimulus LSP</b> Marco Roth 158 ★★★★★ FREE	 <b>IntelliPHP - AI AutoCode</b> DEVSENSE devsense.com 356K ★★★★★ FREE TRIAL	 <b>WebAssembly DWARF</b> Microsoft microsoft.com 171 ★★★★★ FREE	 <b>JupyterHub</b> Microsoft microsoft.com 680 ★★★★★ FREE
--	--	--	---	---	--

# VS Code - Extensiones

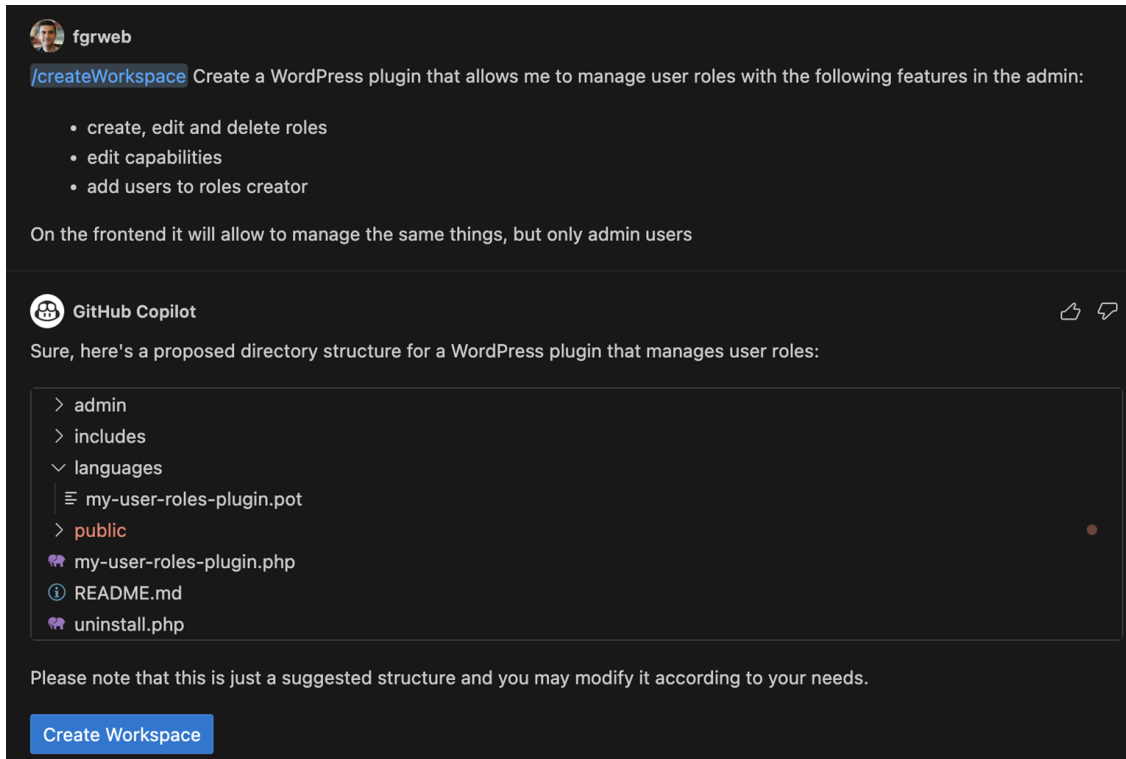
## GitHub Copilot






# VS Code - Extensiones

## GitHub Copilot




 fgrweb

[/createWorkspace](#) Create a WordPress plugin that allows me to manage user roles with the following features in the admin:

- create, edit and delete roles
- edit capabilities
- add users to roles creator

On the frontend it will allow to manage the same things, but only admin users

 GitHub Copilot 👍 ↩

Sure, here's a proposed directory structure for a WordPress plugin that manages user roles:

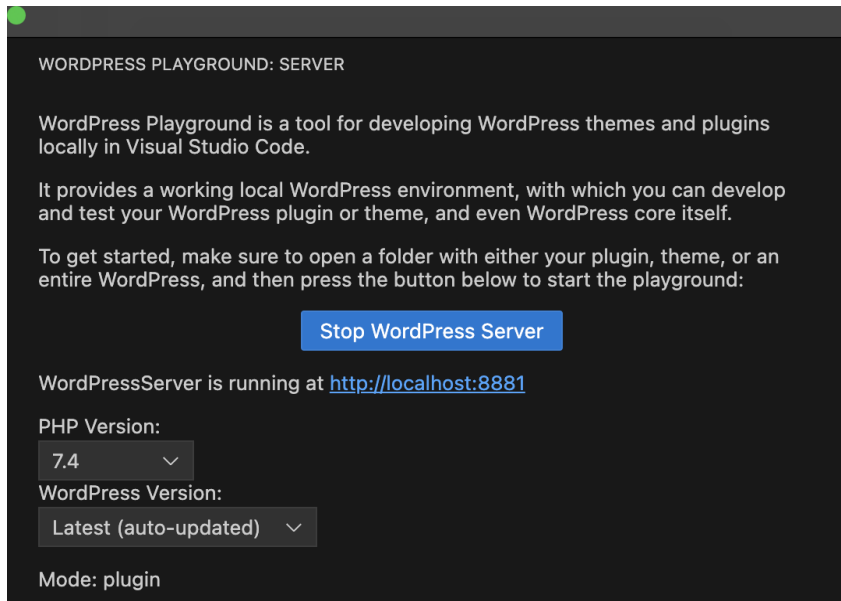
```
> admin
> includes
v languages
  ≡ my-user-roles-plugin.pot
> public
🔗 my-user-roles-plugin.php
📄 README.md
🔗 uninstall.php
```

Please note that this is just a suggested structure and you may modify it according to your needs.

[Create Workspace](#)

# VS Code - Extensiones

## WordPress Playground



WORDPRESS PLAYGROUND: SERVER

WordPress Playground is a tool for developing WordPress themes and plugins locally in Visual Studio Code.

It provides a working local WordPress environment, with which you can develop and test your WordPress plugin or theme, and even WordPress core itself.

To get started, make sure to open a folder with either your plugin, theme, or an entire WordPress, and then press the button below to start the playground:

[Stop WordPress Server](#)

WordPressServer is running at <http://localhost:8881>

PHP Version:  
7.4 ▾

WordPress Version:  
Latest (auto-updated) ▾

Mode: plugin

# VS Code - Extensiones

## Remote ssh



### Remote - SSH

Microsoft  [microsoft.com](https://microsoft.com) |  17,404,233 installs |  (164) | Free

Open any folder on a remote machine using SSH and take advantage of VS Code's full feature set.

Install

[Trouble Installing?](#) 

# VS Code - Extensiones

## WordPress Development ToolBox for Visual Code



### WordPress Development ToolBox for Visual Code

Closemarketing | 📄 16,644 installs | ★★★★★ (15) | Free

Functions and filter snippets to develop WordPress and Genesis for Visual Studio

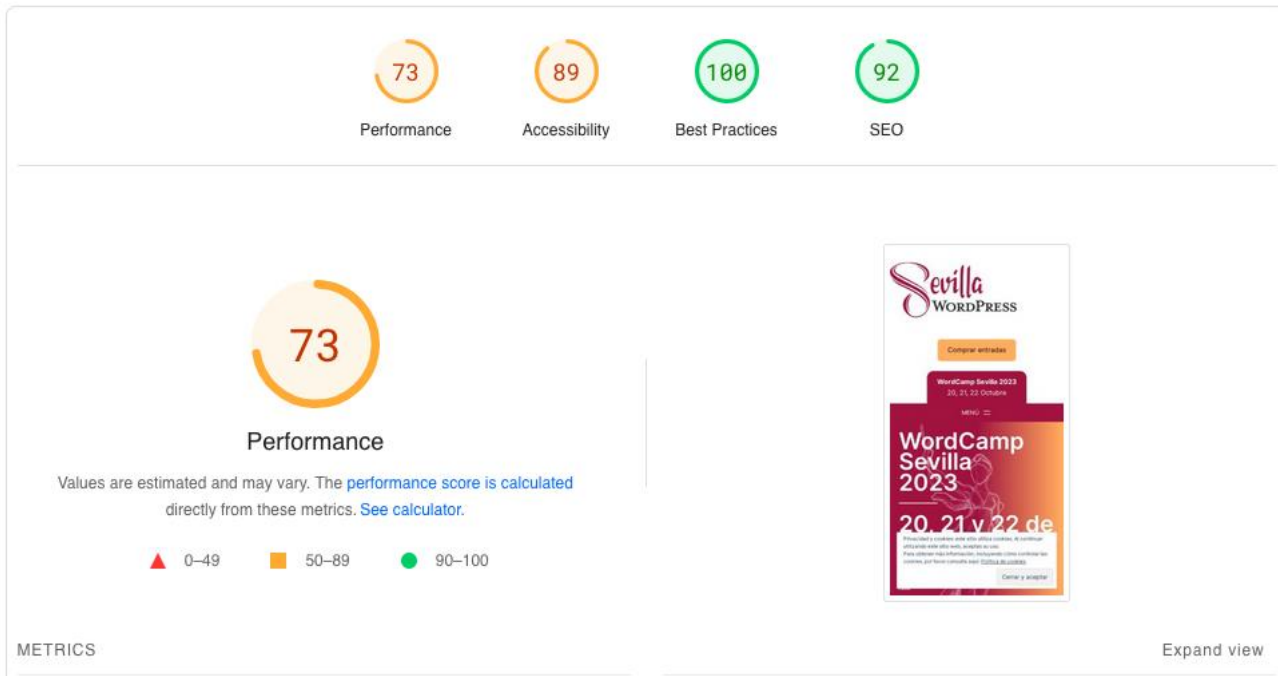
Install

[Trouble Installing?](#)

# WPO

# WPO

## PageSpeed Insights - [pagespeed.web.dev](https://pagespeed.web.dev)




# WPO

## Pingdom Tools - [tools.pingdom.com](https://tools.pingdom.com)

URL  Test from

**The internet is fragile.** Be the first to know when your site is in danger.



### Your Results:



Performance grade

**C 73**

Page size

**2.0 MB**

Load time

**2.63 s**

Requests

**94**

# WPO

GTmetrix - [gtmetrix.com](https://gtmetrix.com)



## Latest Performance Report for: <https://sevilla.wordcamp.org/2023>

Share 

Report generated: Tue, Oct 10, 2023 8:15 AM -0700

Test Server Location:  Vancouver, Canada

Using:  Chrome (Desktop) 103.0.5060.134, Lighthouse 9.6.4

### GTmetrix Grade <sup>?</sup>

<b>A</b>	Performance <sup>?</sup> <b>94%</b>	Structure <sup>?</sup> <b>95%</b>
----------	--	--------------------------------------

### Web Vitals <sup>?</sup>

LCP <sup>?</sup> <b>1.4s</b>	TBT <sup>?</sup> <b>47ms</b>	CLS <sup>?</sup> <b>0.02</b>
---------------------------------	---------------------------------	---------------------------------



**¡Muchas gracias!**