

Gutenberg: The Long Way, All The Way

November 22nd, 2022

WPBGUG

Sofia, Bulgaria

WHO AM I?

Jordan "Jd" Hlebarov

CEO of Hlebarov.com

MS in Cybersecurity

20+ of web development experience

Dreamer, doer, enthusiast.



Change

“ Life is a series of natural and spontaneous changes. Don't resist them - that only creates sorrow. Let reality be reality. Let things flow naturally forward in whatever way they like. ”

Lao Tzu

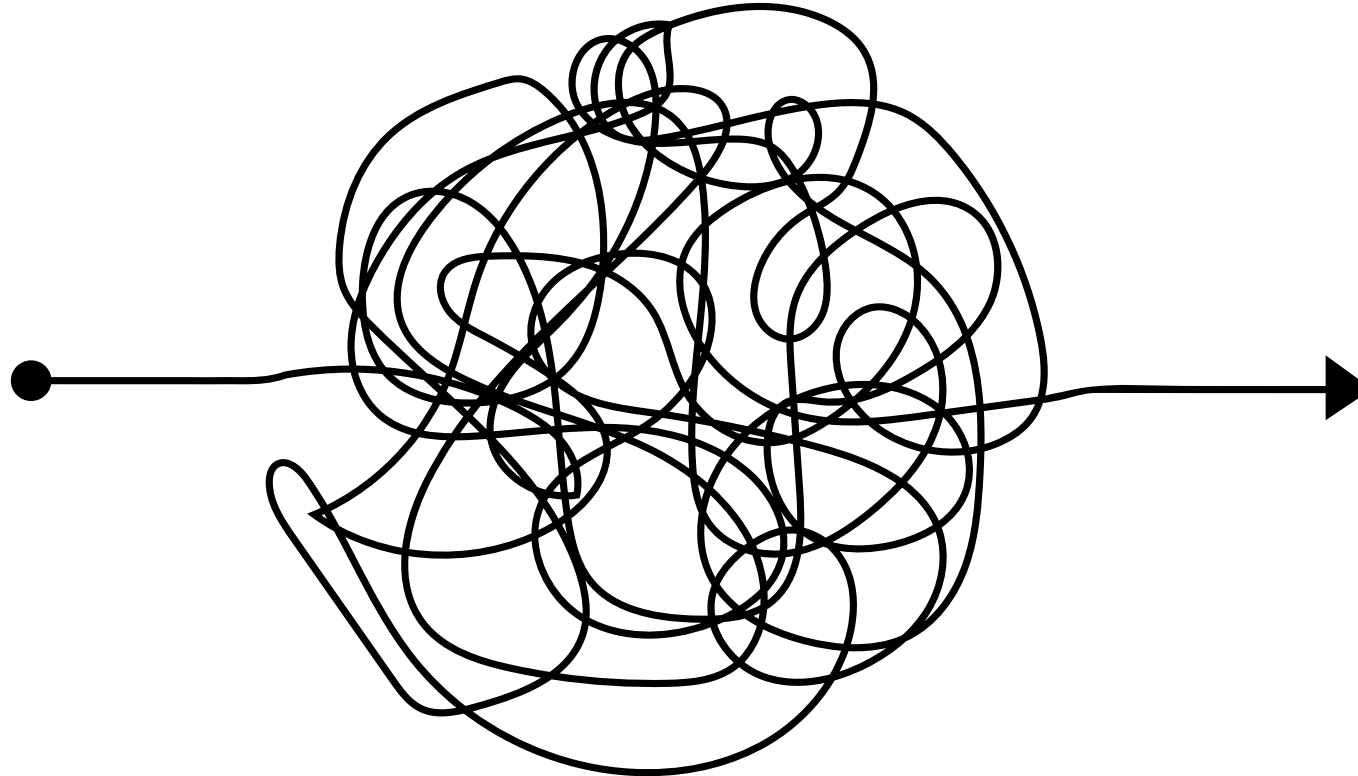
The Way

How We Usually Plan It



The Way

In Real Life





THE WAY IN
WordPress

(Rant about) Page Builders



visual composer™



AVADA BUILDER



beaverbuilder™



QXYGEN



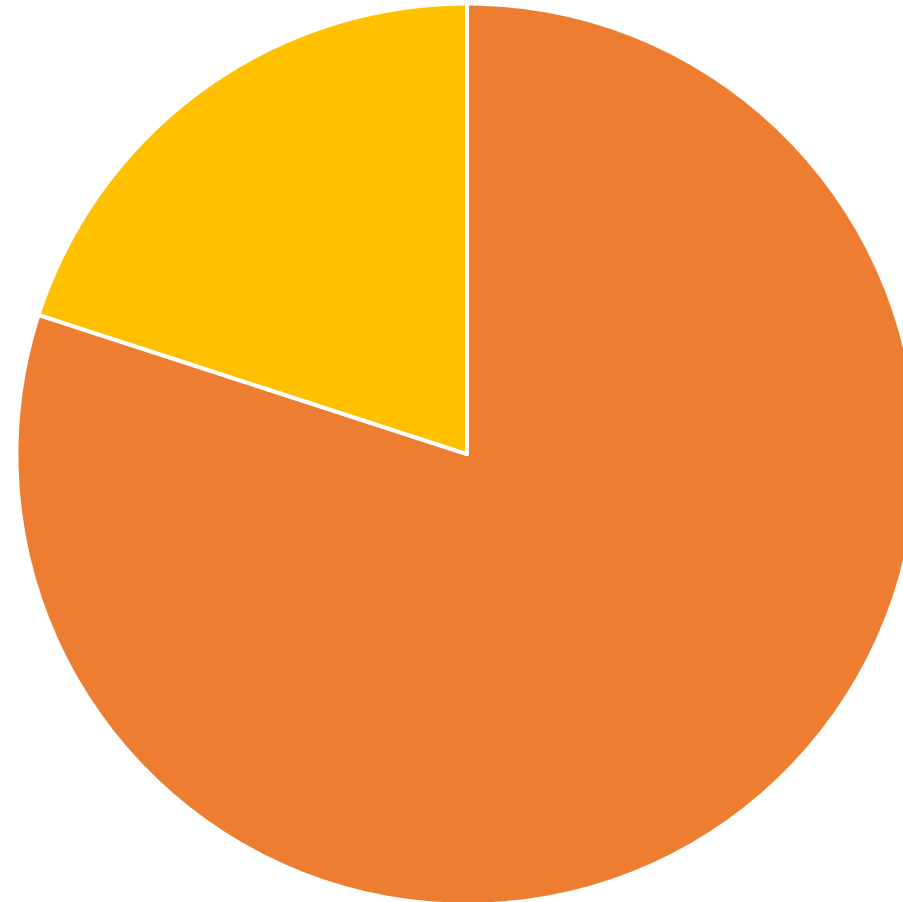
ACF

ADVANCED CUSTOM FIELDS PLUGIN

... and many many others

(Rant about) Page Builders

Are WordPress Page Builders Terrible?



■ Yes ■ Yes in another color

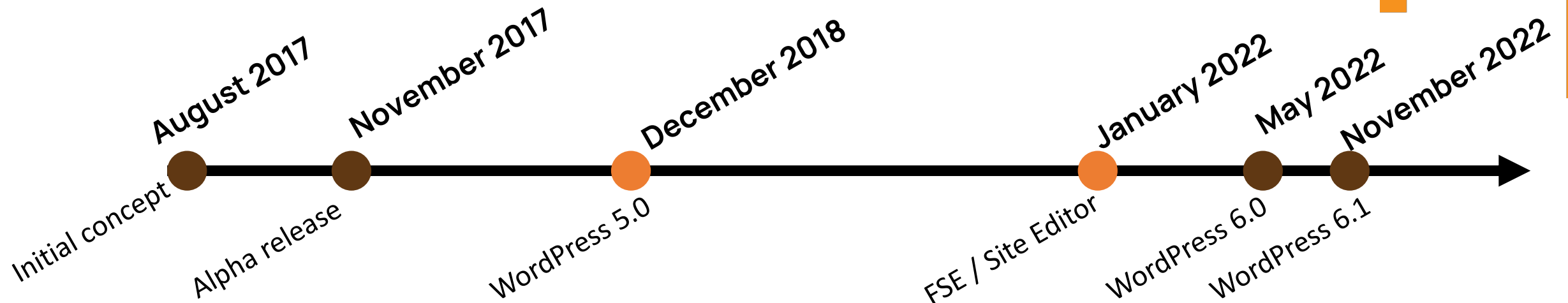
What to do?



- Struggle
- Develop
- Debug
- Hack (if needed)
- Release (eventually)



History of Gutenberg in WP



W + ↶ ↷ ☰

Preview Publish ⚙️ ⋮

Document Block ×

Summary ^

Visibility Public

SLUG
say-hello-to-gutenberg-the-wordpres

Excerpt v

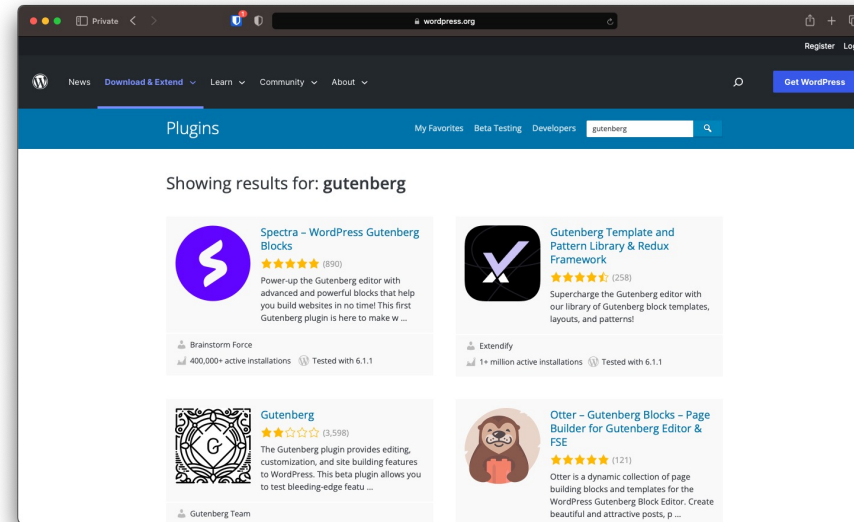
Discussion v

Say Hello to Gutenberg, the WordPress Editor

Experience the flexibility that blocks allow, whether you're building your first site or write code for a living

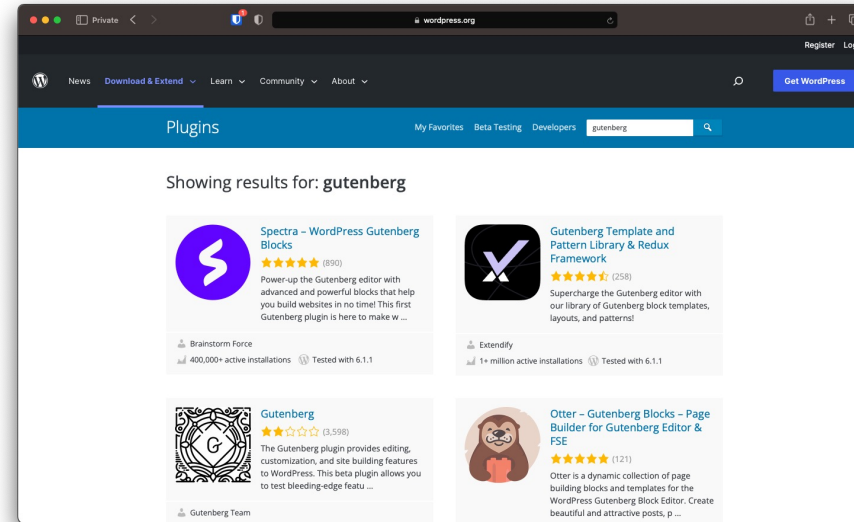
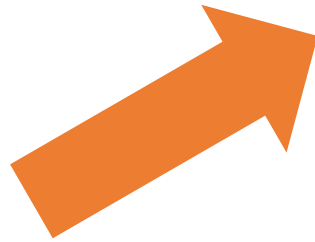
Document

The (Gutenberg) Way



```
1 import { __ } from "@wordpress/i18n";
2 import { registerBlockType } from "@wordpress/blocks";
3
4 import metadata from './.block.json';
5
6 const {
7   name,
8   attributes,
9   title,
10  icon
11 } = metadata;
12
13 import {
14   select,
15   registerStore,
16   subscribe,
17   dispatch
18 } from '@wordpress/data';
19
20 import {
21   InnerBlocks,
22   InspectorControls,
23   RichText
24 } from '@wordpress/block-editor';
```

The (Gutenberg) Way

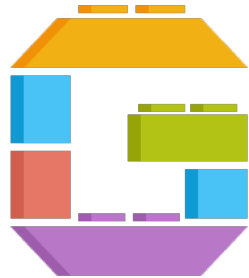


Use Readily-Made Blocks via Plugins from the WordPress Plugins Repository

The (Gutenberg) Way



Kadence Blocks



Getwid



Genesis Custom Blocks



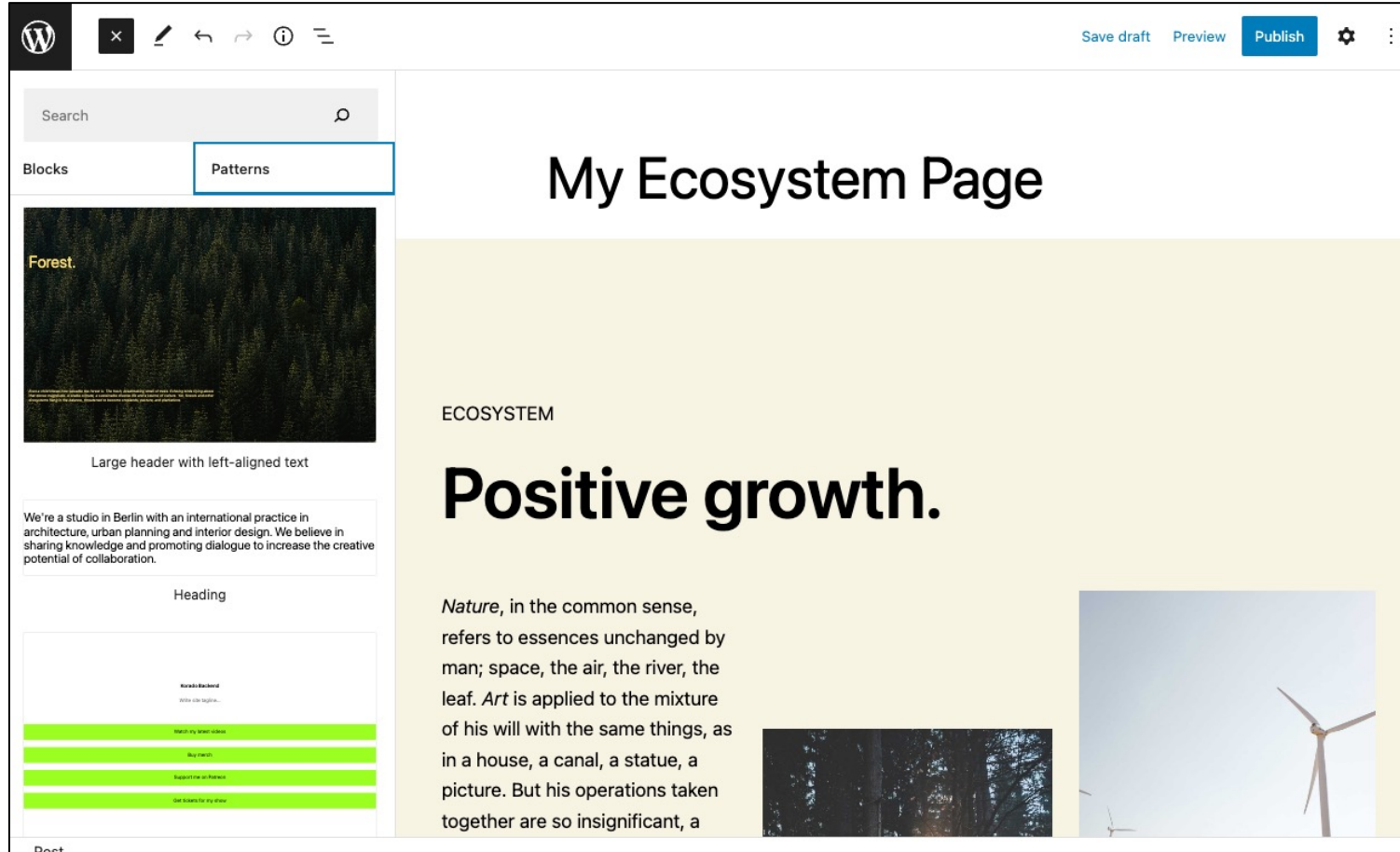
Ultimate Blocks



Stackable

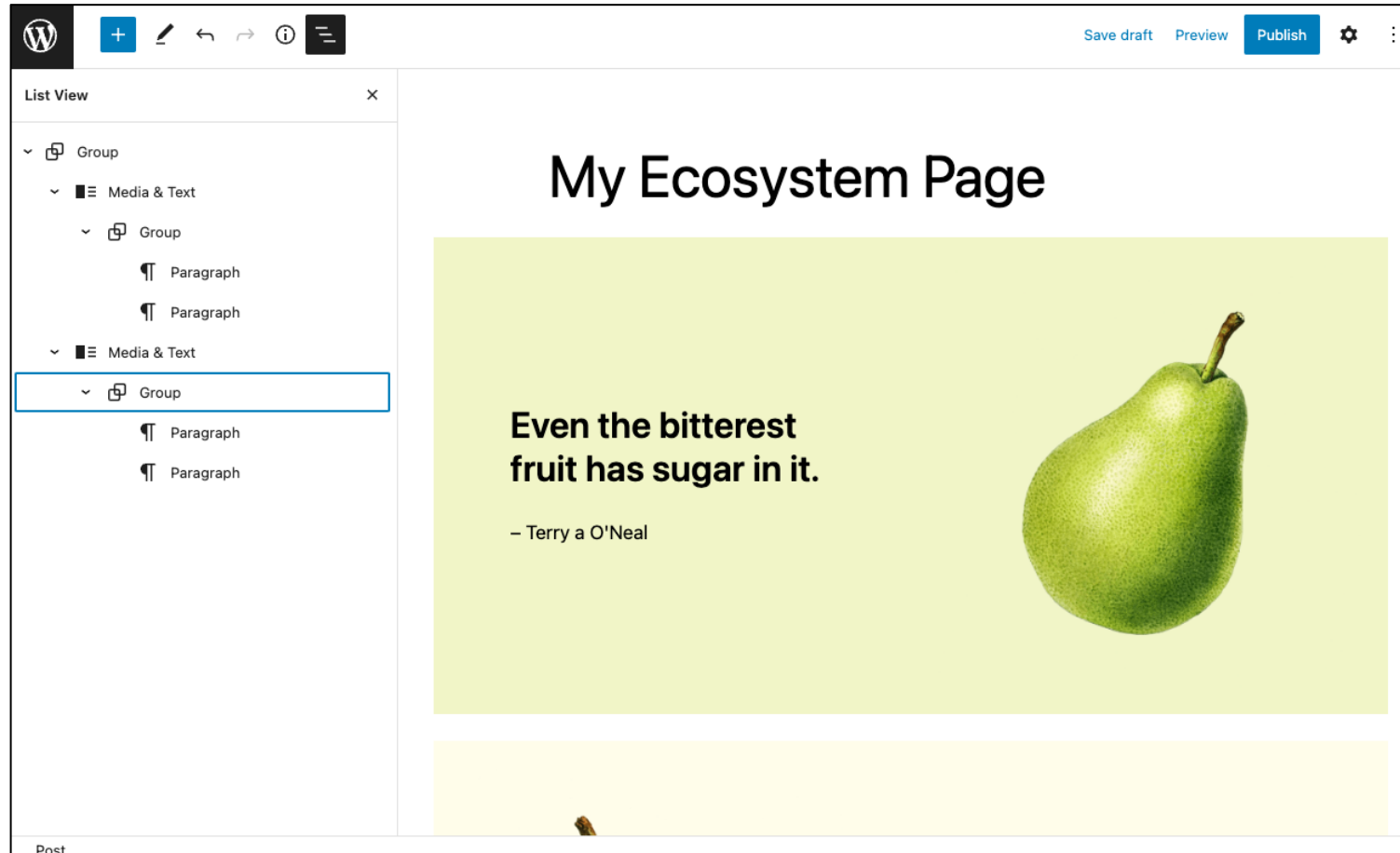
Use Ready-Made Blocks via Plugins from the WordPress Plugins Repository

The (Gutenberg) Way



Create Your Own Patterns from the
WordPress Core and WordPress Community

The (Gutenberg) Way



Create Your Own Patterns via the Gutenberg Interface and Register in Your Theme

The (Gutenberg) Way

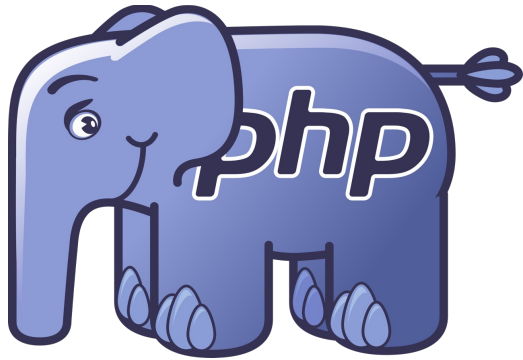


Develop your own Gutenberg block
(JS & React required)



```
1 import { __ } from "@wordpress/i18n";
2 import { registerBlockType } from "@wordpress/blocks";
3
4 import metadata from './.block.json';
5
6 const {
7   name,
8   attributes,
9   title,
10  icon
11 } = metadata;
12
13 import {
14   select,
15   registerStore,
16   subscribe,
17   dispatch
18 } from '@wordpress/data';
19
20 import {
21   InnerBlocks,
22   InspectorControls,
23   RichText
24 } from '@wordpress/block-editor';
```

JS & React



vs.



Gutenberg Blocks in PHP

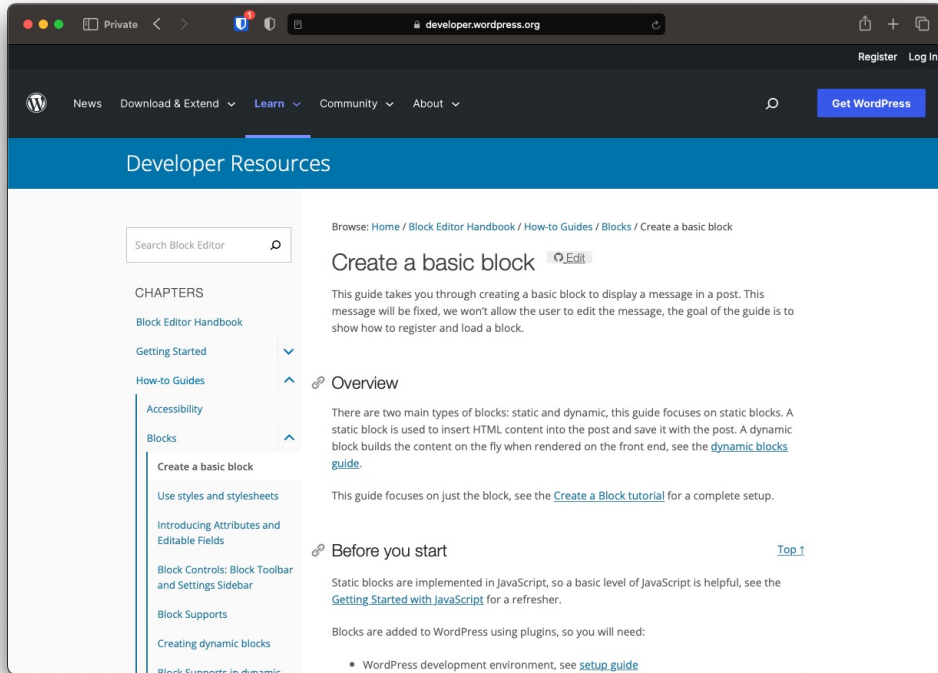
The logo for Advanced Custom Fields (ACF) consists of the letters 'ACF' in a bold, dark blue, sans-serif font. The 'A' and 'C' are connected, and the 'F' is slightly offset to the right.

ADVANCED CUSTOM FIELDS PLUGIN

- Ability to create blocks with PHP
- Reliance on a plugin as a gateway to the WordPress core APIs
- No need to switch to JS/React stack (sort of)
- Has library of readily-made blocks from the ACF developers on WordPress plugin repository

** <https://www.advancedcustomfields.com/resources/blocks/>*

Gutenberg Blocks in React



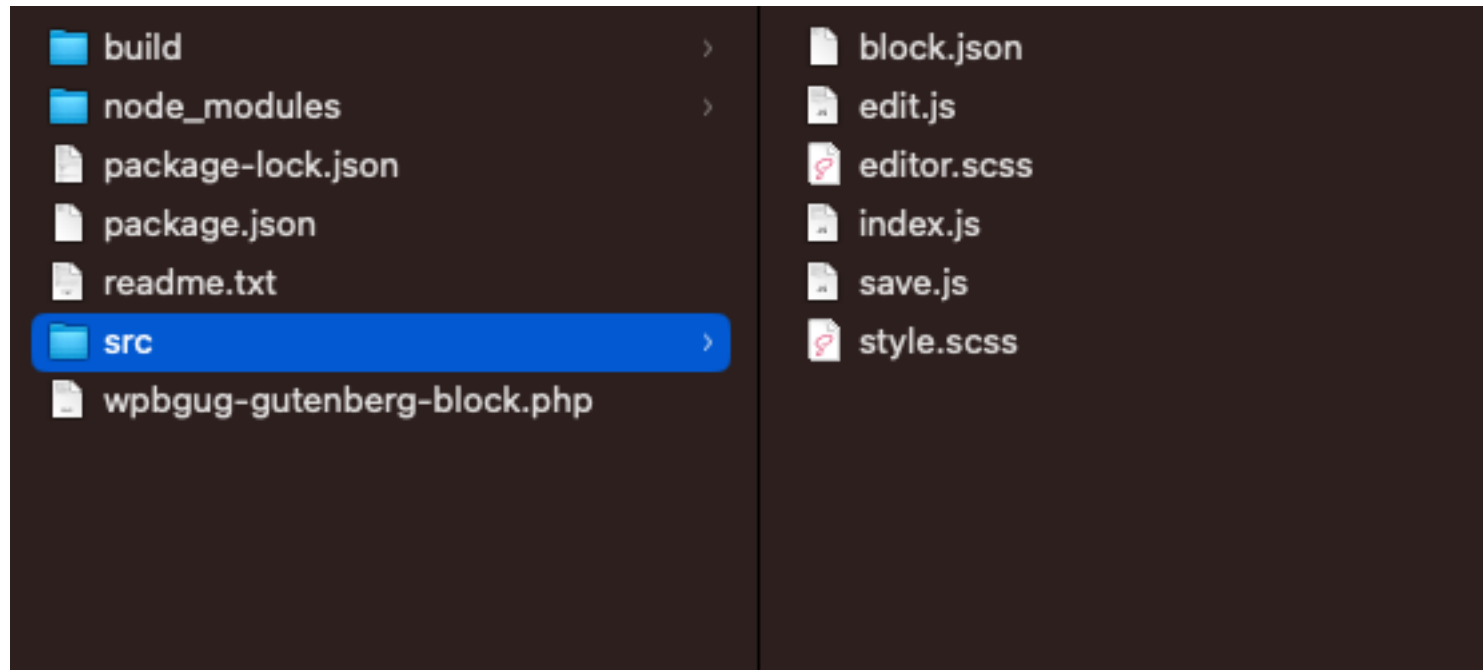
- The “core” way to build blocks
- Use WordPress APIs directly
- “More” sustainable in the long run
- Native experience for backend users

* <https://developer.wordpress.org/block-editor/how-to-guides/block-tutorial/writing-your-first-block-type/>

Anatomy of a Block



Anatomy of a Block



** <https://developer.wordpress.org/block-editor/reference-guides/packages/packages-create-block/>*



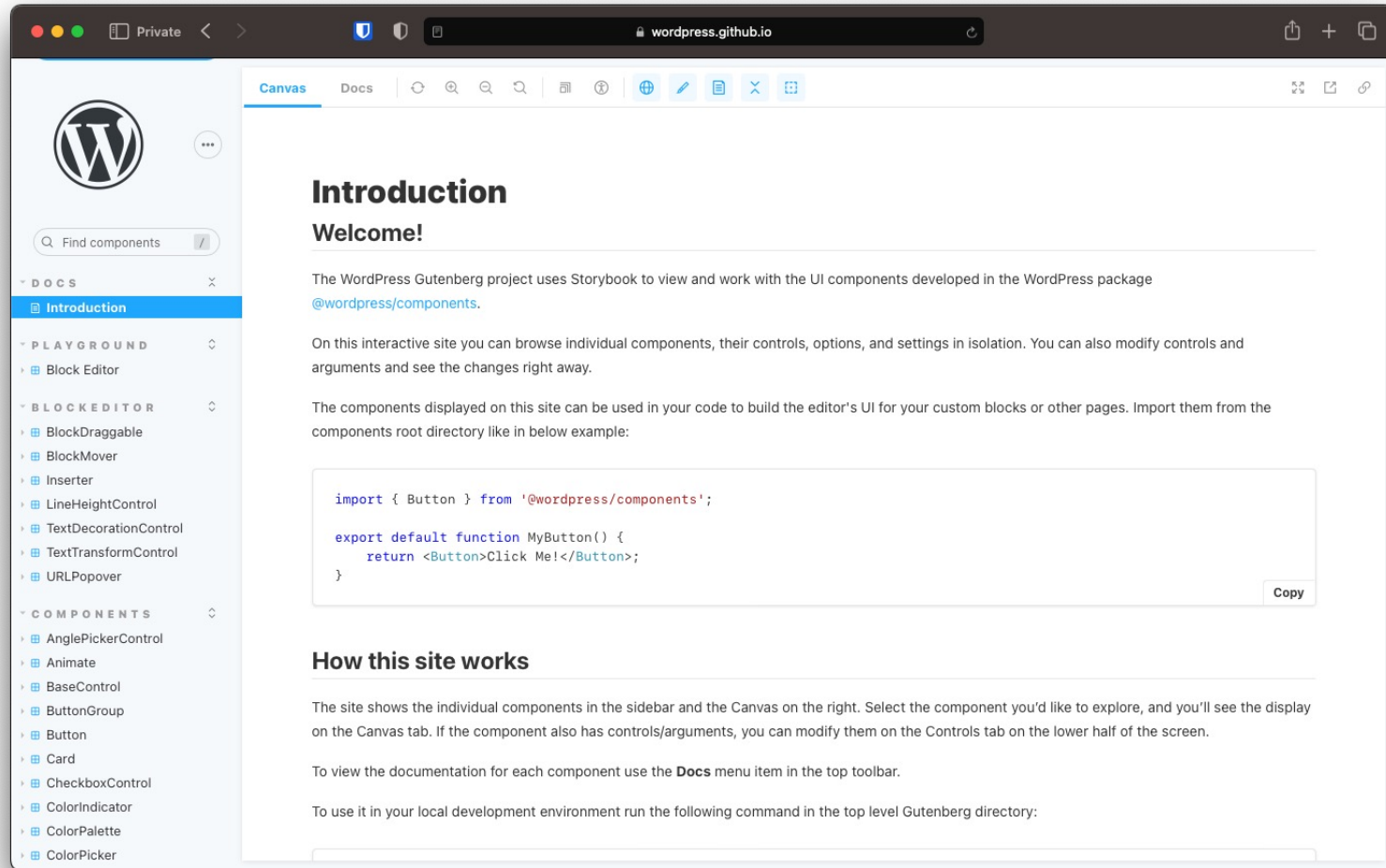
FINDING YOUR WAY
IN GUTENBERG

(Rant about) Gutenberg Development



- WordPress’s famous “backwards compatability” is no more
- Core documentation is questionable at best
- “Debug-it-yourself” approach
- And much more....

Pack up for the Journey (Block Components)



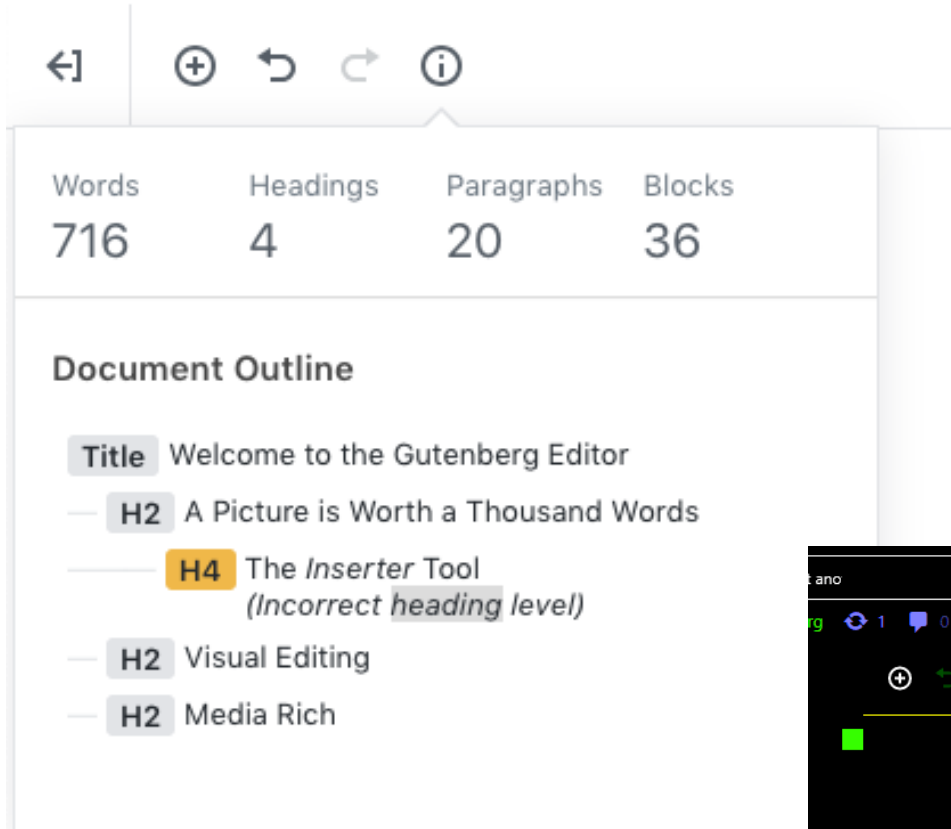
Control the Journey (Block Controls)

The screenshot shows a browser window with the URL `wp-gb.com`. The page displays a grid of six block control examples, each with a visual representation, a title, a description, and a 'READ MORE' button. The examples are:

- AlignmentMatrixControl**: Alignment for bg images for example. (COMPONENTS)
- AlignmentToolbar**: Can be used to align something centered, left or right. Often used and seen as a child of BlockControls. Very... (BLOCK-EDITOR)
- AnglePickerControl**: When in need of an angle. (COMPONENTS)
- Animate**: Adds animation to it's children on its appearance.
- Autocomplete**: Can be used to suggest/autocomplete things when a user types a character. Similar to how one can select a block...
- BaseControl**: When generating labels and nice looks for user input.

At the bottom left of the browser window, there is a small text box that says: `Open "https://wp-gb.com/anglepickercontrol/" in a new tab`.

Be Aware of the Journey (Accessibility)

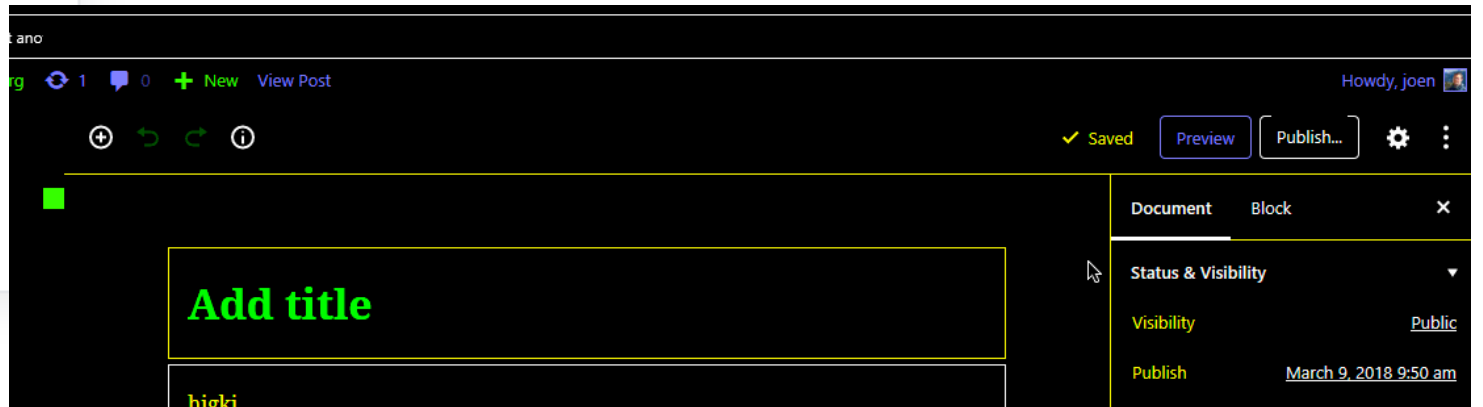


The screenshot shows the top toolbar of the Gutenberg editor with icons for undo, redo, and help. Below it is a statistics table:

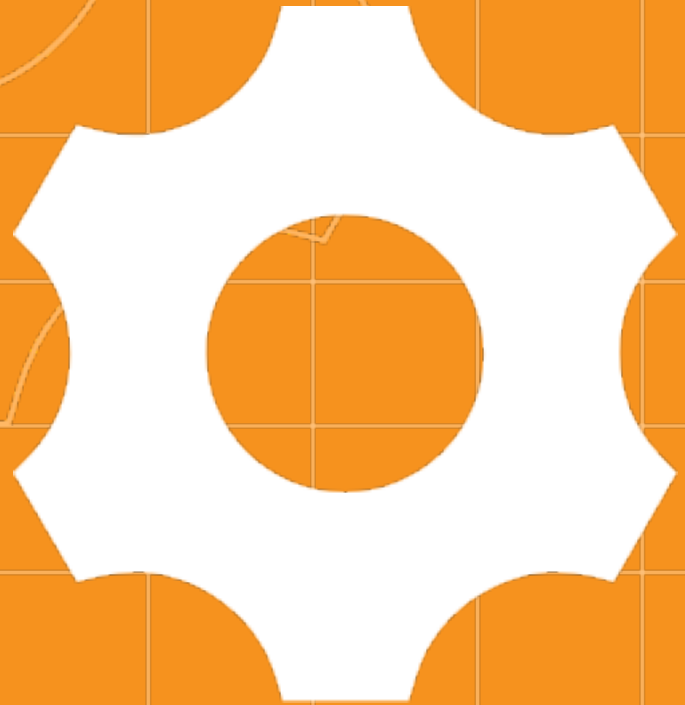
Words	Headings	Paragraphs	Blocks
716	4	20	36

Below the table is the Document Outline panel, which lists the following structure:

- Title: Welcome to the Gutenberg Editor
- H2: A Picture is Worth a Thousand Words
- H4: The *Insert* Tool (Incorrect heading level)
- H2: Visual Editing
- H2: Media Rich

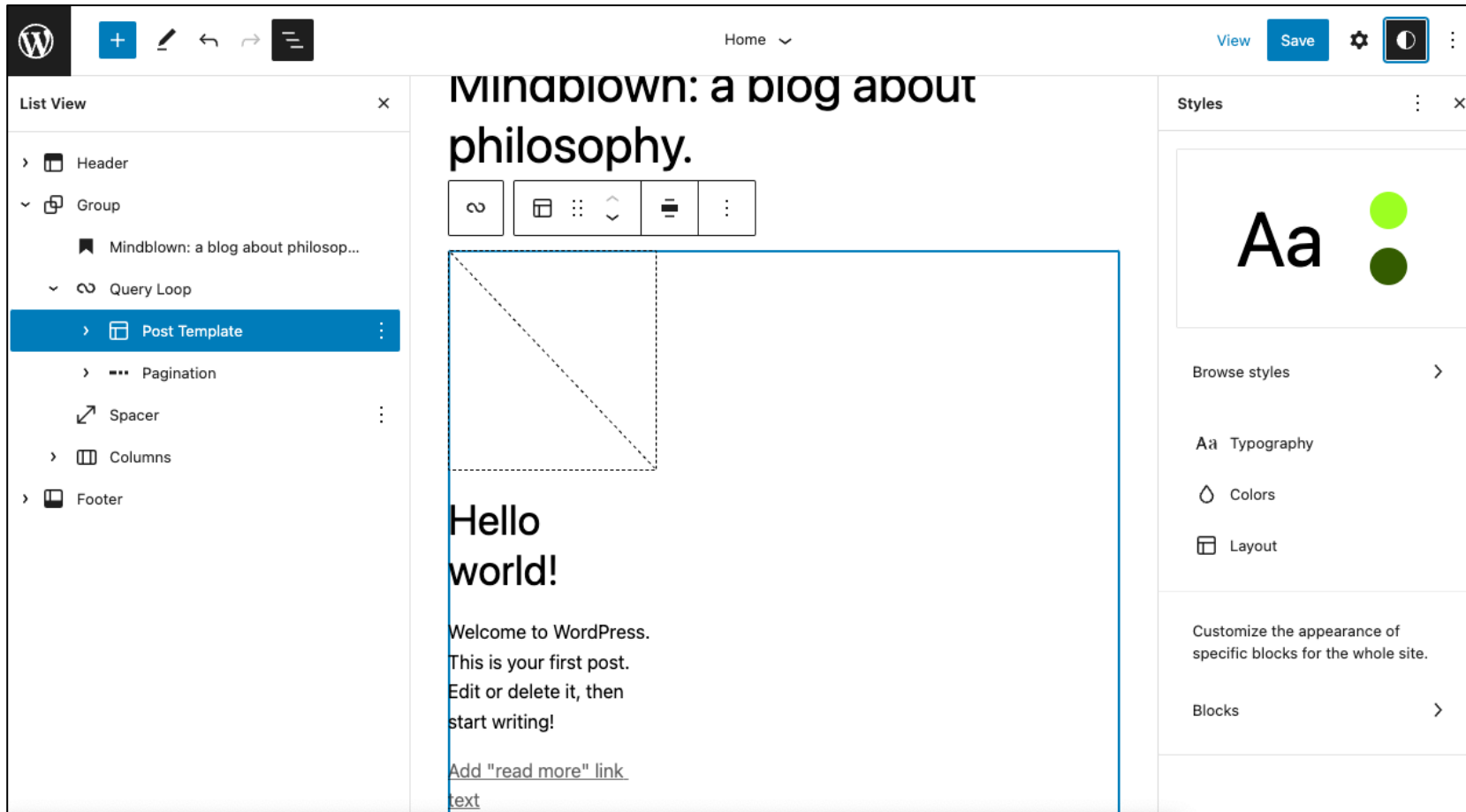


The screenshot shows the block editor interface. The top toolbar includes a 'Saved' status, 'Preview' and 'Publish...' buttons, and a settings menu. The main editing area contains a block with the text 'Add title' in green. The right-hand sidebar shows the 'Document' and 'Block' settings, including 'Status & Visibility' (Public), 'Visibility' (Public), and 'Publish' (March 9, 2018 9:50 am).

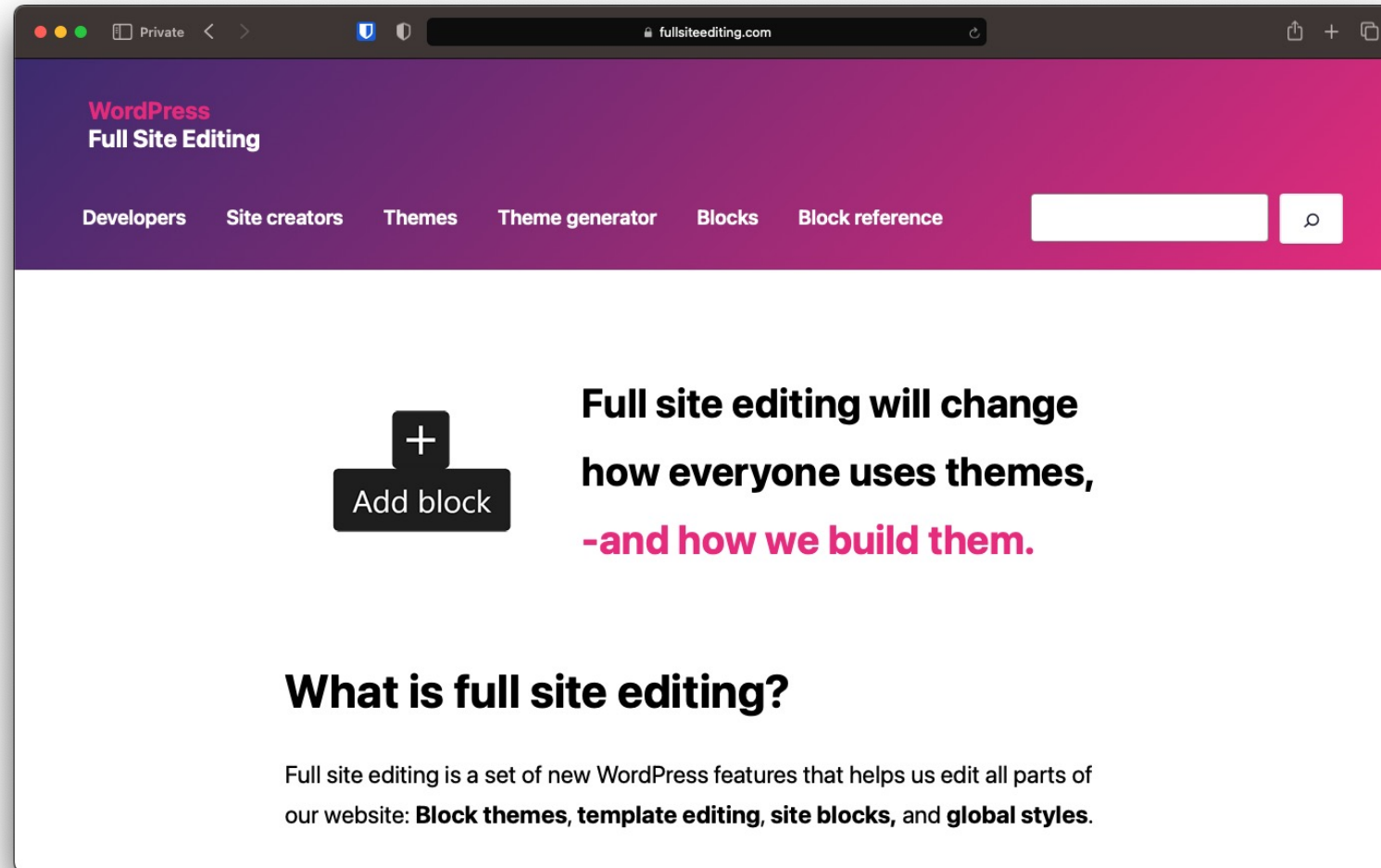


A NEW WAY AHEAD
SITE EDITOR

FSE / Site Editor



Site Editor Reference



The Future Way of Theming



- **“Site Editor”** themes

VS.

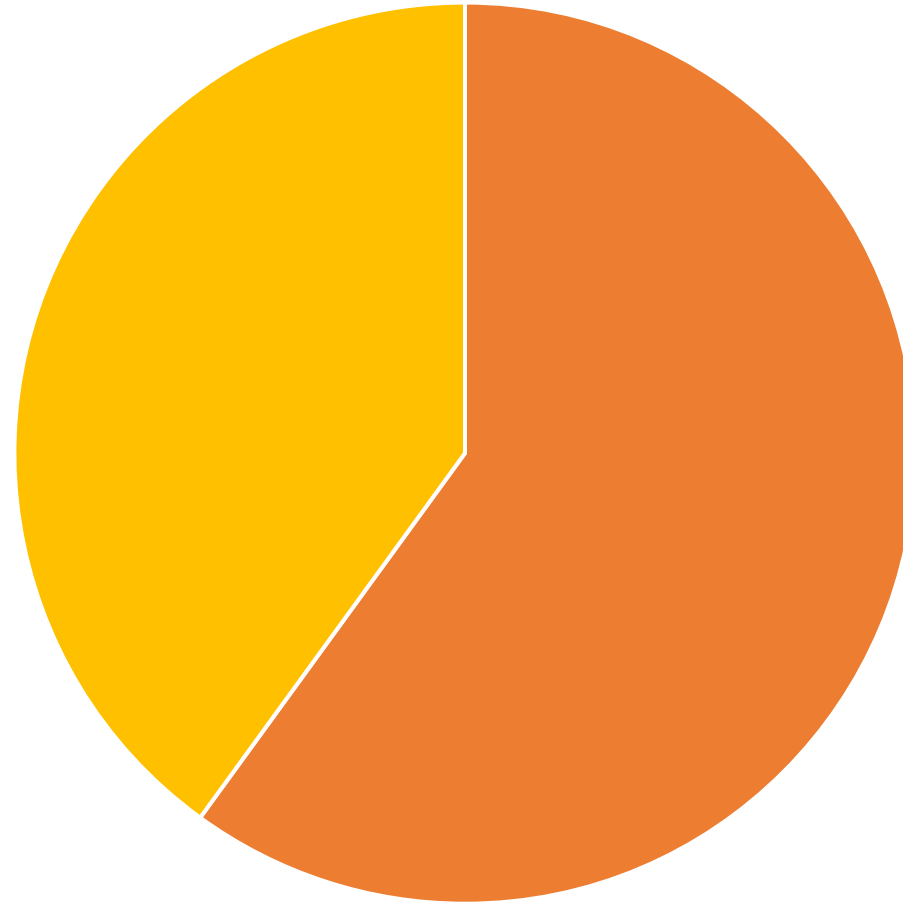
- **“Classic”** themes

VS.

- **“Hybrid”** themes

Where Are We Going Now?

Should We Use Gutenberg?



■ Yes ■ Yes in another color



PITSTOP OF THIS
JOURNEY
YOUR QUESTIONS?