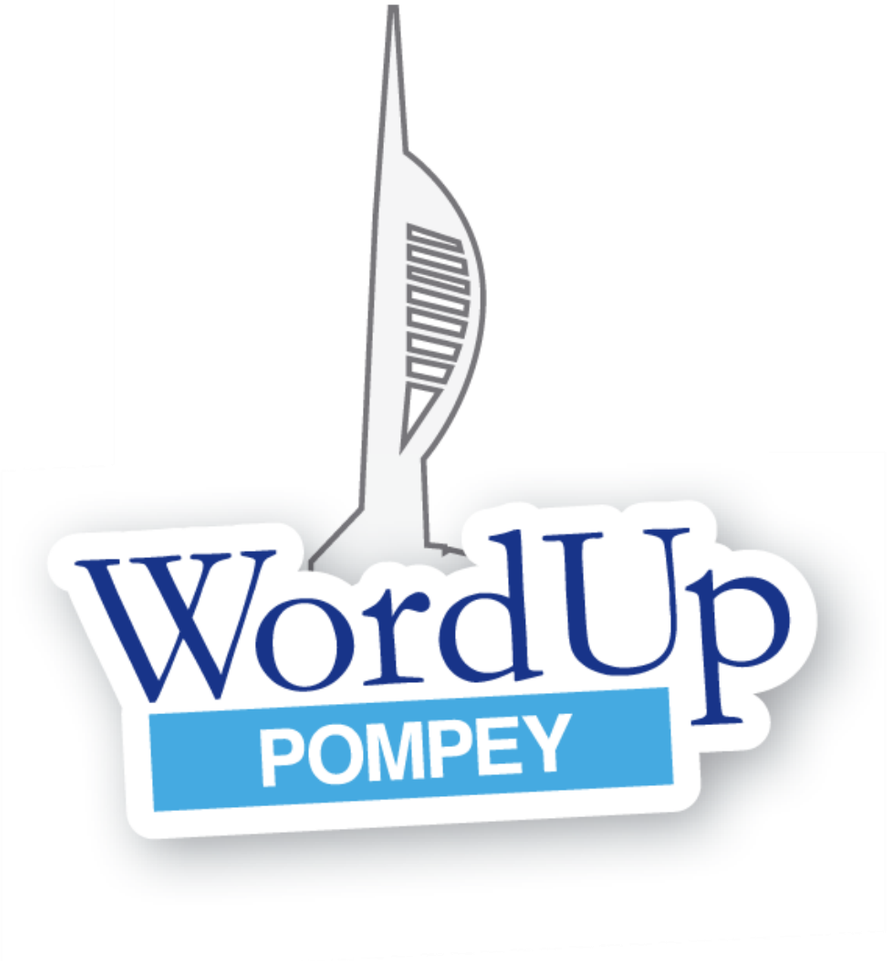


Welcome to WordUp Pompey!

19th July 2023

@wppompey

#WPPompey
#OnlineWPMeetup

UK Slack: #meetup-portsmouth

https://www.wp-pompey.org.uk/

/about-wordpress-meetups/code-of-conduct/

Agenda

19:00 - Connect to Zoom.
19:10 - Organiser's introduction
19:15 - Advanced Custom Fields (ACF) PRO - 101
20:00 - Q & A
20:15 - Wrap-up
20:30 - Close – can we stick to 1.5 hours?

Sponsors

Venue sponsor

redIT
@reditcouk

Scott McKeown says

I'll offer a 25% discount on Web Hosting or Virtual Servers to WordUp Pompey! members entering ‘wordup’ at checkout

(that's for life by the way, not once)

Pizza / refreshment sponsor

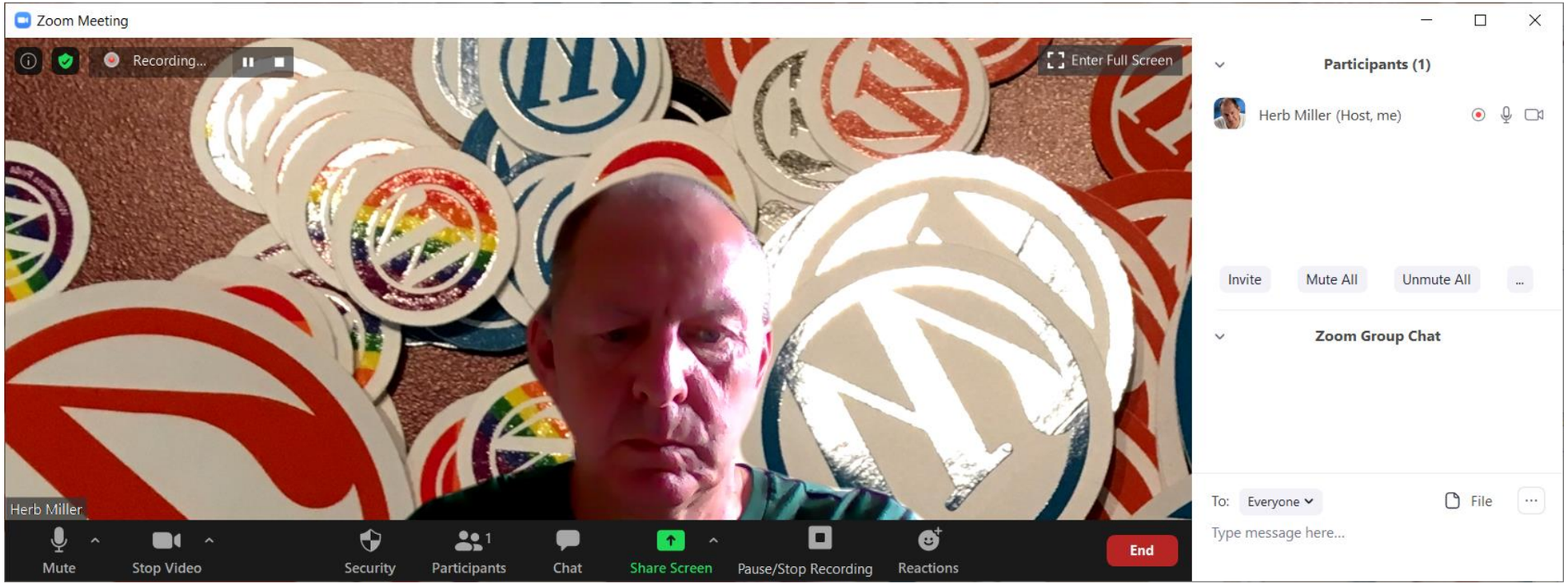
34SP
@34sp

Manchester, UK based website hosting.

Free 3 month trial of WordPress hosting.
Use code: WPPOMPEY

Zoom being recorded

If you do not want to appear in the recording you may turn off your video.
The meeting settings should *Hide non-video participants*.
Also consider muting your microphone and changing your name.



Note: Meetings which have been recorded are published, after some editing /cropping, on YouTube in the wppompey channel…
https://www.youtube.com/channel/UCNyGdMrd6sFkWjsSenxd8Hg

Advanced Custom Fields (ACF) PRO - 101

Advanced Custom Fields (ACF) turns WordPress sites into a fully-fledged content management system by giving you all the tools to do more with your data.
Use the ACF plugin to take full control of your WordPress edit screens, custom field data, and more.

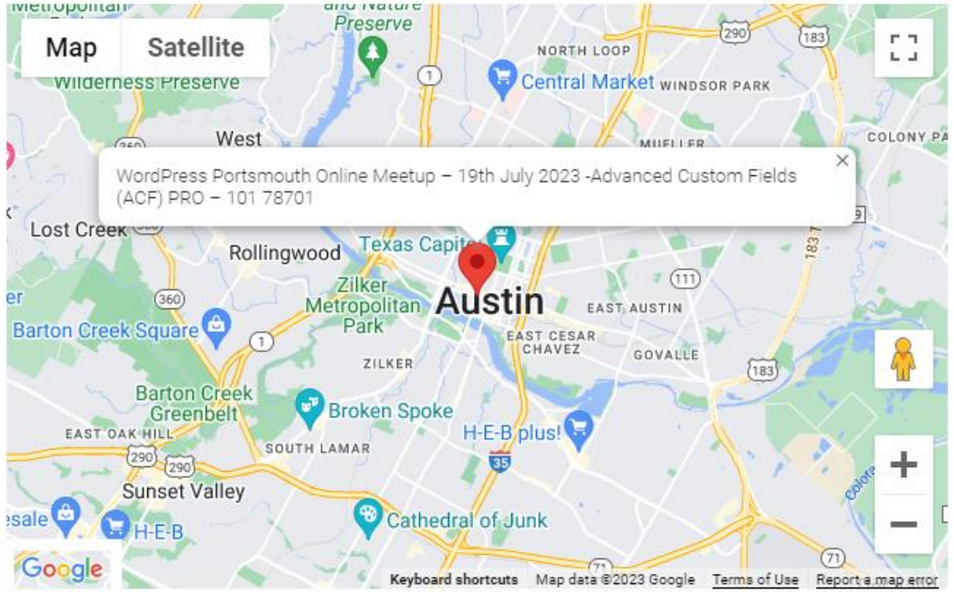
Supercharge your website with Premium Features. ACF PRO includes extra fields & features to better develop websites including PHP Blocks, Repeatable Fields, Page Building tools, Media Galleries and Custom Options Pages.

FREE: https://wordpress.org/plugins/advanced-custom-fields/
https://www.advancedcustomfields.com/
https://github.com/AdvancedCustomFields/acf

Premium: https://www.advancedcustomfields.com/pro/

Custom Fields - Examples

Date: July 19, 2023
Start time: 7:00 pm
Meetup: www.meetup.com/portsmouth-wordpress-meetup/events/294638318/
Google map:



Address: 504 Lavaca St Ste 1000, Austin, Texas, 78701, United States
Post Code: 78701
Latitude: 30.268093
Longitude: -97.7461949

Date field
Time field
URL
Google Maps map

Text field
Text field
Number field
Number field

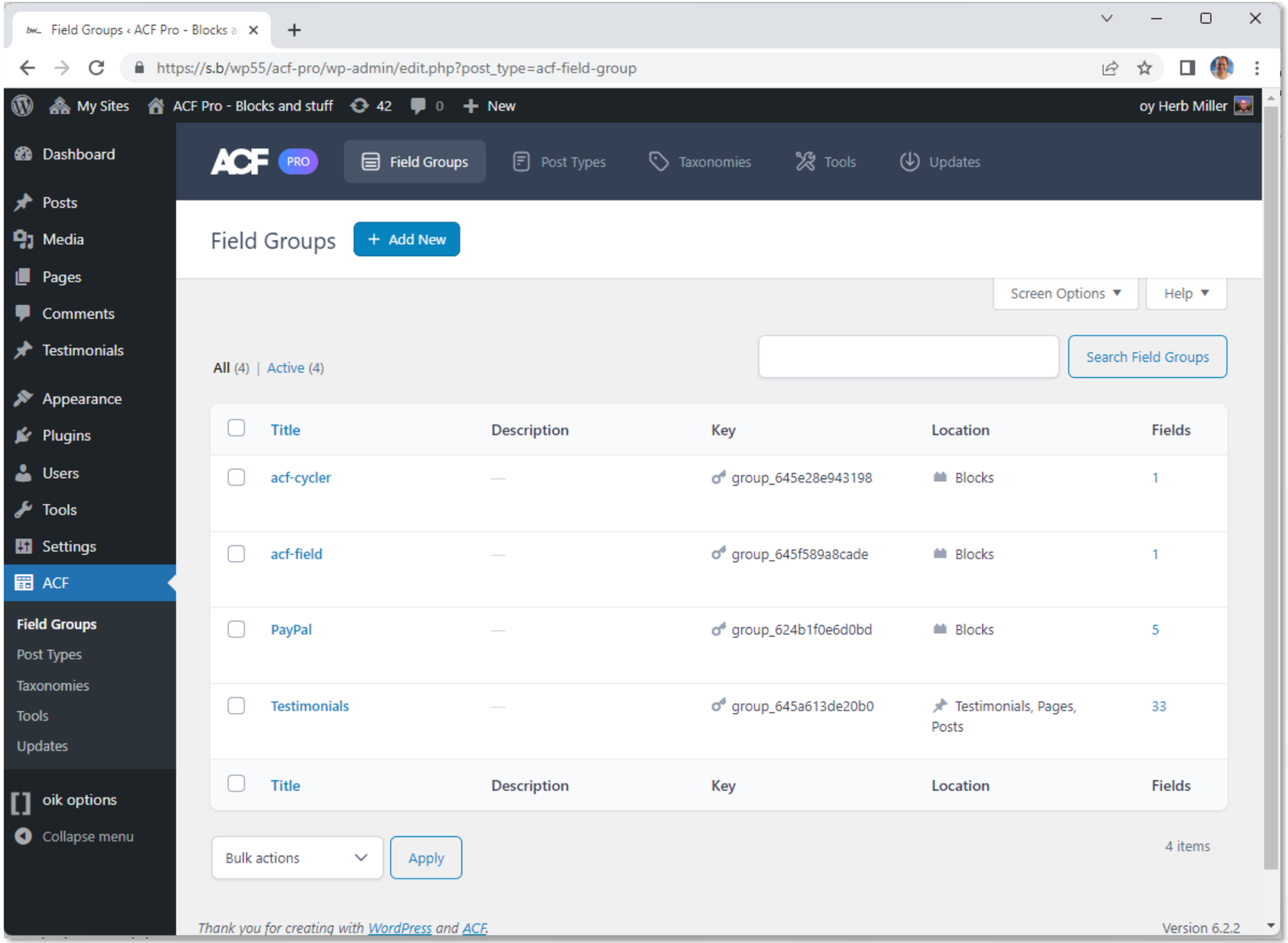
https://www.wp-pompey.org.uk/meetup/wordpress-portsmouth-online-meetup-19th-july-2023-advanced-custom-fields-acf-pro-101/

ACF – Field groups and fields

Advanced Custom Fields is a WordPress plugin which allows you to add extra content fields to your WordPress edit screens. These extra content fields are more commonly referred to as Custom Fields and can allow you to build websites faster and educate your clients quicker.

Field groups are used to organize fields and attach them to edit screens.

Each field group contains a title, fields, location rules and visual settings.



ACF vs ACF PRO

Functionality	ACF	ACF PRO
Field groups	Y	Y
Field types	Y	Y
CPT's & taxonomies	Y	Y
Flexible Content Field		Y
Repeater Field		Y
Clone Field		Y
Gallery Field		Y
ACF Blocks		Y
Options Page(s)		Y
Local JSON	Y	Y
Tools – Export	Y	Y
Tools – Import	Y	Y
Front end forms	Y	Y
etcetera	Y	Y

The Advanced Custom Fields plugin is also available in a professional version which includes more fields, more functionality, and more flexibility. The ACF PRO plugin features:

1. Define, create, and manage content with the **Flexible Content** Field, which provides for multiple layout and sub field options.

2. The **Repeater** Field allows you to create a set of sub fields which can be repeated, again, and again, and again.

3. Unlock a more efficient workflow for managing field settings by reusing existing fields and field groups on demand with the **Clone Field**.

4. Build fully customisable image galleries with the **Gallery Field**.

5. **ACF Blocks**, a powerful PHP-based framework for developing custom block types for the WordPress Block Editor (aka Gutenberg).

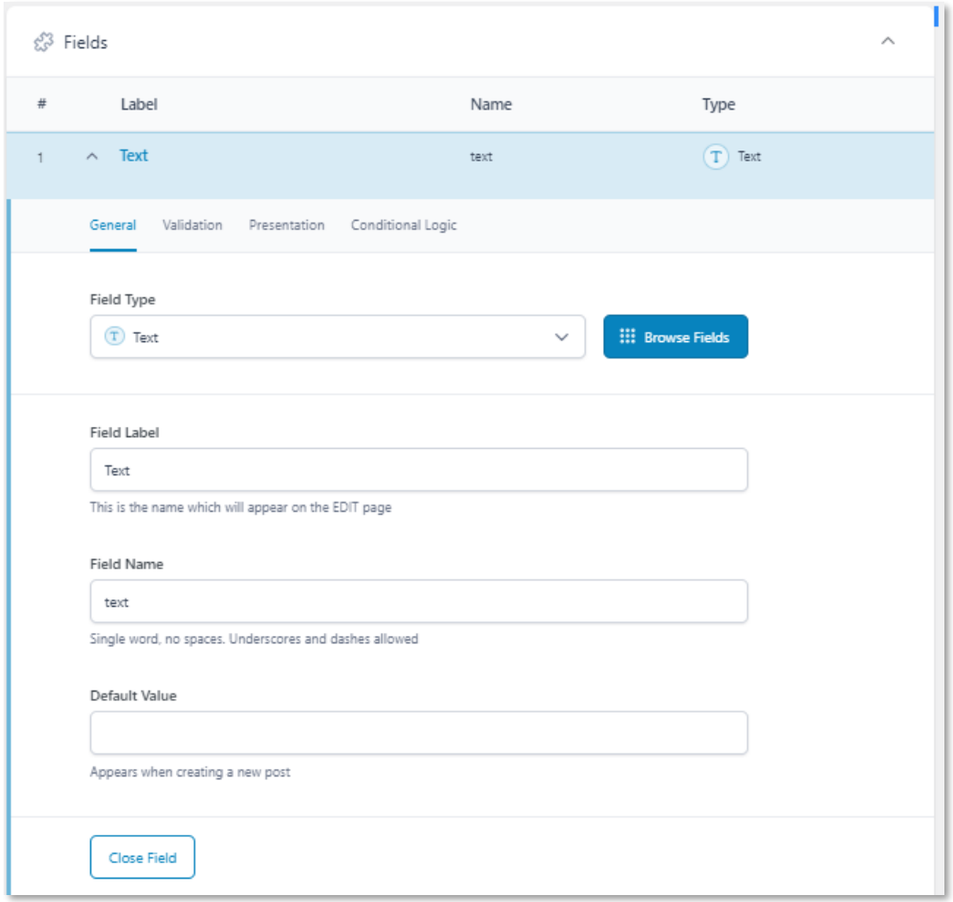
6. Use the **Options Page** feature to add custom admin pages to edit ACF fields.

ACF – Field group: Fields

Title	Description	Key	Location	Fields
Field Group 101 Edit | Duplicate | Deactivate | Bin	Field Group 101 - a very simple field group for adding a Text field to a post.	group_64a696e5edcf0	Posts	1
Title	Description	Key	Location	Fields

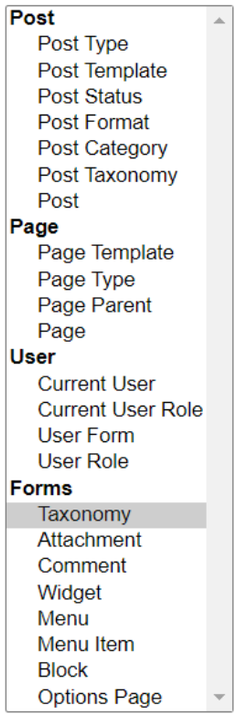
Field Group 101 is attached to Posts

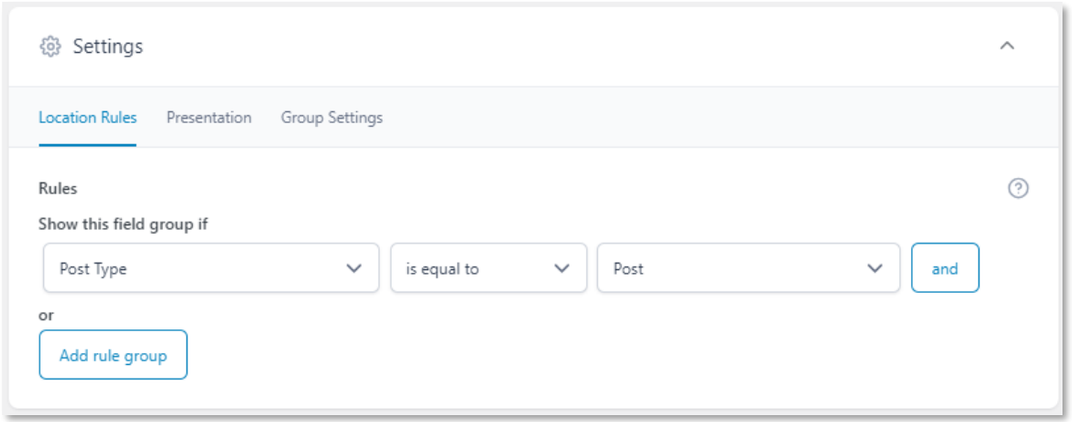
It contains a field of type Text, called `text`, with a label of Text.



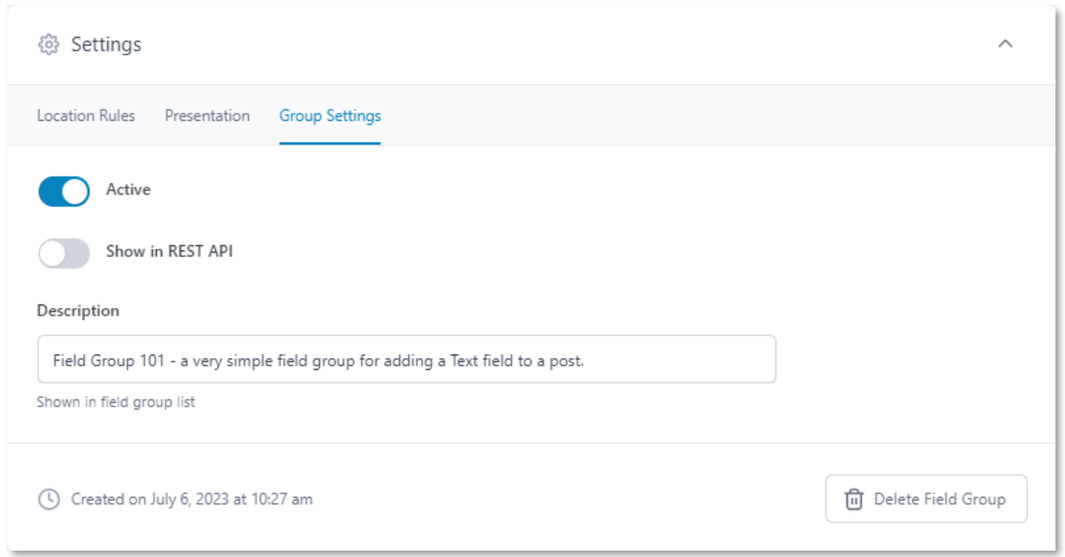
ACF – Field group: Settings

Location Rules – when to display the field group

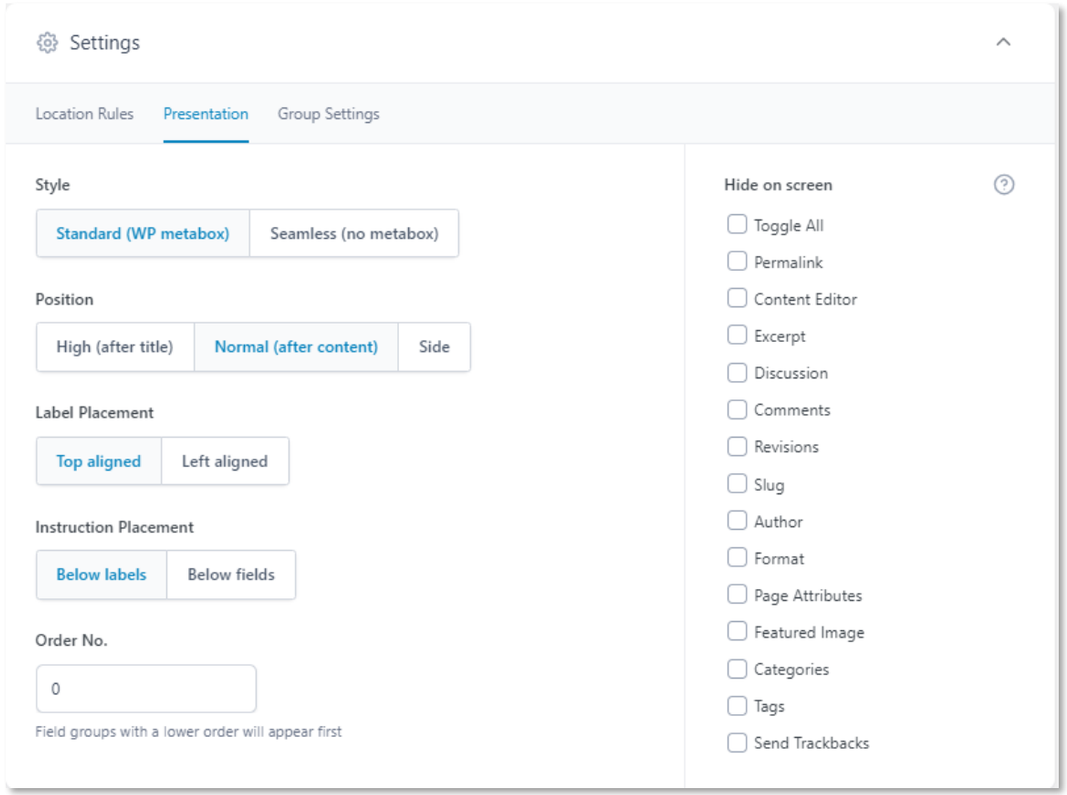




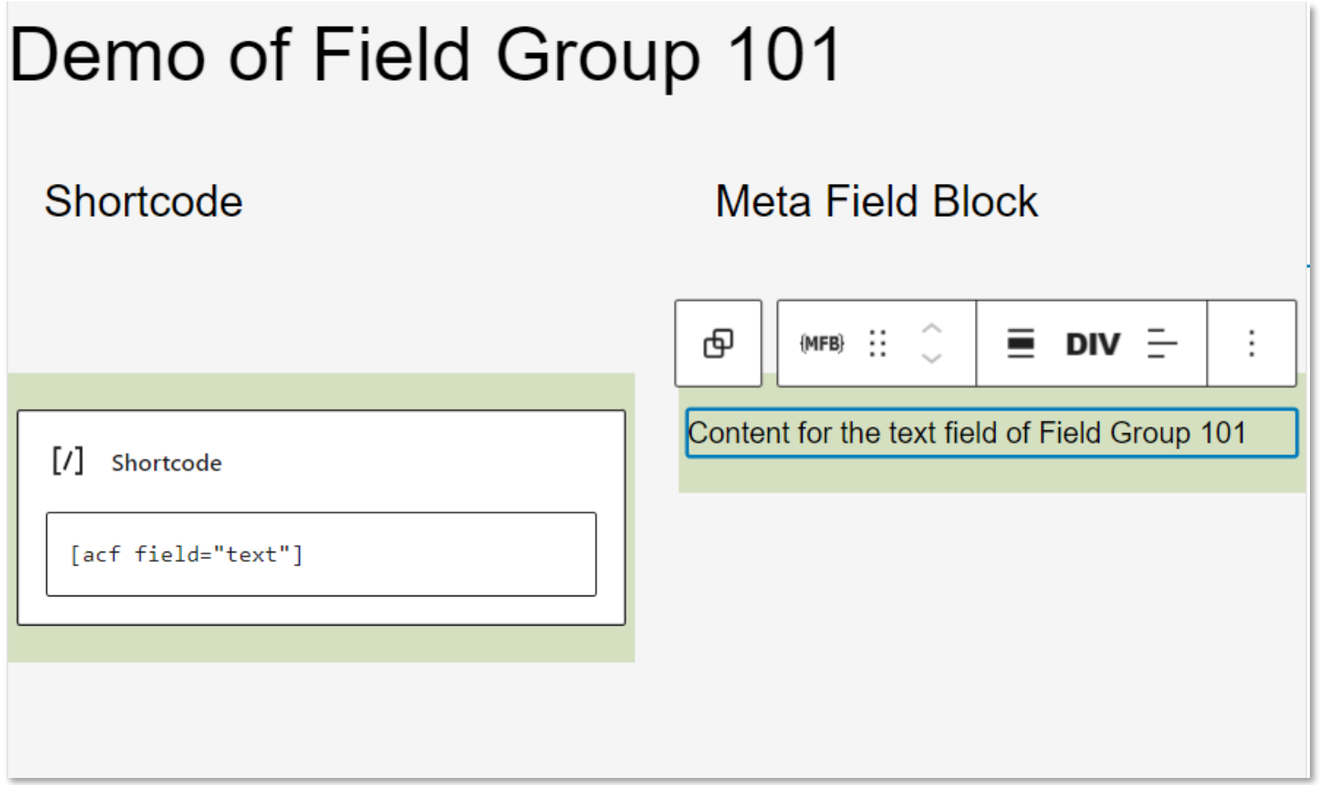
Group Settings



Presentation – How it appears in the editor



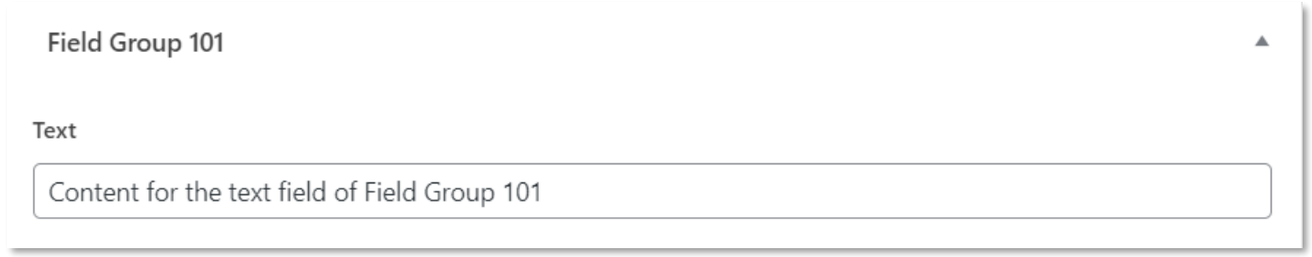
ACF – Field group: Meta box



No code display of an ACF field

Shortcode:
`[acf field="field name"]`

Meta Field Block plugin:
https://wordpress.org/plugins/display-a-meta-field-as-block/



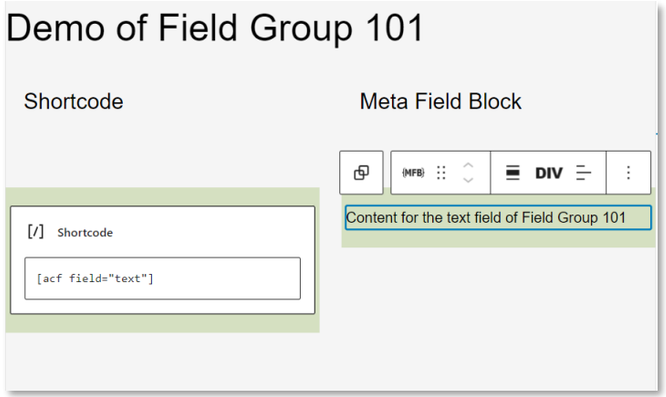
Field Group 101 in the block editor

Style: Standard (WP metabox)
Position: Normal (after content)

ACF – Field: Front end display

Front end

Block editor



ACF – Post Types

Add New Post Type

Save Changes

Plural Label *

Testimonials

Singular Label *

Testimonial

Post Type Key *

testimonial

Lower case letters, underscores and dashes only, Max 20 characters.

Taxonomies

Select

Select existing taxonomies to classify items of the post type.

Public

Visible on the frontend and in the admin dashboard.

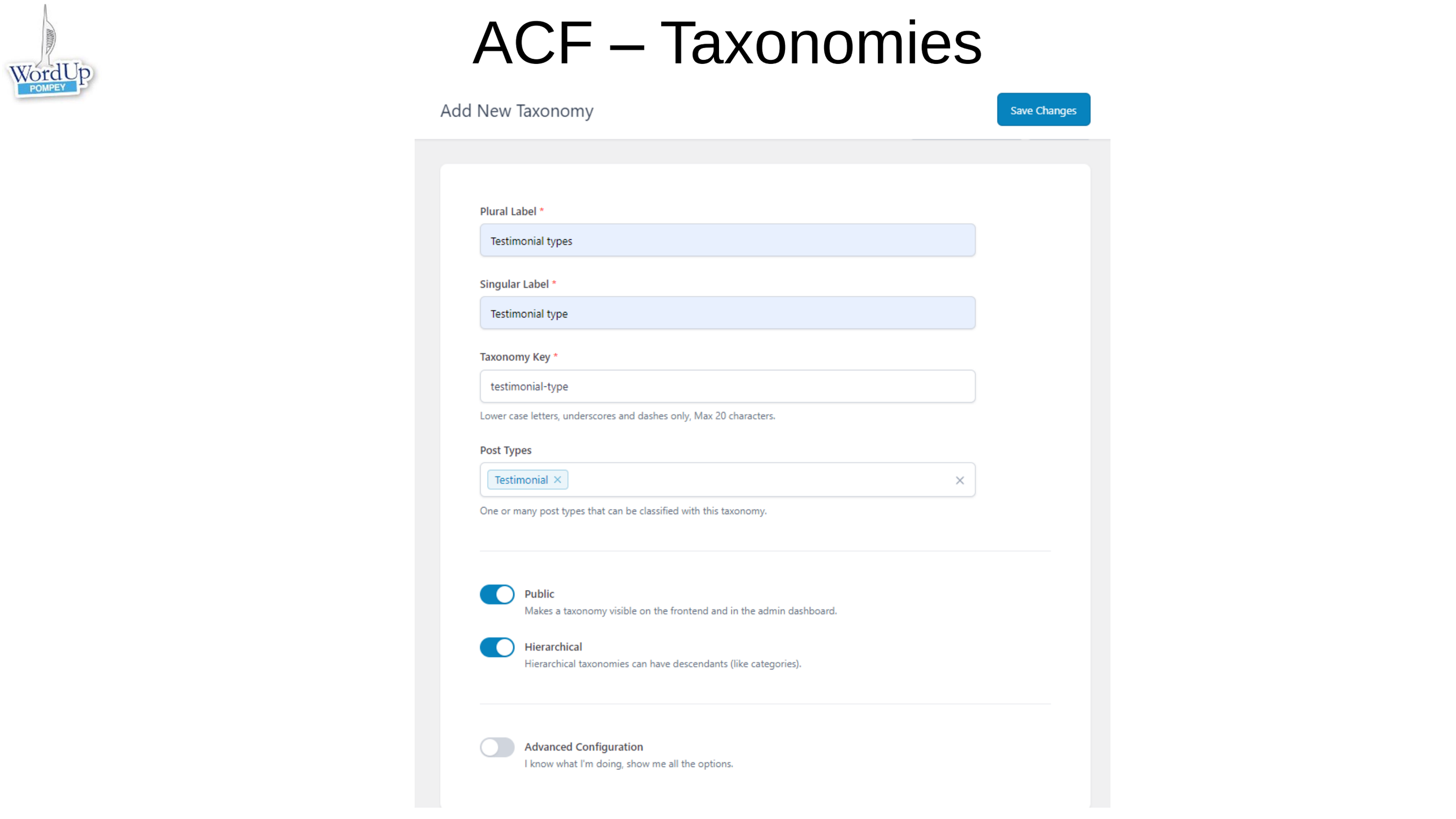
Hierarchical

Hierarchical post types can have descendants (like pages).

Advanced Configuration

I know what I'm doing, show me all the options.

ACF – Taxonomies



ACF vs ACF PRO – field types

Field category	Field type	ACF	ACF PRO
Basic	Text, Text Area, Number, Range, Email, URL, Password	✓	✓
Content	Image, File, WYSIWYG Editor, oEmbed	✓	✓
	Gallery	✗	✓
Choice	Select, Checkbox, Radio Button, Button Group, True / False	✓	✓
Relational	Link, Post Object, Page Link, Relationship, Taxonomy, User	✓	✓
Advanced	Google Map, Date Picker, Date Time Picker, Time Picker, Color Picker	✓	✓
Layout	Message, Accordion, Tab	✓	✓
	Group	✓	✓
	Clone	✗	✓
	Flexible Content	✗	✓
	Repeater	✗	✓

ACF (PRO) – No code display

Show them everywhere!
Load and display your custom field values in any theme template file with our hassle free **developer friendly** functions!

What if you're not a developer?

Field category	Field type	ACF	ACF PRO	No code display?
Basic	Text, Text Area, Number, Range, Email, URL, Password	✓	✓	[] M V A
Content	Image, File, WYSIWYG Editor, oEmbed	✓	✓	M V A
	Gallery	×	✓	V A
Choice	Select, Checkbox, Radio Button, Button Group, True / False	✓	✓	M V
Relational	Link, Post Object, Page Link, Relationship, Taxonomy, User	✓	✓	M V A
Advanced	Google Map, Date Picker, Date Time Picker, Time Picker, Color Picker	✓	✓	V A
Layout	Message, Accordion, Tab	✓	✓	V
	Group	✓	✓	V A
	Clone	×	✓	A
	Flexible Content	×	✓	A
	Repeater	×	✓	V A

[] acf shortcode
- `[acf field="field_name" post_id=123]`
- Only works for simple text based values

Meta Field Block
- Supports all basic field types that return strings or cast to strings.
- Some complex field types like image, link, page link, post object, relationship, taxonomy, and user are also supported in a basic format.
- *Doesn't* require ACF PRO

https://wordpress.org/plugins/display-a-meta-field-as-block/

ACF **V**iews
- `[acf_views view-id="123"]`
- Allows you to display selected ACF fields or Posts anywhere using shortcodes, HTML markup is automatically created by the plugin.

https://wordpress.org/plugins/acf-views/

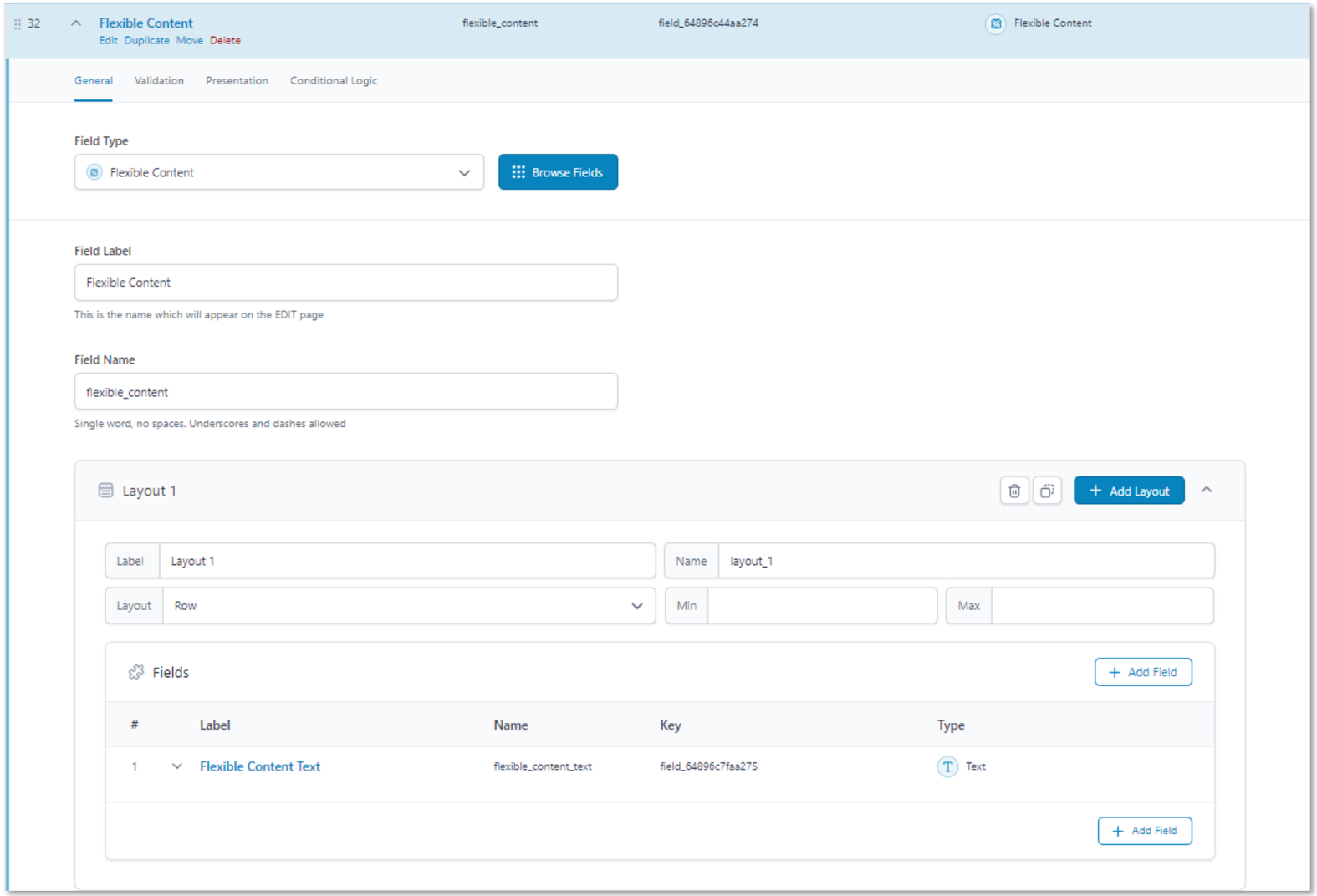
ACF Field block
- One block for **all** field types
- Requires ACF PRO

https://github.com/bobbingwide/acf-field-block

ACF PRO – Flexible Content Field

The Flexible Content field provides a simple, structured, block-based editor.

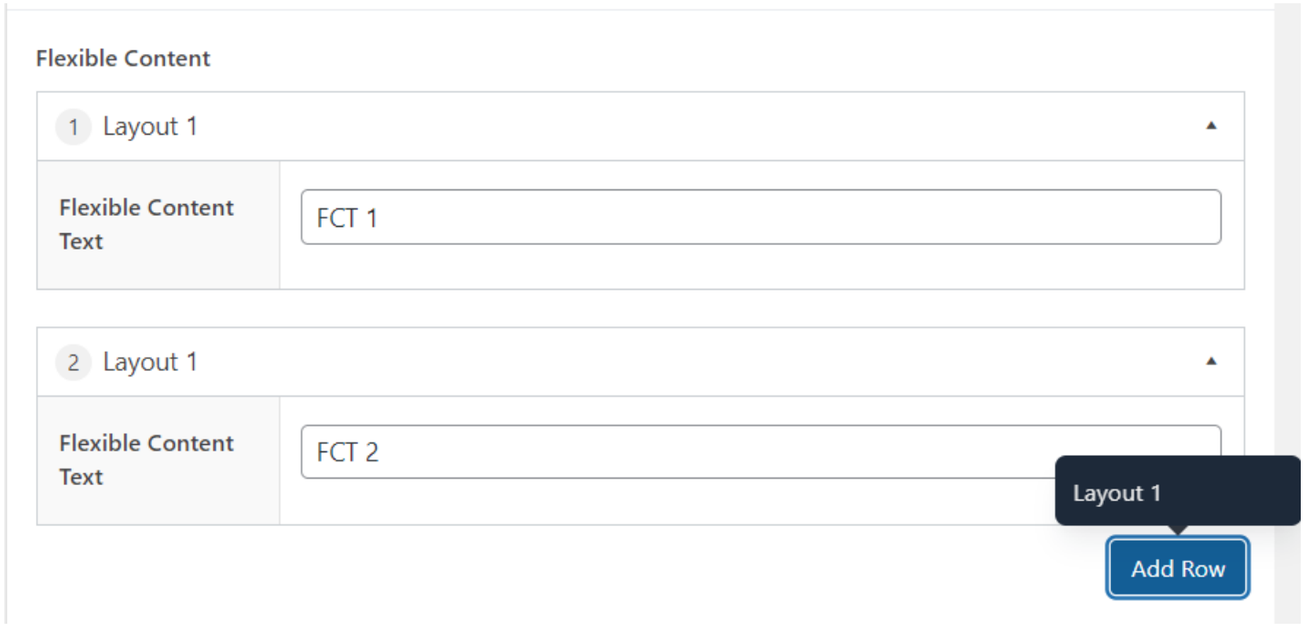
Using layouts and sub fields to design the available blocks, this field type acts as a blank canvas to which you can define, create and manage content with total control.



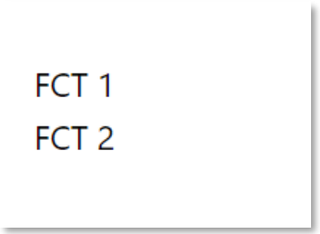
https://www.advancedcustomfields.com/resources/flexible-content/
https://www.advancedcustomfields.com/resources/building-layouts-with-the-flexible-content-field-in-a-theme/

ACF PRO – Flexible Content Field contd.

Metabox



Front end



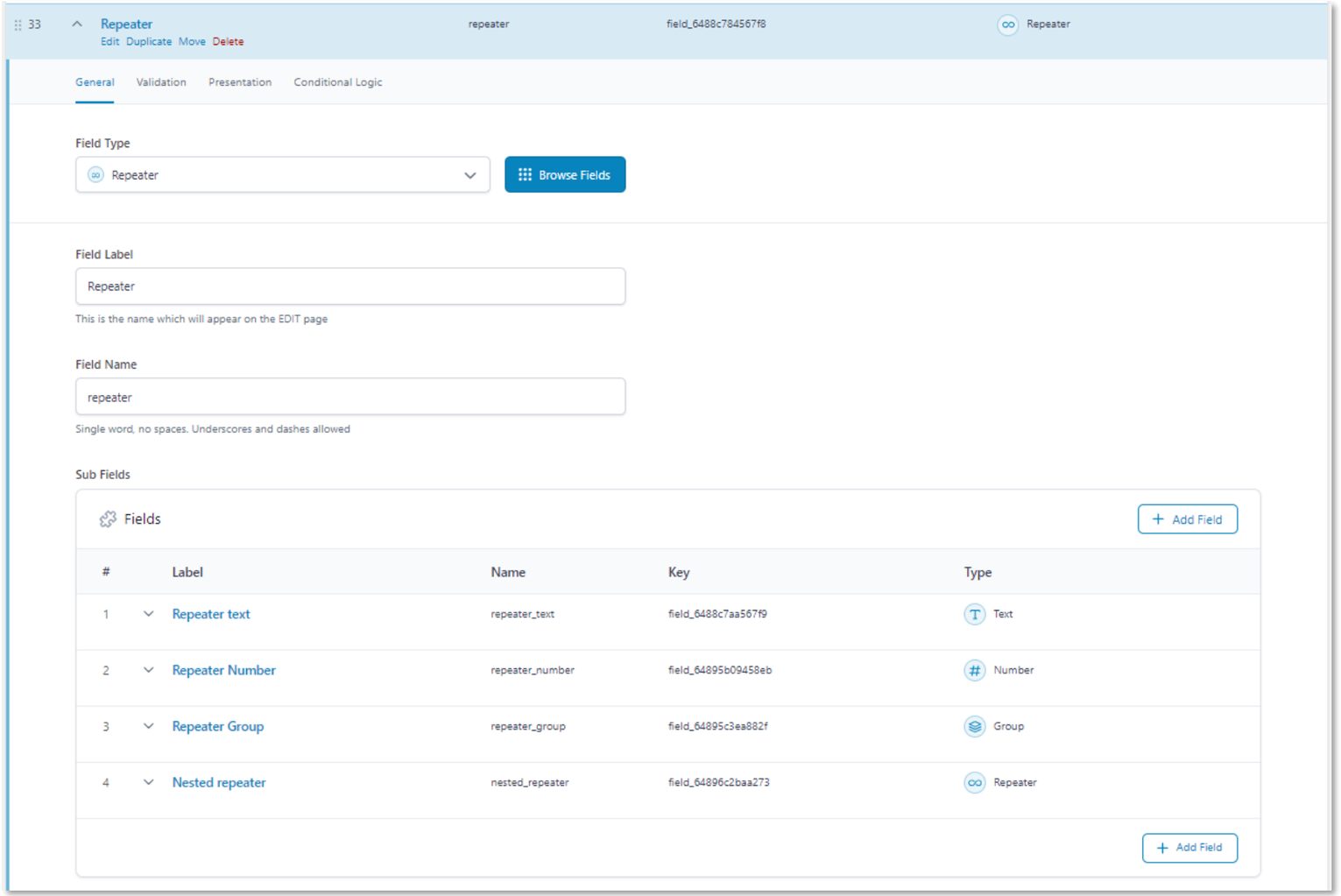
https://www.advancedcustomfields.com/resources/flexible-content/
https://www.advancedcustomfields.com/resources/building-layouts-with-the-flexible-content-field-in-a-theme/

ACF PRO – Repeater Field

The Repeater field provides a neat solution for repeating content – think slides, team members, CTA tiles and alike.

This field type acts as a parent to a set of sub fields which can be repeated again and again. What makes this field type so special is its versatility.

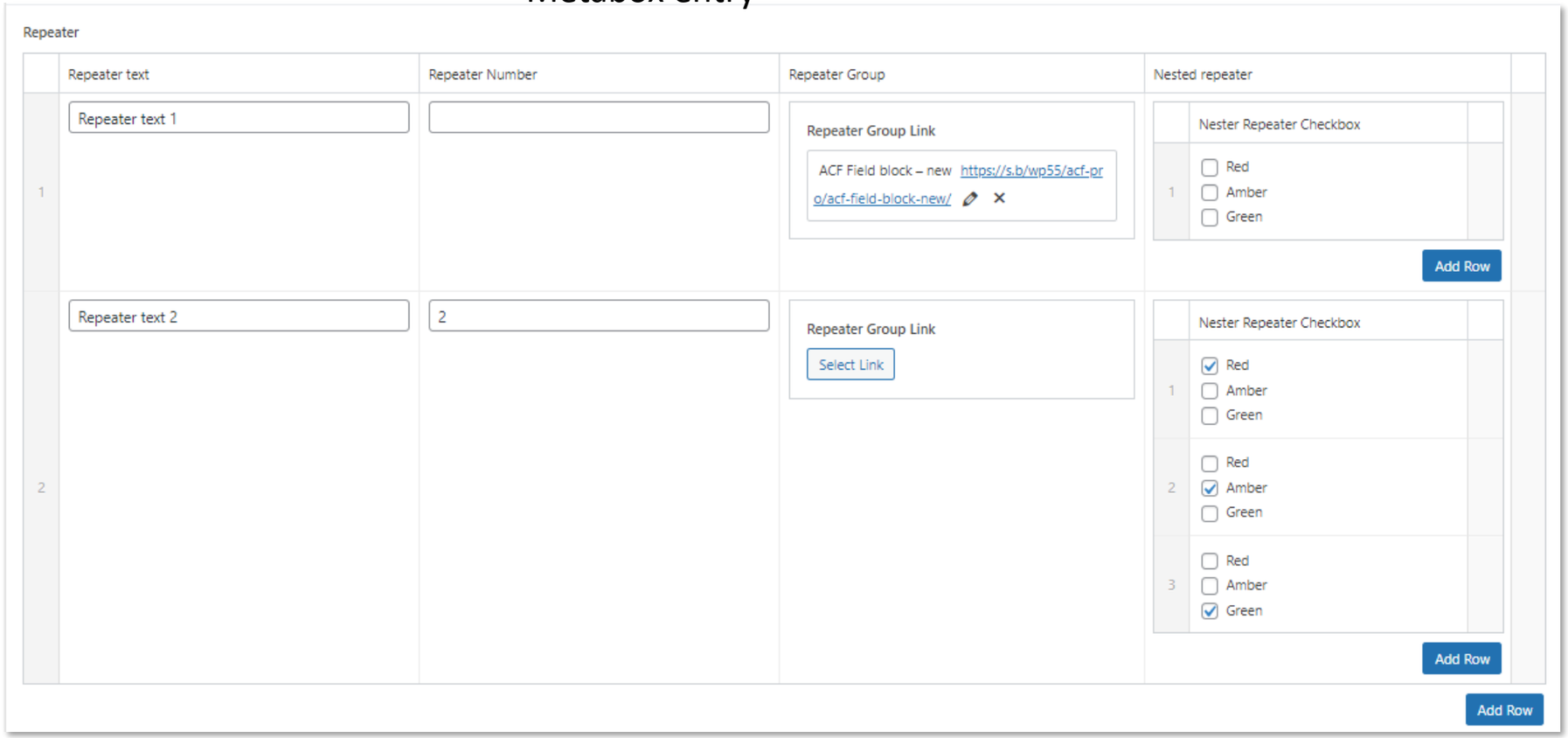
Any kind of field can be used within a Repeater, and there are no limits to the number of repeats either (unless defined in the field settings).



https://www.advancedcustomfields.com/resources/repeater/
https://www.advancedcustomfields.com/resources/how-to-use-the-repeater-field/

ACF PRO – Repeater Field contd.

Metabox entry



Front end

- Repeater text 1
  ACF Field block – new
  -
- Repeater text 2
  2
  - Red
  - Amber
  - Green

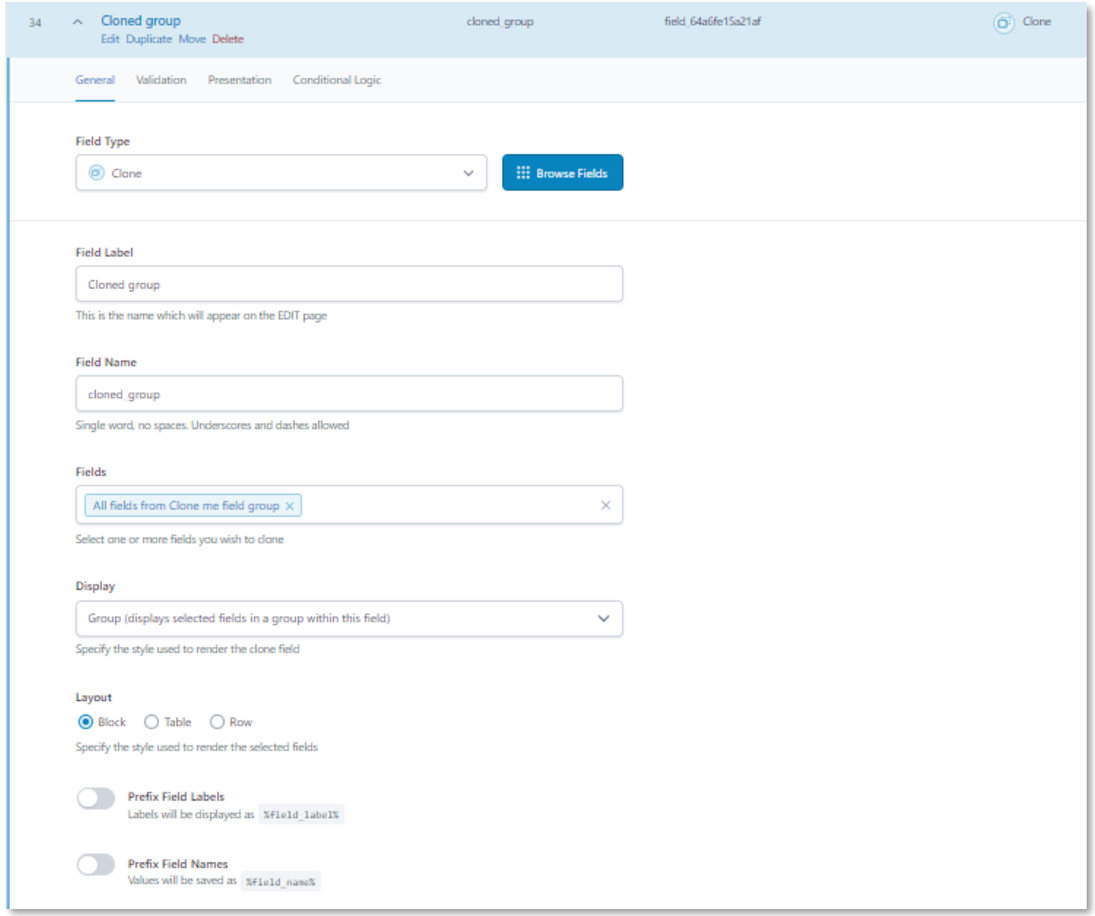
https://www.advancedcustomfields.com/resources/repeater/
https://www.advancedcustomfields.com/resources/how-to-use-the-repeater-field/

ACF PRO – Clone Field

The clone field allows you to select and display existing fields. It does not duplicate any fields in the DB, instead, it loads and displays the selected fields at run-time.

You may also select one (or more) field groups making it possible to load in ‘module’ groups.

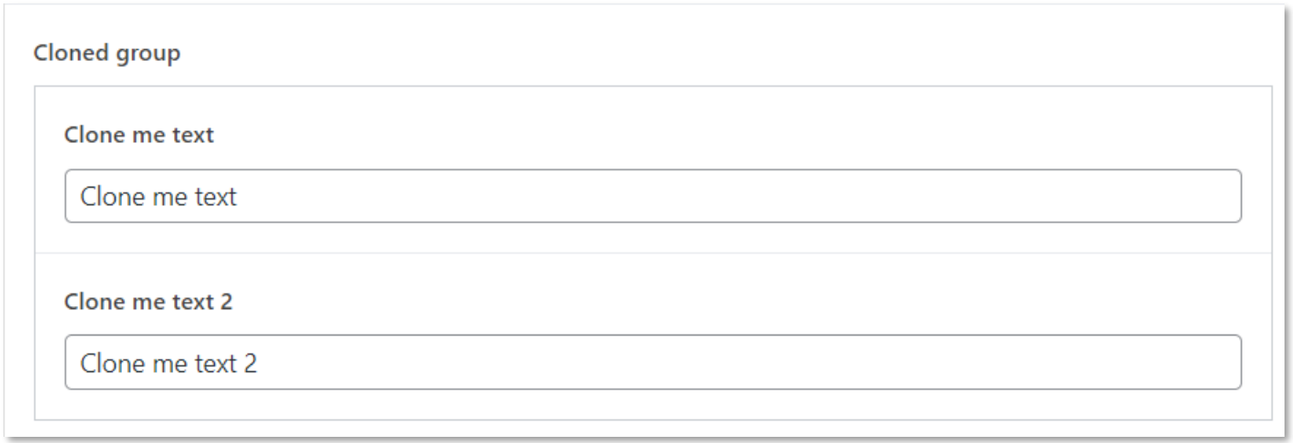
The clone field may be used in one of two ways. It can replace itself with the selected fields (seamless) or display the selected fields as a group of sub fields.



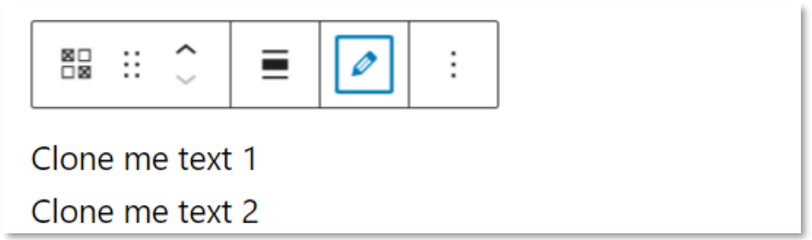
https://www.advancedcustomfields.com/resources/clone/
https://www.advancedcustomfields.com/resources/how-to-use-the-clone-field/

ACF PRO – Clone Field contd.

Metabox entry



Block editor – ACF field block

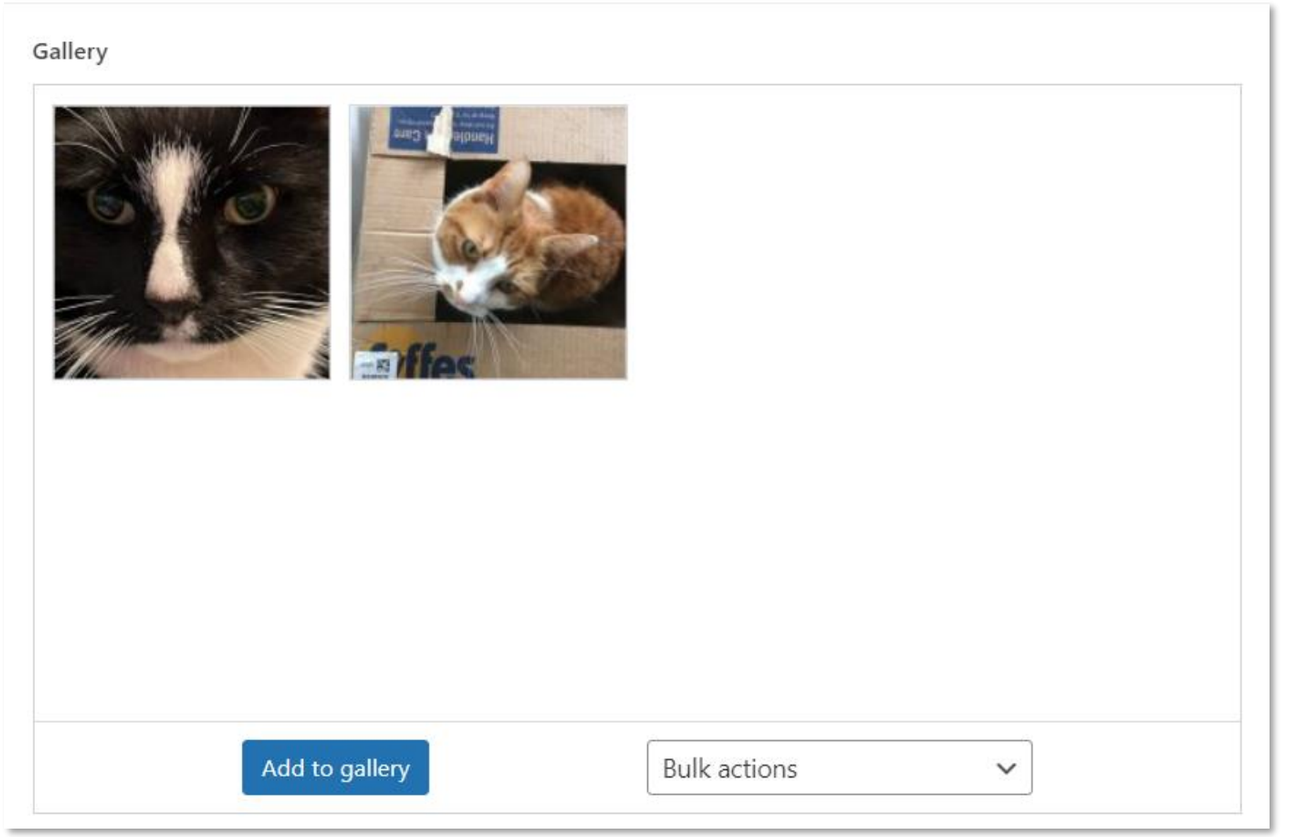


https://www.advancedcustomfields.com/resources/clone/
https://www.advancedcustomfields.com/resources/how-to-use-the-clone-field/

ACF PRO – Gallery Field

The Gallery field provides an interactive interface for managing a collection of attachments.

Metabox

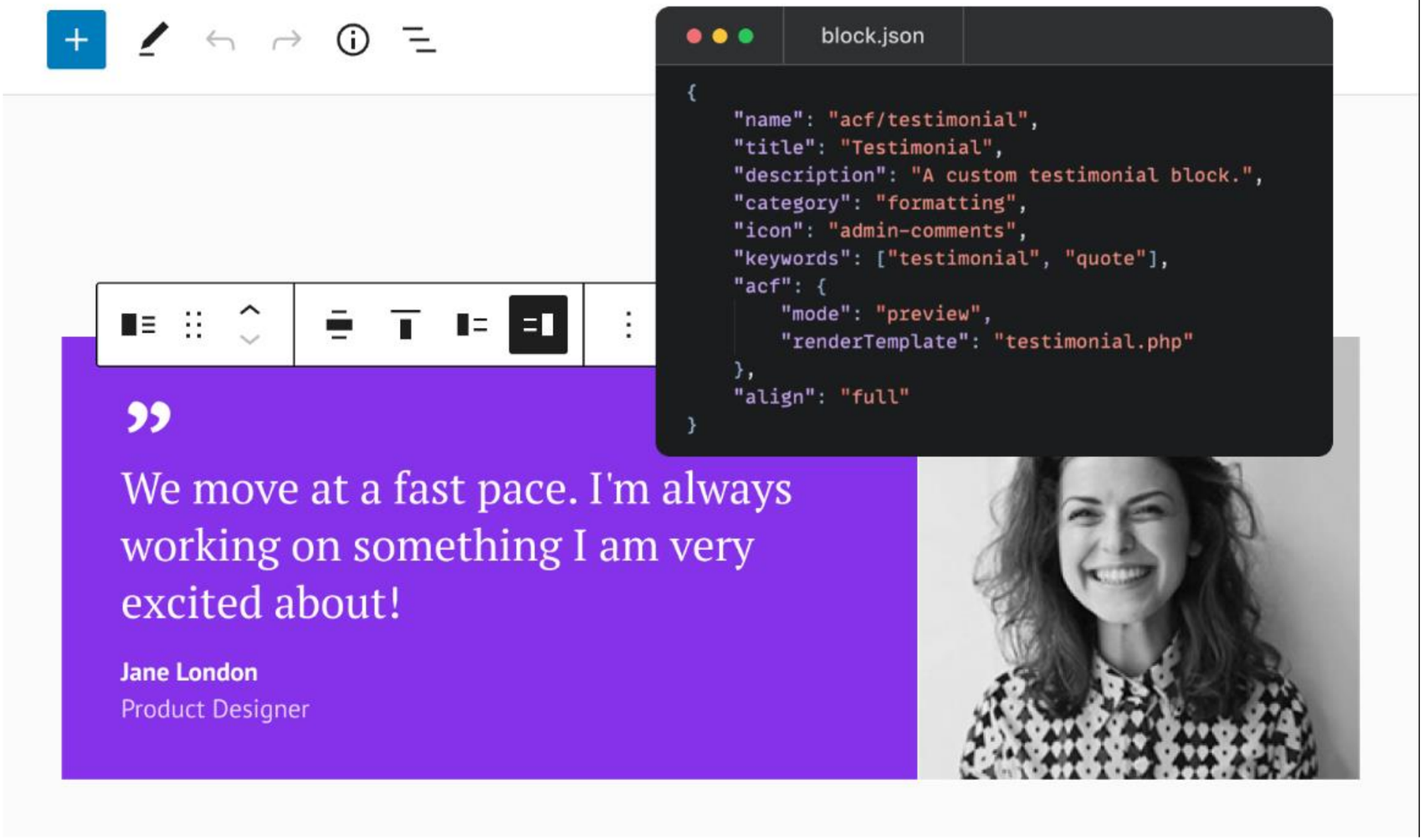


https://www.advancedcustomfields.com/resources/gallery/
https://www.advancedcustomfields.com/resources/how-to-use-the-gallery-field/

ACF PRO – ACF Blocks

Discover a powerful PHP-based framework for developing custom block types.

ACF blocks are highly customisable and powerfully dynamic. They integrate deeply with custom fields allowing PHP developers to create bespoke solutions inline with the modern WordPress block editor and theme development.



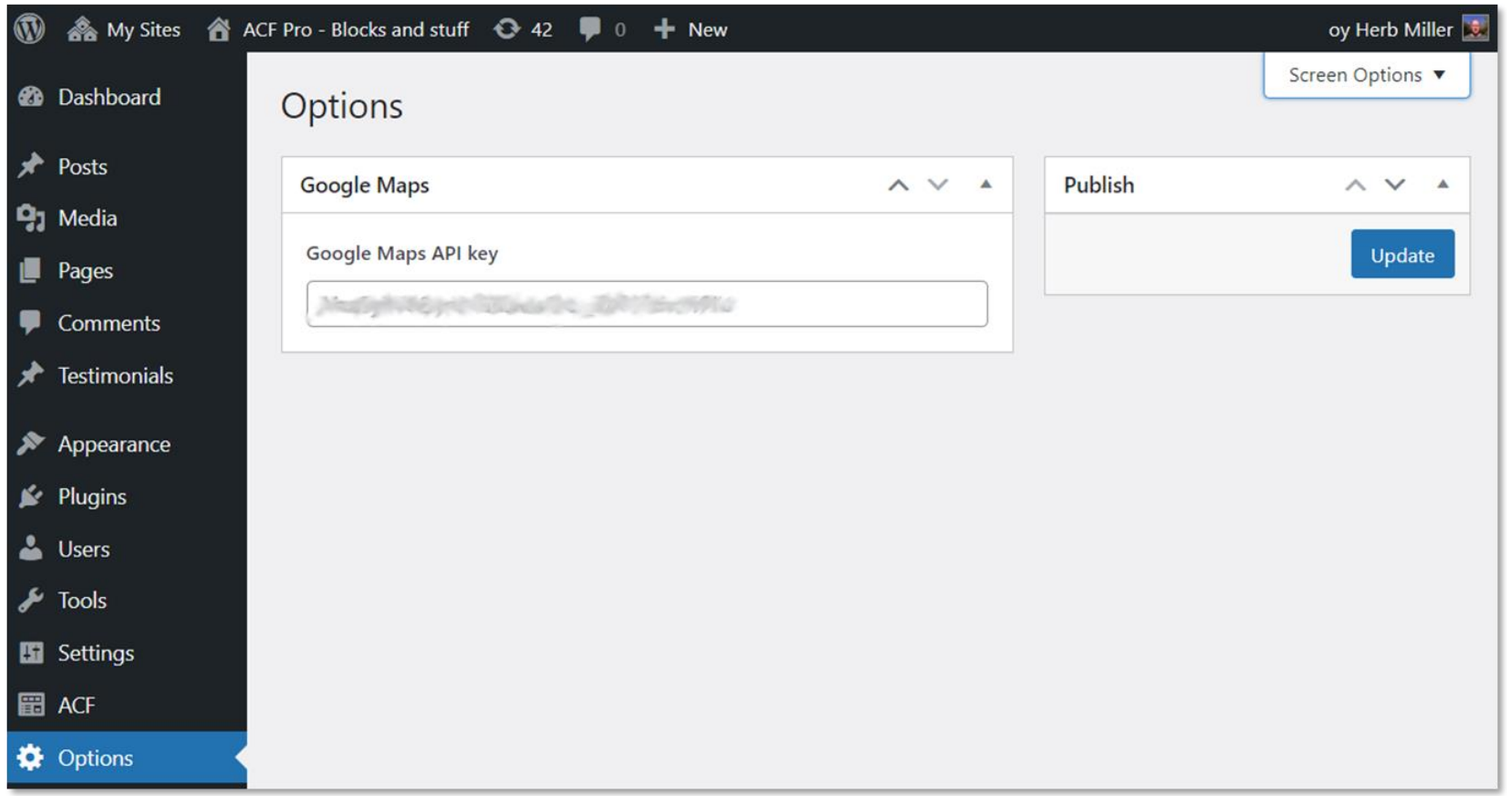
https://www.advancedcustomfields.com/resources/blocks/

ACF PRO – Options Page(s)

```
acf_add_options_page();
```

The options page feature provides a set of functions to add extra admin pages to edit ACF fields! Each admin page can be fully customized and sub admin pages can be created too!

All data saved on an options page is global. This means it is not attached to any particular post or page, but is saved in the wp_options table. This allows the data to be displayed on any page throughout the website.



https://www.advancedcustomfields.com/resources/options-page/
https://www.advancedcustomfields.com/resources/acf_add_options_page/

ACF PRO – Local JSON

Local JSON is a feature which saves field group and field settings as .json files within your theme. The idea is similar to caching, and both dramatically speeds up ACF and allows for version control over your field settings!

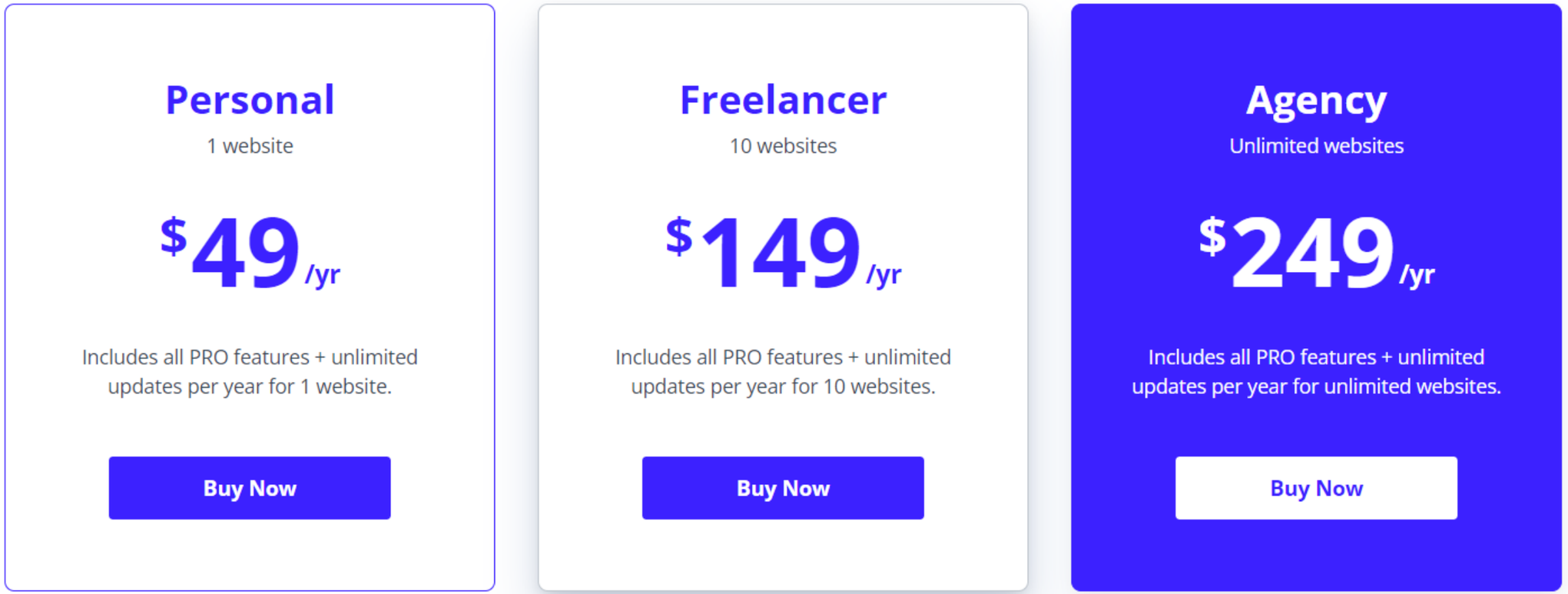
To start using the local JSON feature, simply create a new folder in your theme and name it `acf-json`. This folder must have permissions for the server to read and write (in most cases 755 will work well).

Once this folder exists, each time you save a field group a JSON file will be created (or updated) with the field group and field settings. The JSON file will be named using the field group's unique key.

Now that the JSON file exists, ACF will load the relevant field group and field settings from this file which reduces the number of database calls during your page load!

https://www.advancedcustomfields.com/resources/local-json/

ACF PRO - pricing



- From 2011 - ACF Repeater field, Options Page, Flexible Content field, Gallery field
- 2015 became ACF PRO
- In Nov 2019 ACF PRO cost me $30 AUD for an *unlimited* license
- 2020 ACF Blocks: $100 AUD (see https://www.advancedcustomfields.com/blog/new-acf-pro-pricing-for-2020/)
- Now priced in US Dollars.

Premium: https://www.advancedcustomfields.com/pro/

ACF extensions – a small selection

Plugin / Website	Notes	Link
Advanced Custom Fields Extensions	Over 170 third party extensions for the awesome Advanced Custom Fields WordPress plugin	https://awesomeacf.com
ACF Theme Code for Advanced Custom Fields		https://wordpress.org/plugins/acf-theme-code/
ACF Blocks	A collection of ready-to-use Gutenberg Blocks for WordPress.	https://wordpress.org/plugins/acf-blocks/
ACF Extended	14+ New ACF Fields	https://wordpress.org/plugins/acf-extended/
Elementor Pro	https://www.youtube.com/watch?v=1ahazbL0ZMs	https://elementor.com/help/elementor-acf/
other	Search for other ACF plugins on wordpress.org	https://wordpress.org/plugins/search/acf/

3rd party ACF field types

- Font Awesome
- Gravityforms
- Ninjaforms
- Contact Form 7
- RGBA Colour
- Color Palette
- Table
- TablePress
- Sidebar Selector
- Nav Menu
- Image Aspect Ratio Crop
- Audio/Video Player
- SVG Icon
- Icon Selector
- Code
- Address
- Number Slider
- Star Rating
- YouTube Picker
- Post Type Select
- Smart Button

ACF & PRO – other bits

- Tools - Export
- Tools – Import
- Sync JSON
- Front end forms acf_forms()

.

Answers to this month's questions

Do you have extra data you want to edit and display in WordPress? eg Testimonials, Portfolios, Products for sale

- What do you currently use to achieve this?
- Do you have a no code solution?

Yes. I've developed multiple CPT's with custom taxonomies and fields using my own plugins.

A long time ago I developed shortcodes for the *No code* solution. I've converted some of these to blocks.

I've written a lot of generic code to reduce the amount of bespoke code for each project.

Herb

Interested in a searchable gallery where images can be categorised and displayed according to categories, with products being in multiple categories. No current solution in place.

Yes, Elementor Pro

Use ACF

No

I want to see what premium can do

.

ACF PRO / Oxygen Builder

PS. ACF stands for Advanced Custom Fields not Accounting and Finance nor Army Cadet Force

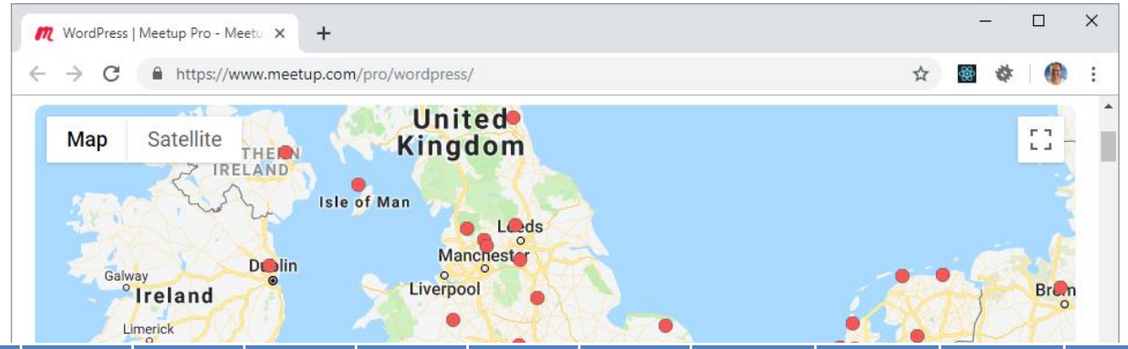
WordPress Global Community Sponsorship

A big thanks to our Global Community Sponsors:

- GoDaddy
- Bluehost
- Weglot
- Automattic
- WooCommerce

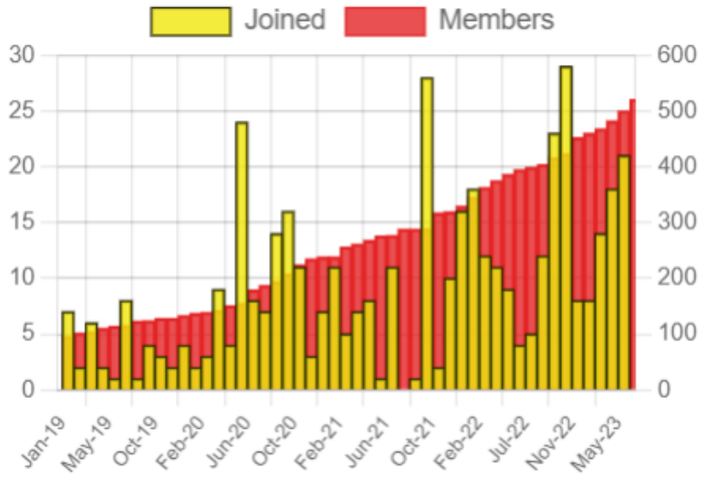
https://central.wordcamp.org/global-community-sponsors/

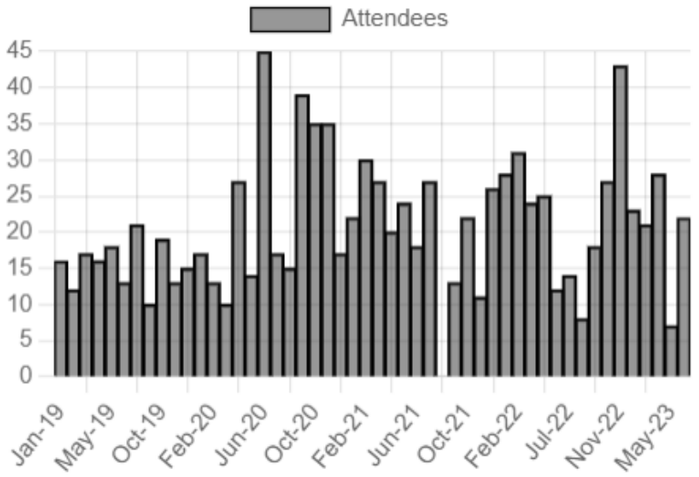
521 meetup members



Key	Jul	Mar	Feb	Jan 23	Dec	Nov	Oct	Sep	Jul	Jun	Apr	Mar	Feb	Jan 22	Jul	Jan 21	Jul	Jan 20
Countries	107	115	115	113	113	113	112	112	112	112	111	111	111	111	109	109	113	108
Groups	710	785	784	780	778	772	766	764	769	769	762	760	758	757	750	745	857	818
Members	498974	509700	507525	504549	502002	499970	497676	494303	491669	489256	484813	481908	482017	479658	466725	453109	456627	424517
Portsmouth	521	488	468	460	452	452	423	416	399	395	386	375	363	345	288	245	187	137
Brighton	668	648	644	644	643	641	642	639	636	637	637	638	638	638	642	643	648	613
Bournemouth	-	549	549	552	551	553	555	555	558	560	561	562	562	563	563	560	558	536
Exeter	301	300	300	301	300	301	301	303	304	305	303	302	299	293	283	283	278	278
Bristol	-	1018	1021	1023	1026	1026	1026	1030	1032	1033	1035	1038	1040	1042	1046	1057	1063	1024
Tunbridge Wells	-	471	471	471	471	471	469	469	472	472	471	470	469	470	461	446	431	393

Meetup stats since 2019





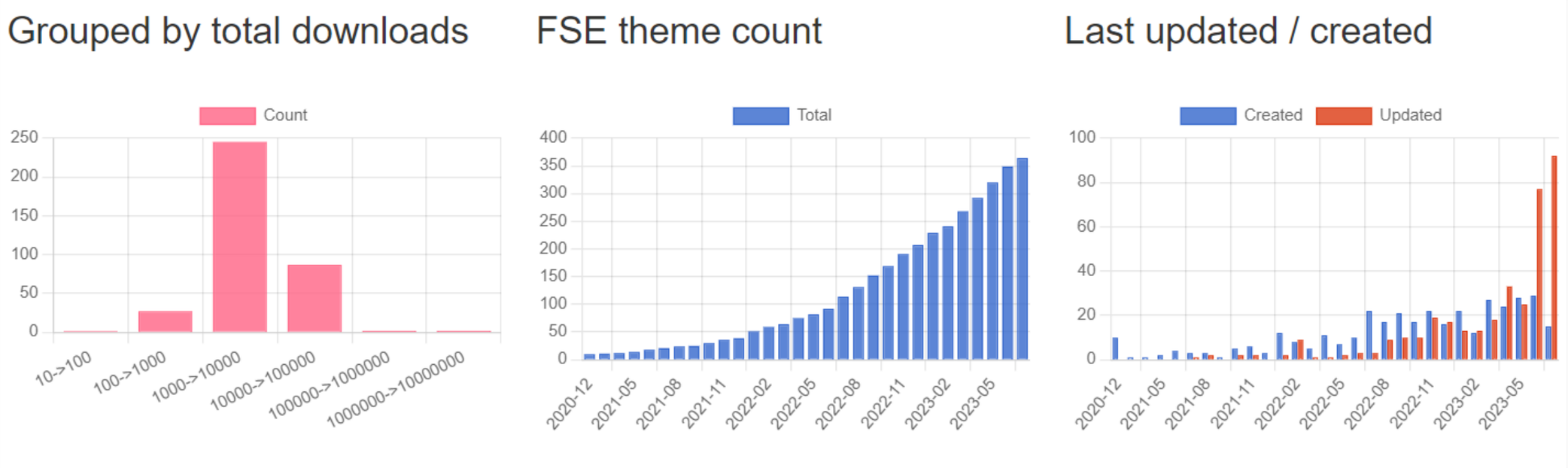
https://www.wp-pompey.org.uk/wordpress-portsmouth-meetup/meetup-stats/

WordPress plans – 2023

27 May	WordPress turns 20.	https://wp20.wordpress.net/
8-10 June	WordCamp Europe Athens	https://europe.wordcamp.org/2023/
28 June	WordPress 6.3-beta2	
3 July	WordPress 6.3-beta3	
11 July	WordPress 6.3-beta4	
18 July	WordPress 6.3-RC1	
- - - - - - - - -	WordPress 6.4 alpha begins	
25 July	WordPress 6.3-RC2	
1 August	WordPress 6.3-RC3	
7 August	WordPress 6.3 dry run	
8 August	WordPress 6.3	
22-23 August	2023 Community Summit	https://communitysummit.wordcamp.org/2023/
24-26 August	WordCamp US	https://us.wordcamp.org/2023/
~~22-24 Sep~~	~~WordCamp London~~	
7 November	WordPress 6.4	

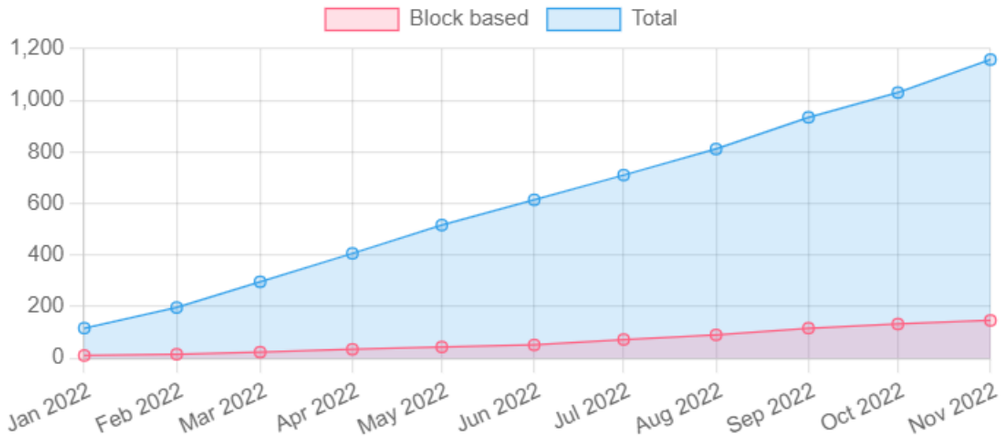
https://central.wordcamp.org/schedule/
https://make.wordpress.org/core/tag/6-3/

Full Site Editing themes



https://blocks.wp-a2z.org/2023/07/19/fse-theme-statistics-19th-july-2023/

FSE themes: **364**
Style variations: **971**



https://wordpress.org/themes/tags/full-site-editing/

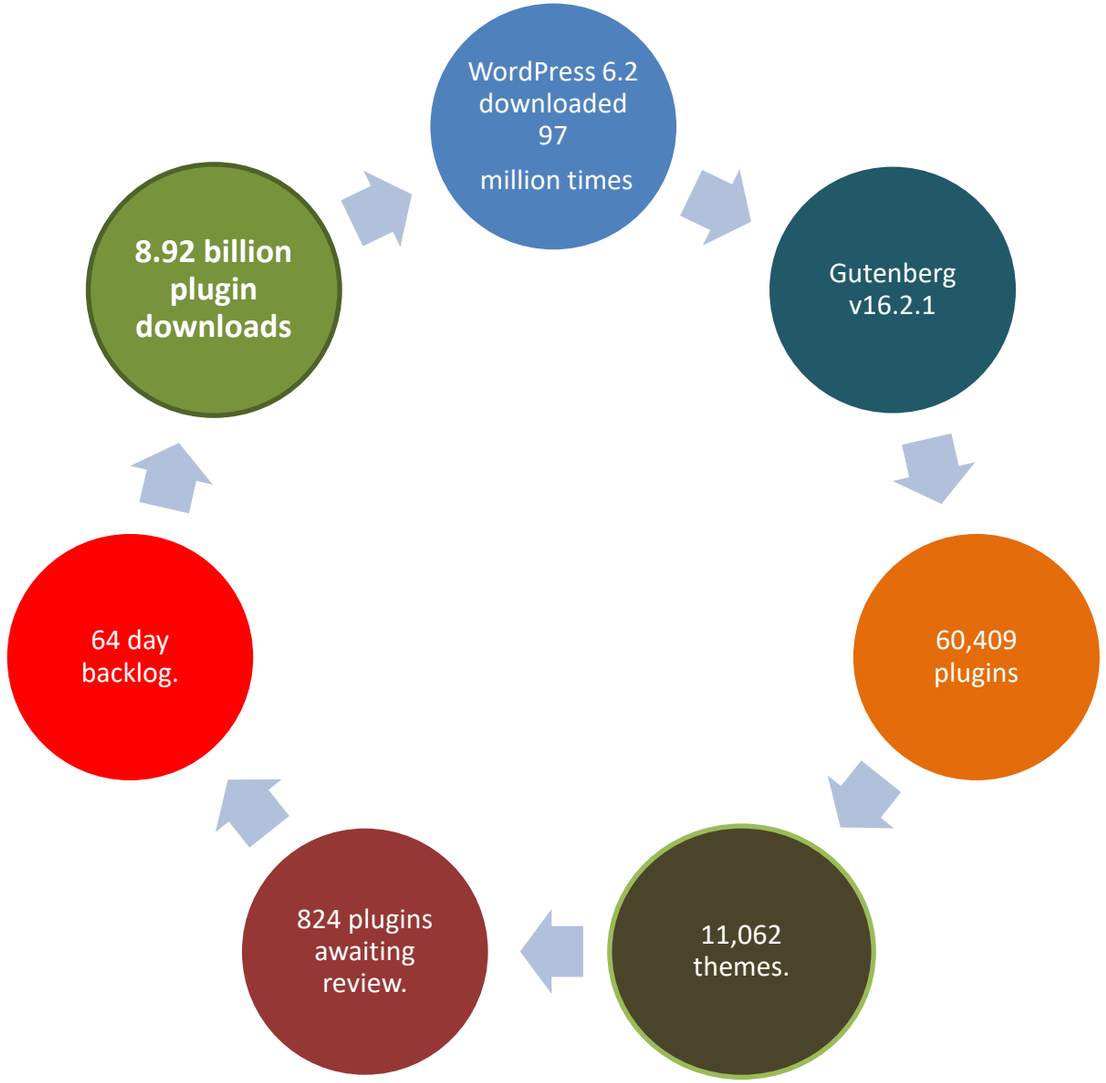
wppompey plans - 2022

Date	Agenda	Notes
19 Jan 2022	What's in WordPress 5.9	#OnlineWPMeetup
16 Feb 2022	Performance – Measuring and improving your Core Web Vitals.	#OnlineWPMeetup
16 Mar 2022	Spring Clinic – Problem Solving	#OnlineWPMeetup
20 Apr 2022	Lightning Talks - Deeper dive into Analytics and other topics	#OnlineWPMeetup
18 May 2022	NO MEETING	
15 Jun 2022	Yoast's Premium SEO plugins	#OnlineWPMeetup
20 Jul 2022	Mobile WordPress with Drew Westcott	#OnlineWPMeetup
17 Aug 2022	Social Meetup in Old Portsmouth	#OnlineWPMeetup
21 Sep 2022	Accessibility of the block editor – Graham Armfield	#OnlineWPMeetup
19 Oct 2022	Local development environments	#OnlineWPMeetup
16 Nov 2022	Headless CMS 101 + blazingly fast front ends	#OnlineWPMeetup
21 Dec 2022	Caching – battle of the caches - POSTPONED	#OnlineWPMeetup

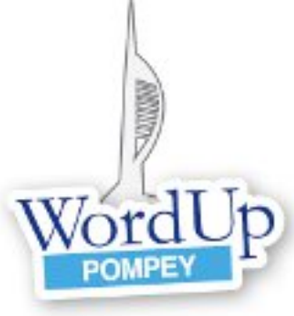
wppompey plans - 2023

Date	Agenda	Notes
18 Jan 2023	Battle of the caches	#OnlineWPMeetup
22 ~~15~~ Feb 2023	New Year's Resolution clinic	#OnlineWPMeetup
15 Mar 2023	What's new in WordPress 6.2?	#OnlineWPMeetup
19 Apr 2023	-	
24 May 2023	WordPress 20th anniversary quiz	In Person?
21 Jun 2023	-	
19 Jul 2023	Advanced Custom Fields (ACF) PRO 101	#OnlineWPMeetup
16 Aug 2023	WordPress Multisite 101	#OnlineWPMeetup
27 Sep 2023	Learn.WordPress.org	#OnlineWPMeetup
18 Oct 2023	Show and Tell - Lightning talks	#OnlineWPMeetup
15 Nov 2023		#OnlineWPMeetup
21 Dec 2023		#OnlineWPMeetup

Some WordPress trivia



See also : https://displaywp.com/



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