jordan hlebarov

Gutenberg: The Long Way, All The Way

November 1st, 2023

WordPress Sofia Meetup

Sofia, Bulgaria

WHO AM I?

Jordan “Jd” Hlebarov

CEO of Hlebarov.com

MS in Cybersecurity, MS in Virtual Cultures, BA in Cultural Science

23+ 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

jordan hlebarov

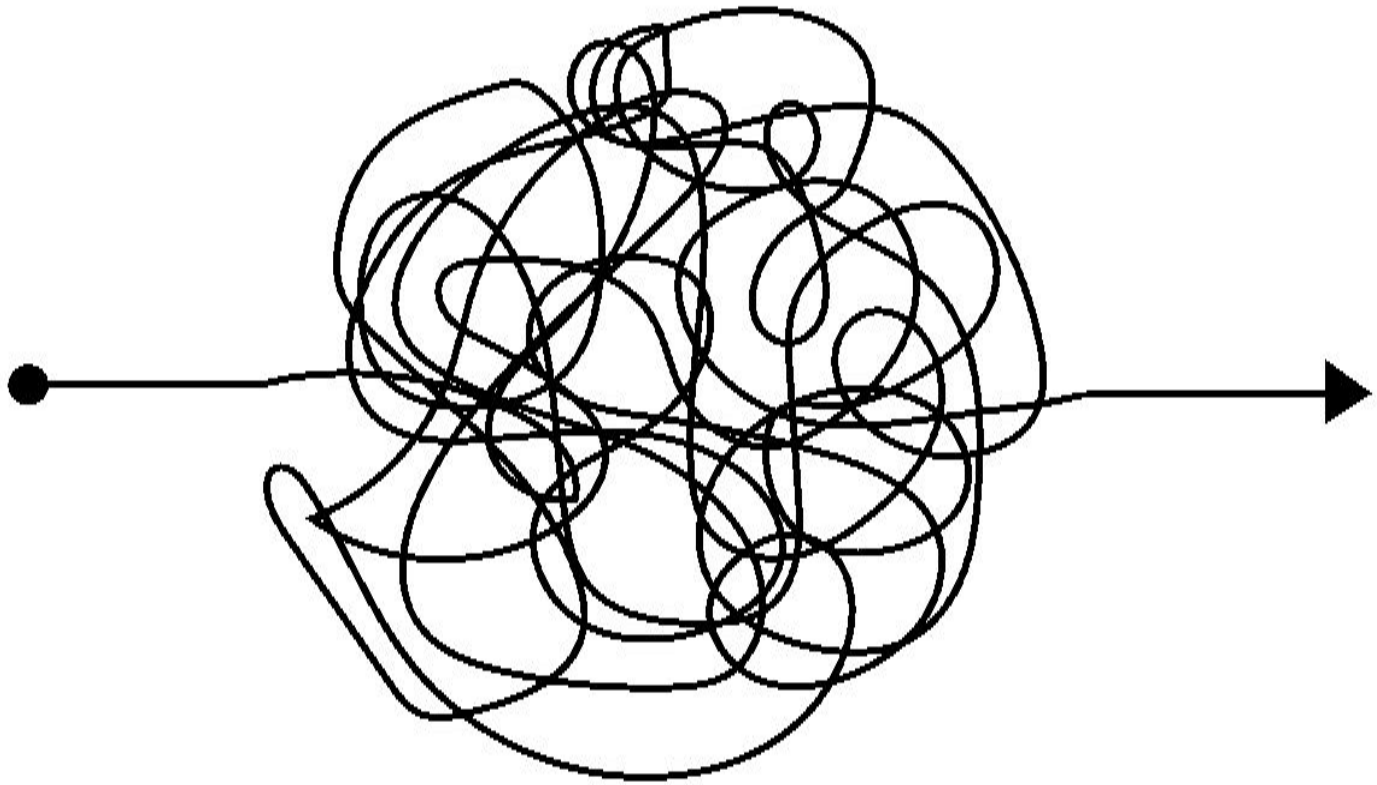
The Way

How We Usually Plan It

jordan hlebarov

The Way

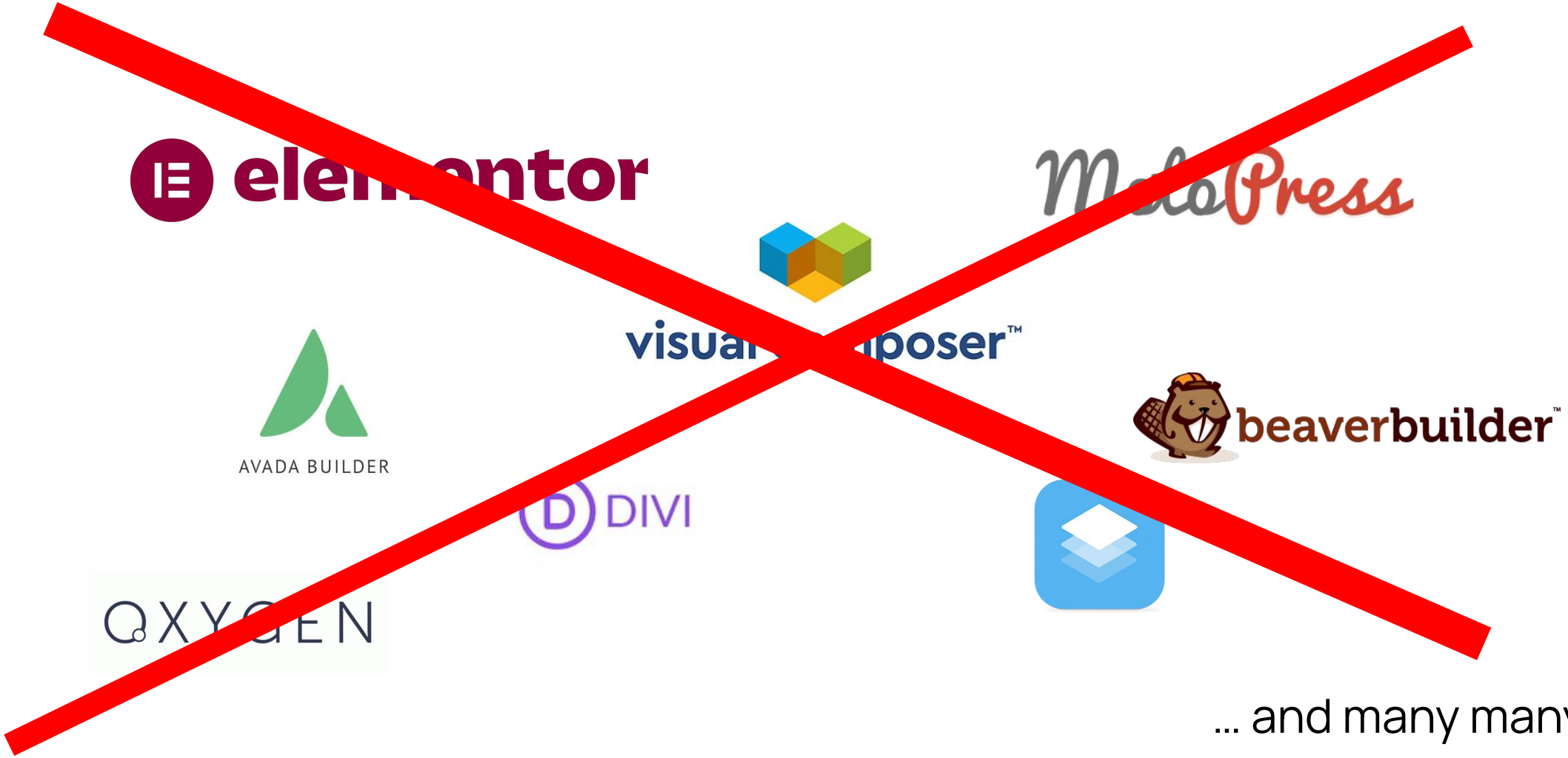
In Real Life



jordan hlebarov

THE WAY IN **WordPress**

(Rant about) Page Builders



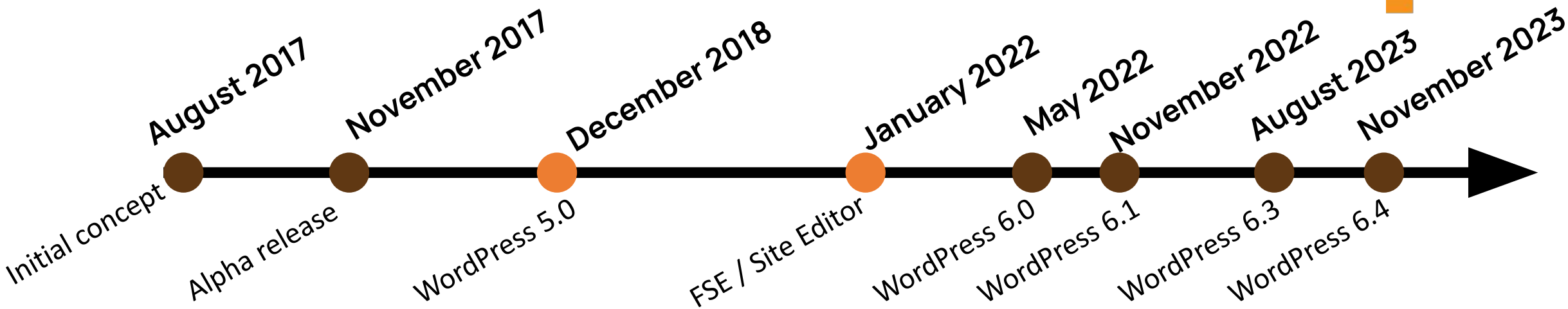
... and many many others

What to do with these?

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

jordan hlebarov

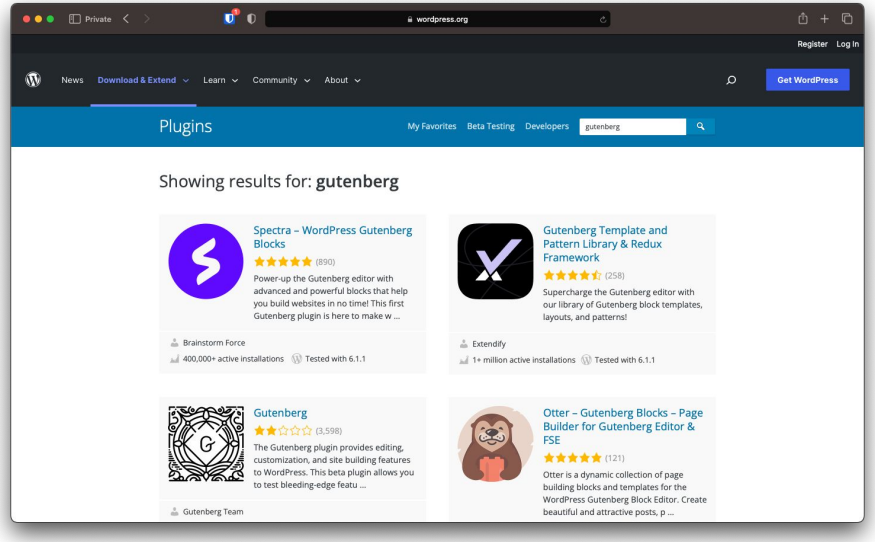
History of Gutenberg in WP



jordan hlebarov

jordan hlebarov

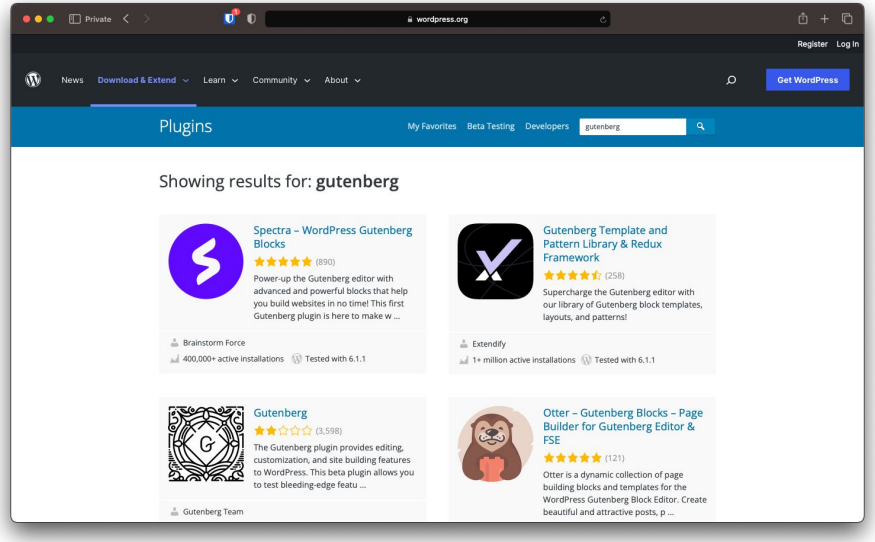
The (Gutenberg) Way




```
import { __ } from "@wordpress/i18n";
import { registerBlockType } from "@wordpress/blocks";

import metadata from './block.json';

const {
  name,
  attributes,
  title,
  icon
} = metadata;

import {
  select,
  registerStore,
  subscribe,
  dispatch
} from '@wordpress/data';

import {
  InnerBlocks,
  InspectorControls,
  RichText
} from '@wordpress/block-editor';
```

jordan hlebarov

The (Gutenberg) Way

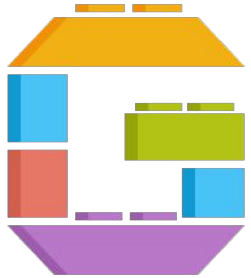


Use Readily-Made Blocks via Plugins from the WordPress Plugins Repository

jordan hlebarov

The (Gutenberg) Way

Kadence Blocks



Getwid

Genesis Custom Blocks

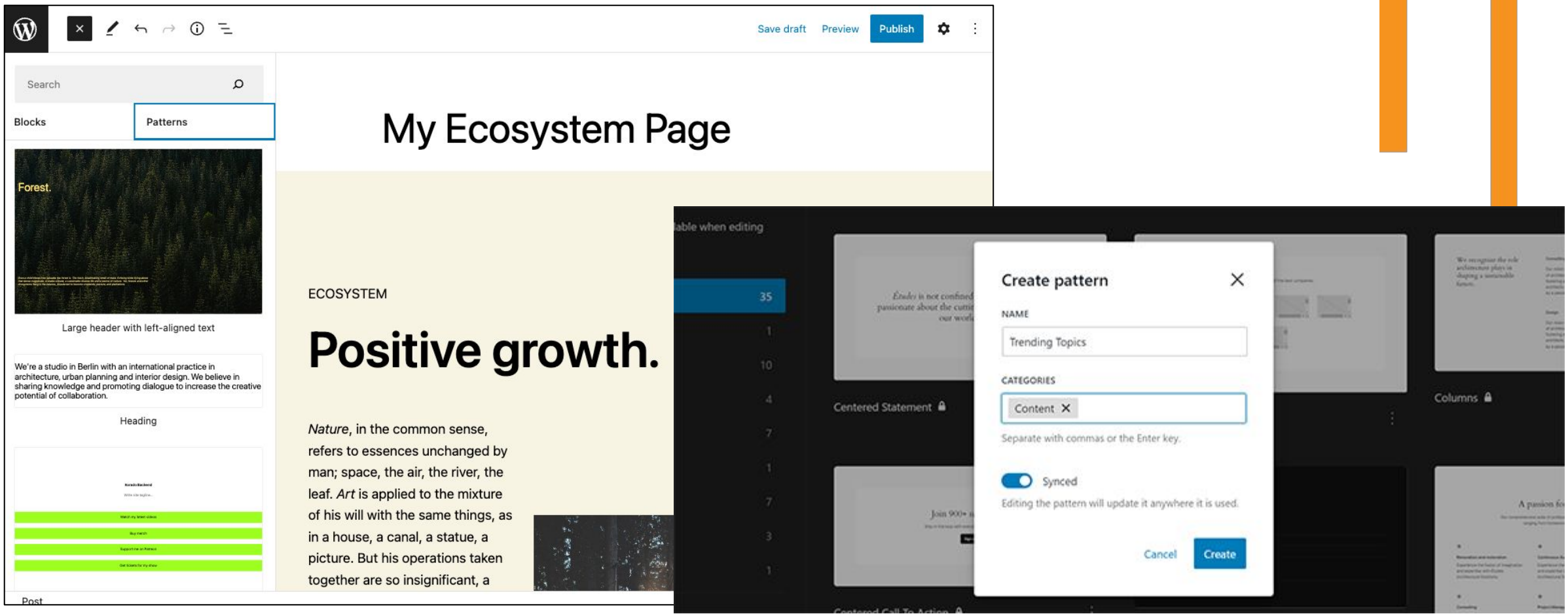
Ultimate Blocks

Stackable

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

jordan hlebarov

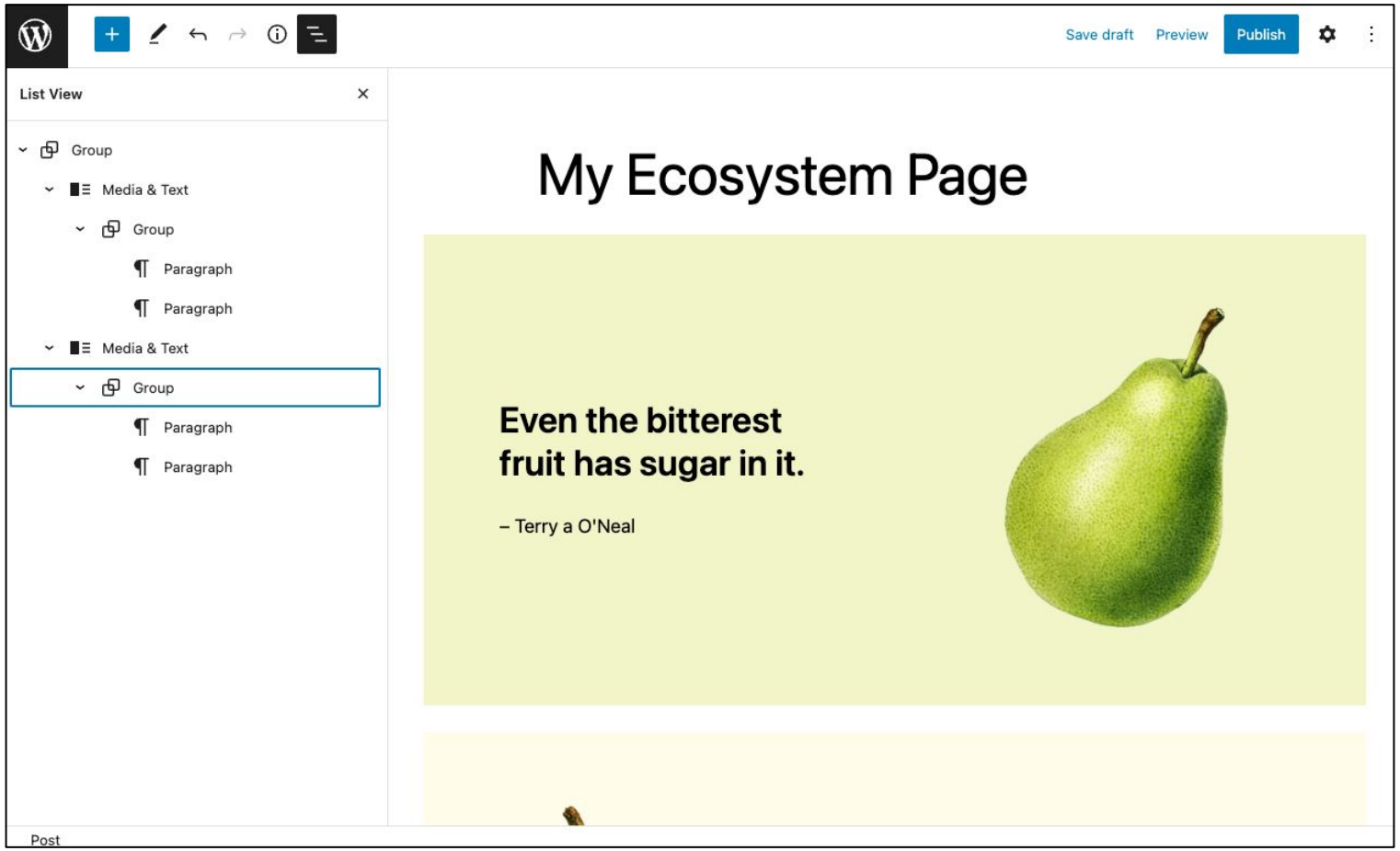
The (Gutenberg) Way



Create Your Own Patterns from the WordPress Core and WordPress Community

jordan hlebarov

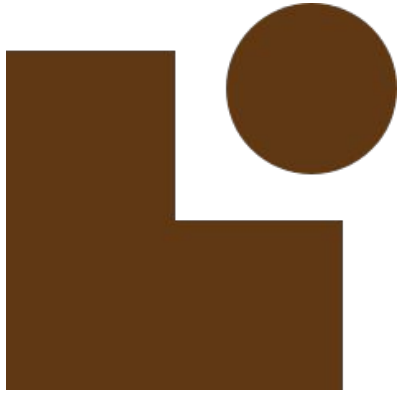
The (Gutenberg) Way



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

jordan hlebarov

The (Gutenberg) Way

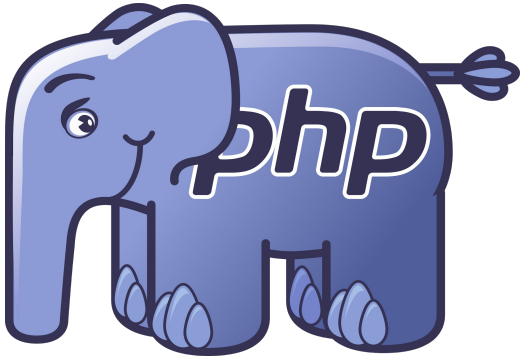


Develop your own Gutenberg block
(JS & React required)

```
import { __ } from "@wordpress/i18n";
import { registerBlockType } from "@wordpress/blocks";

import metadata from './block.json';

const {
  name,
  attributes,
  title,
  icon
} = metadata;

import {
  select,
  registerStore,
  subscribe,
  dispatch
} from '@wordpress/data';

import {
  InnerBlocks,
  InspectorControls,
  RichText
} from '@wordpress/block-editor';
```

jordan hlebarov

JS & React



VS.

jordan hlebarov

PHP...

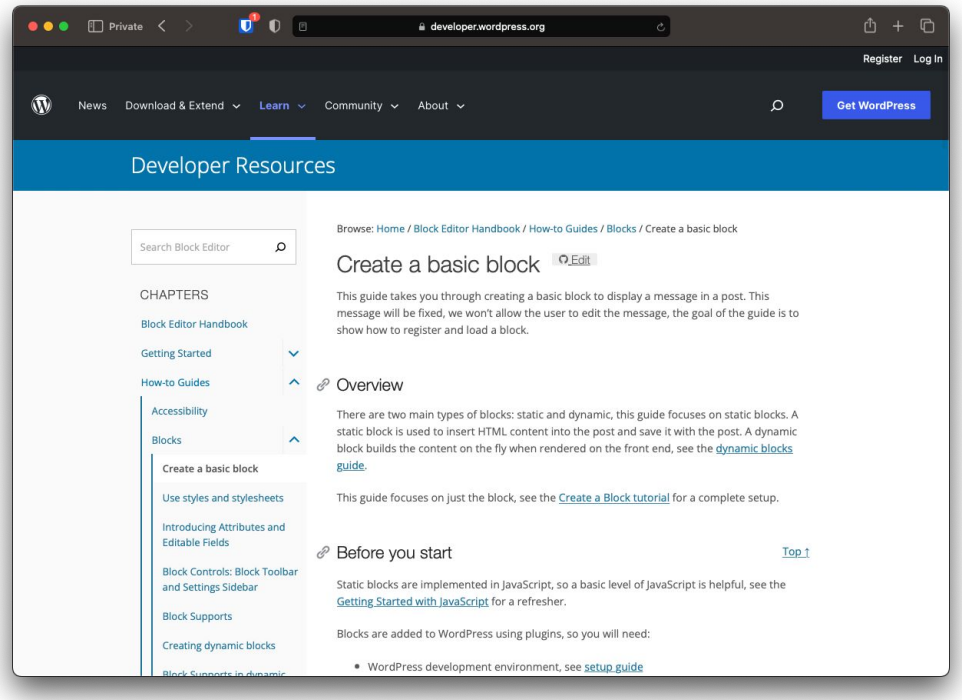
jordan hlebarov

Gutenberg Blocks in PHP

- 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
- Significant progress with compliance with WordPress Gutenberg APIs over the last year

** 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/*

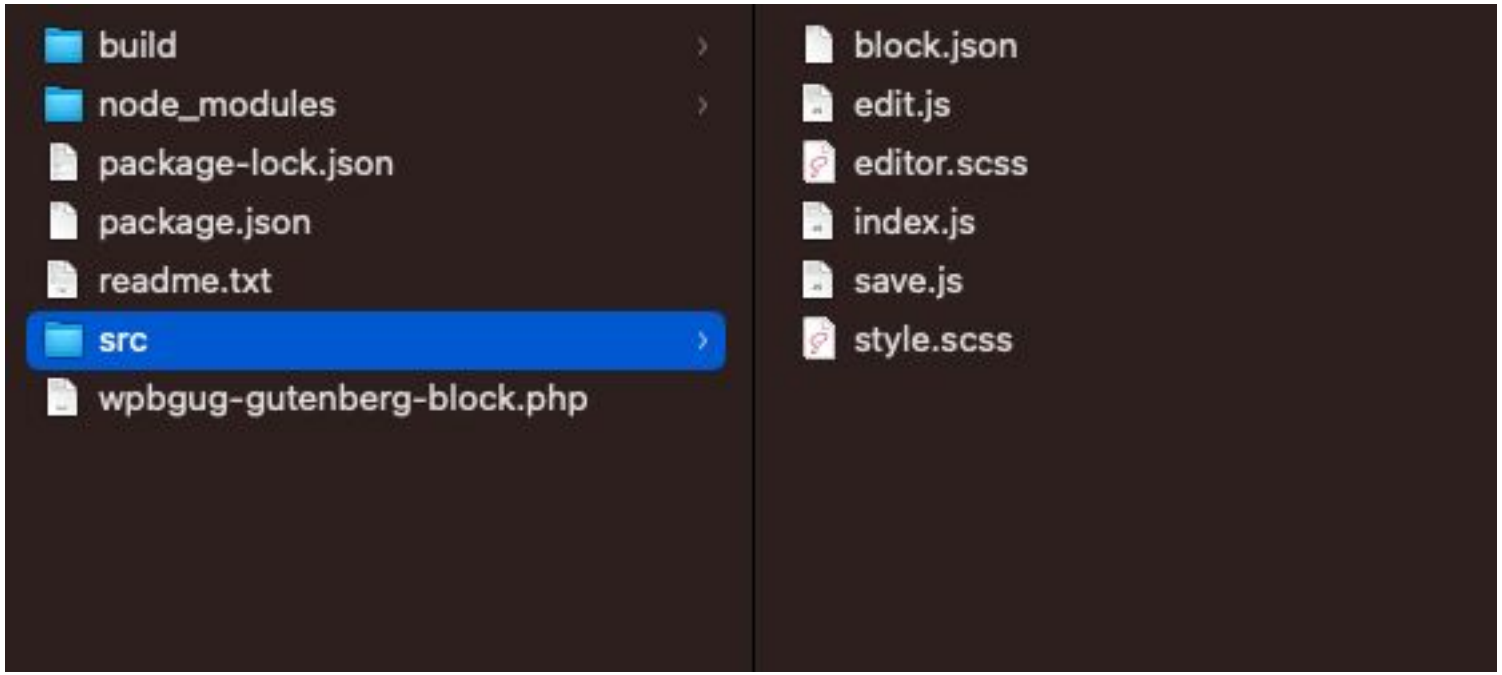
jordan hlebarov

Anatomy of a Block

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

jordan hlebarov

Anatomy of a Block



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

jordan hlebarov

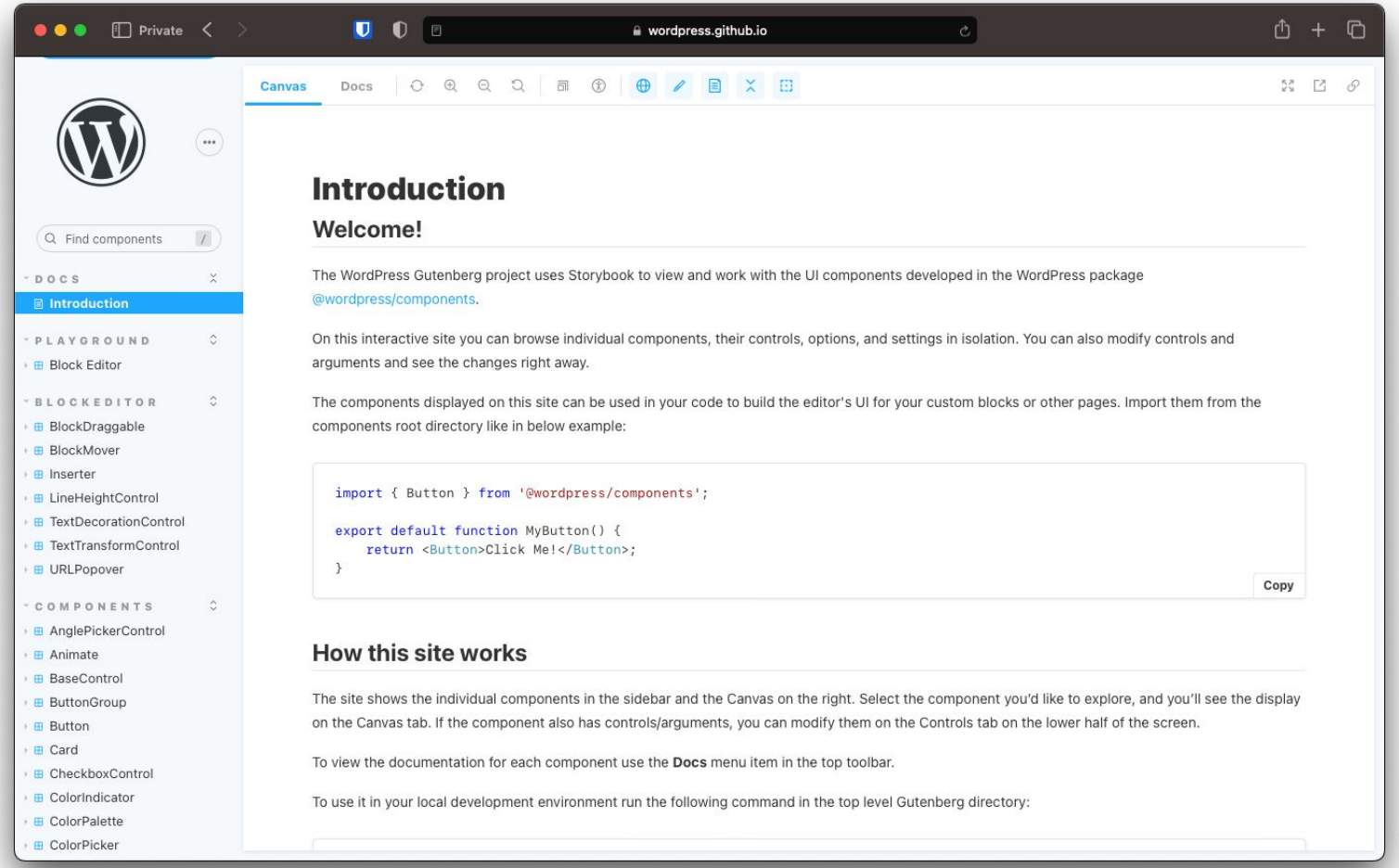
FINDING YOUR WAY IN **GUTENBERG**

(Rant about) Gutenberg Development

- WordPress's famous "backwards compatibility" is no more
- Core documentation is questionable at best
- "Debug-it-yourself" approach
- Slow introduction of new features (it gets better though!)
- And much more....

jordan hlebarov

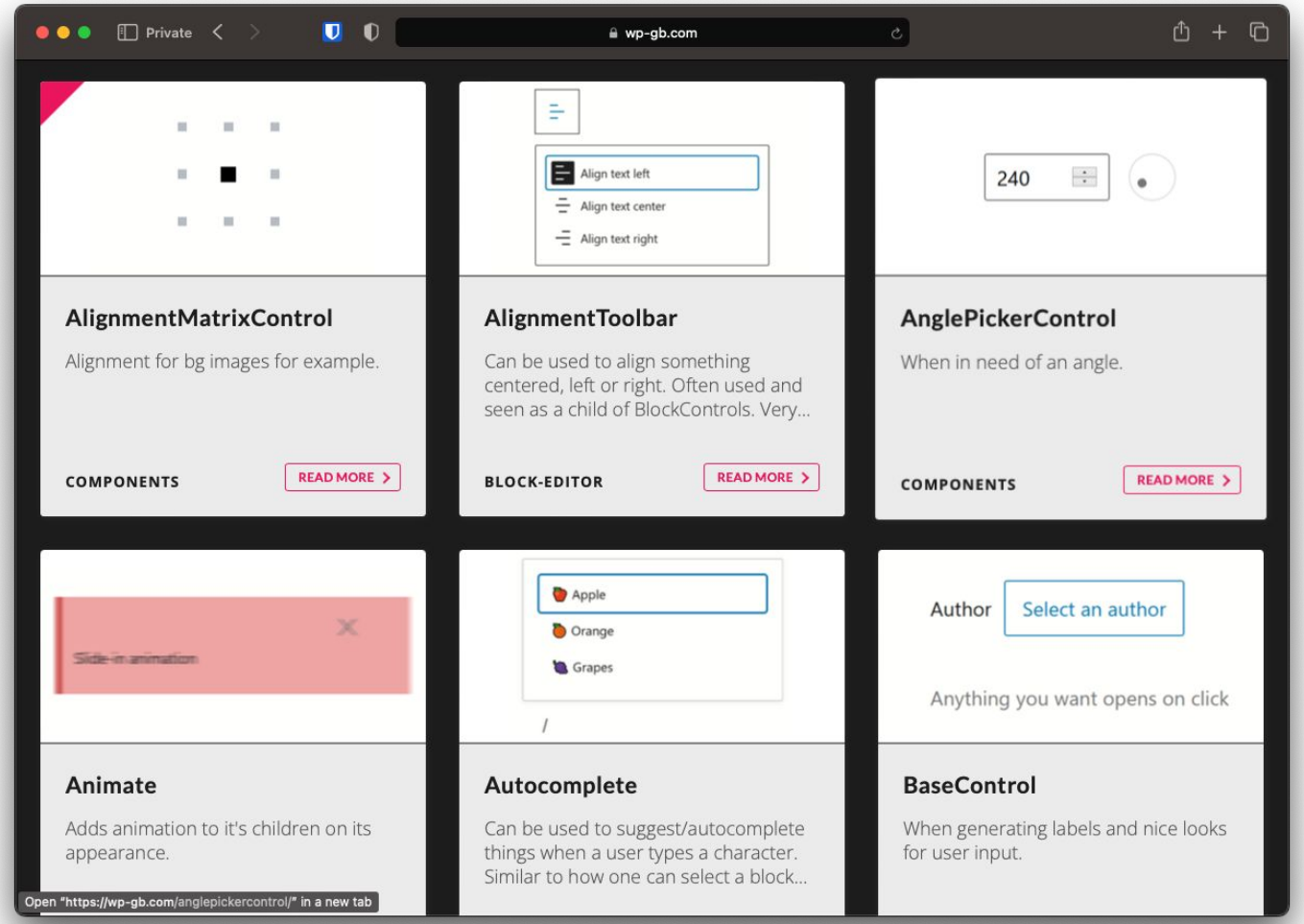
Pack up for the Journey (Block Components)



jordan hlebarov

** https://wordpress.github.io/gutenberg/?path=/story/docs-introduction--page*

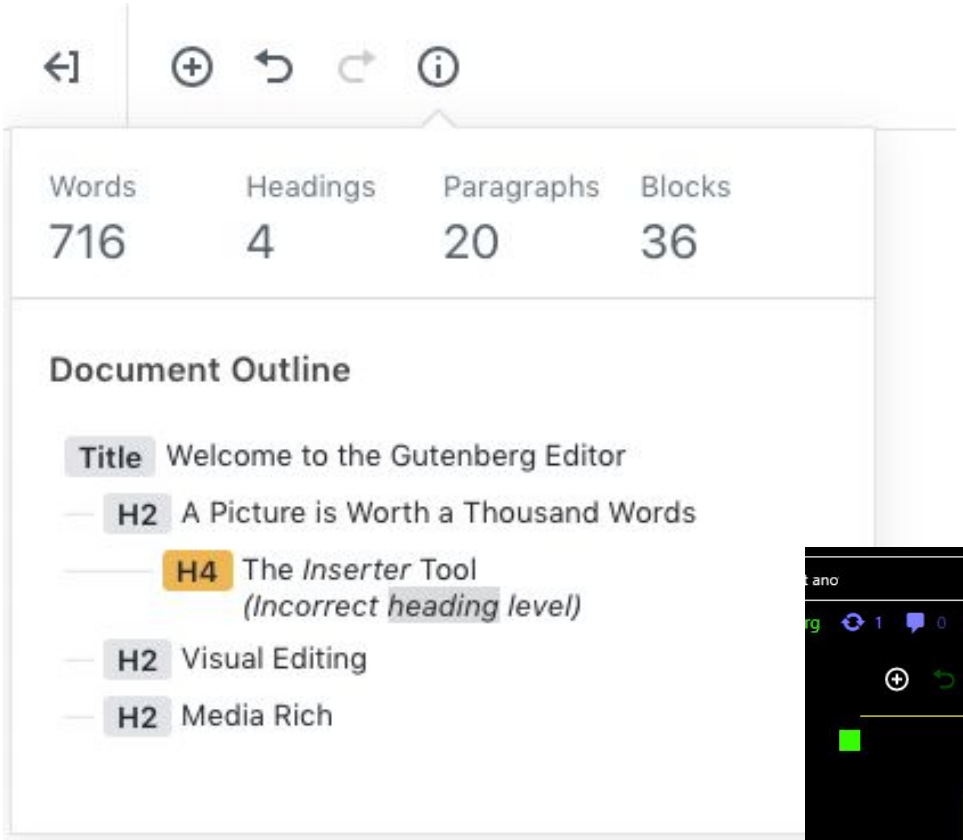
Control the Journey (Block Controls)



* https://wp-gb.com

jordan hlebarov

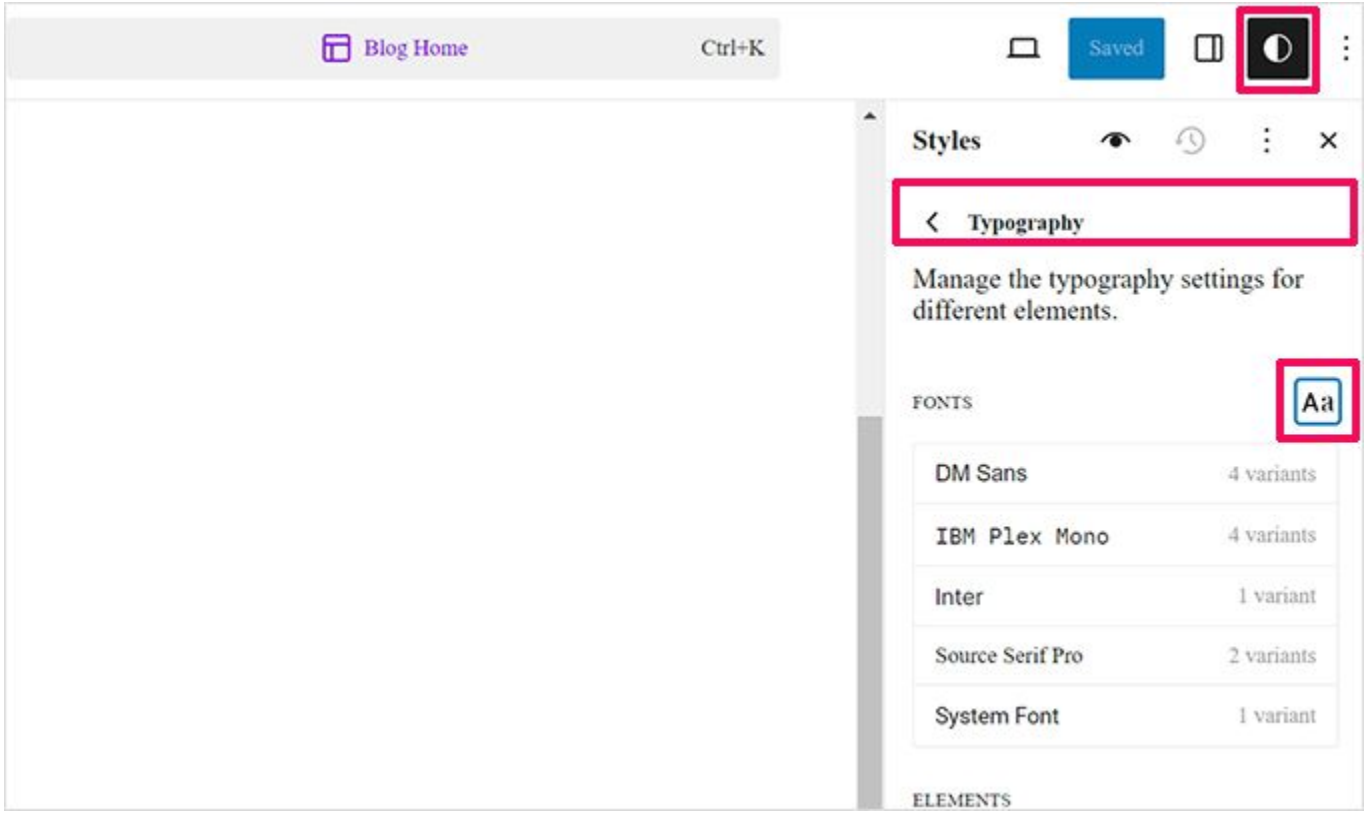
Be Aware of the Journey (Accessibility)

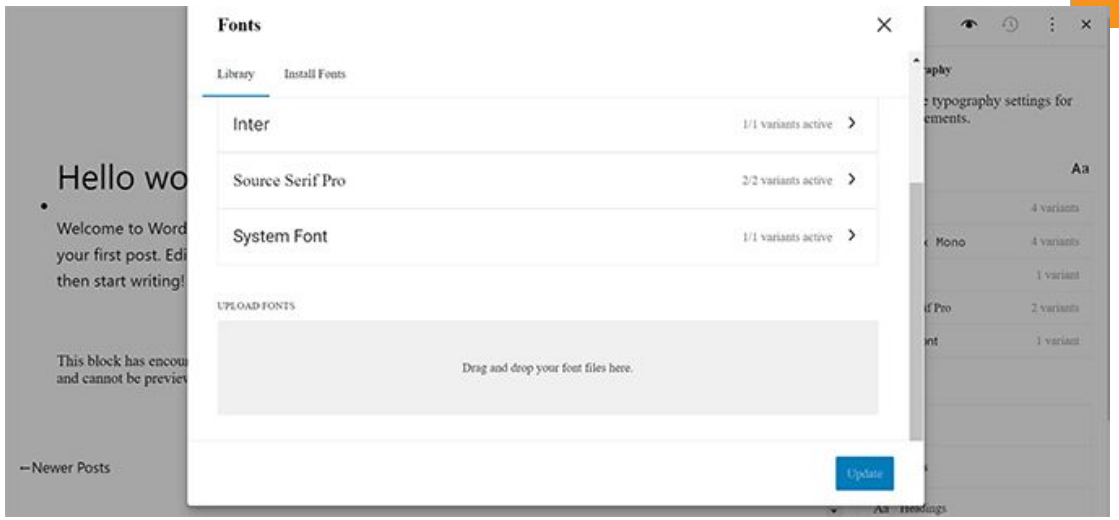


jordan hlebarov

* https://make.wordpress.org/core/2018/10/18/regarding-accessibility-in-gutenberg/

Tame the fonts! (Fonts API)

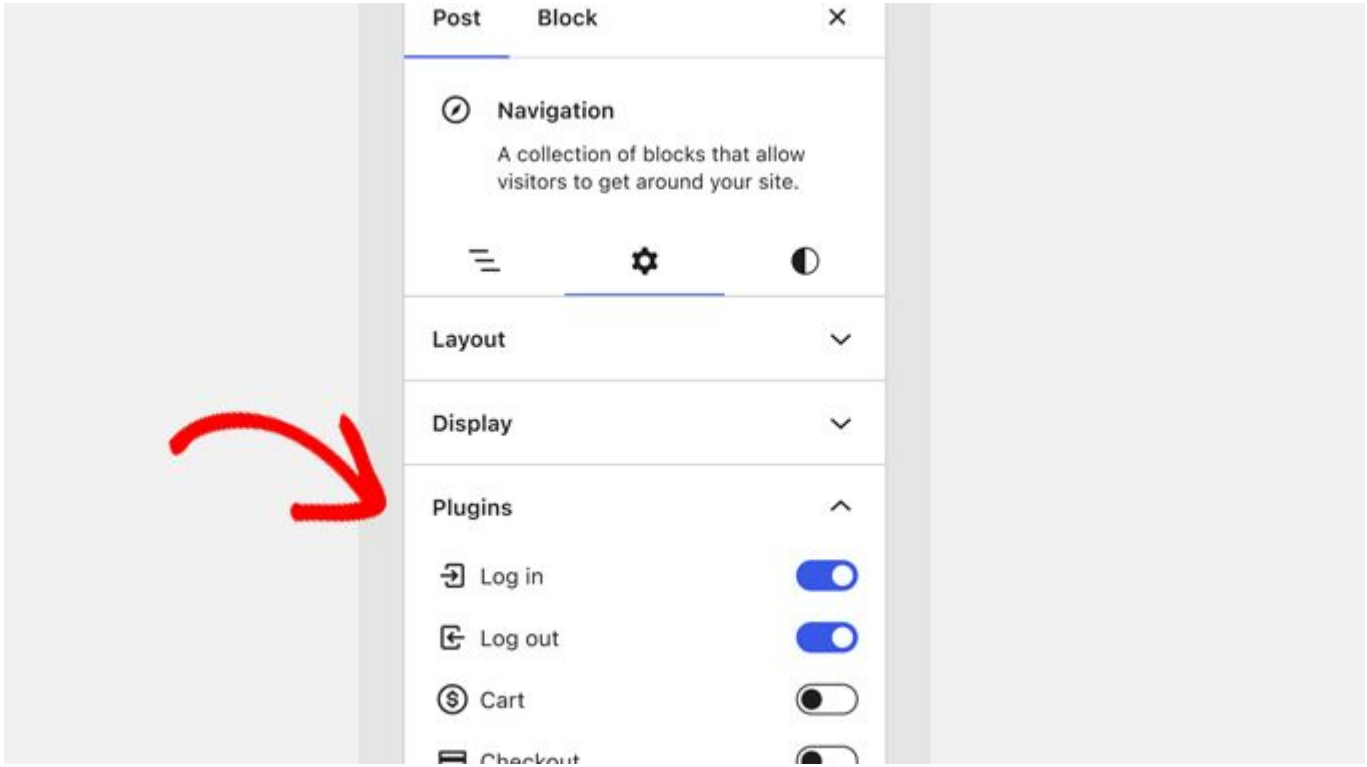




jordan hlebarov

** Coming up in WordPress 6.4*

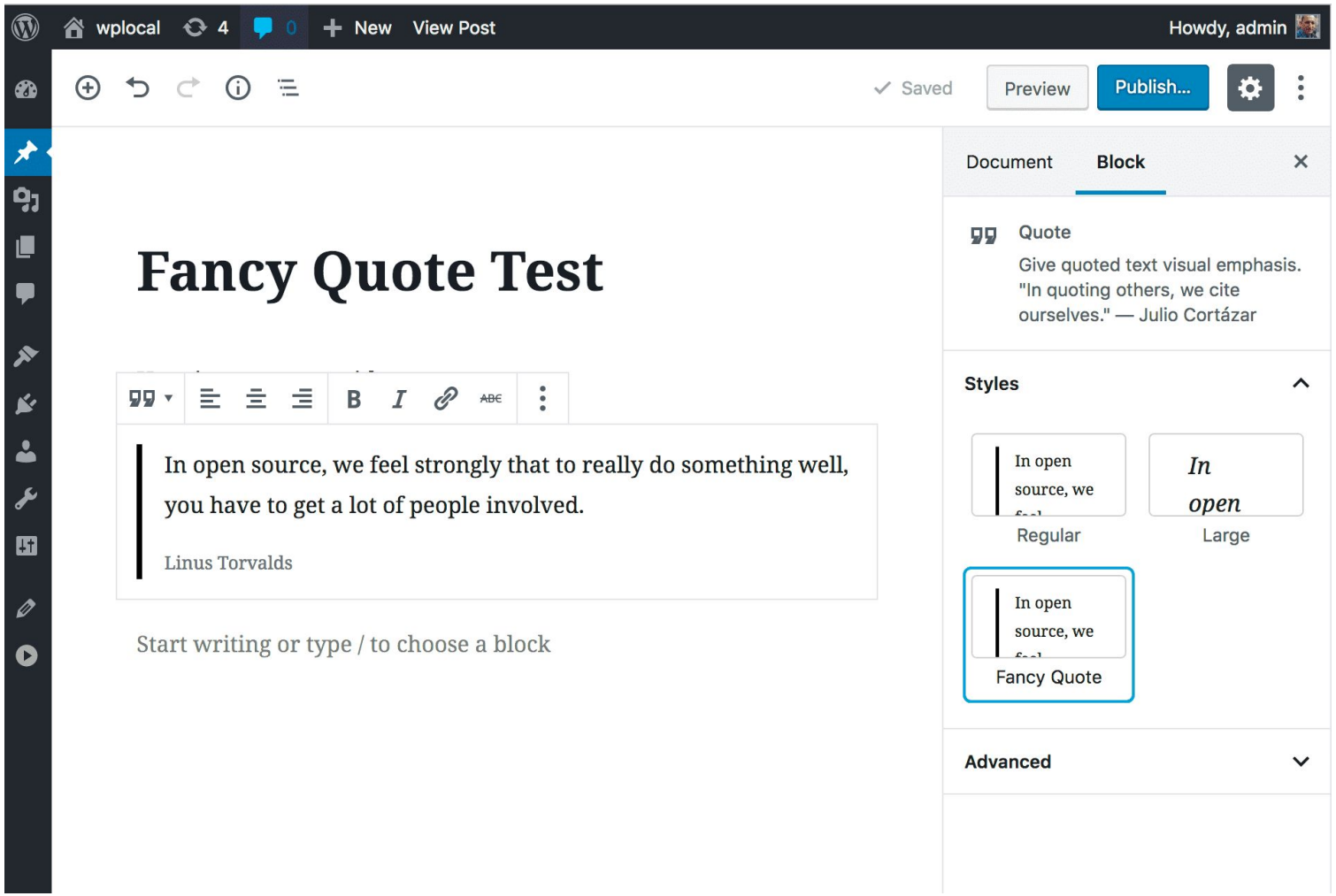
Hook it!
(Block hooks)



jordan hlebarov

** Coming up in WordPress 6.4*

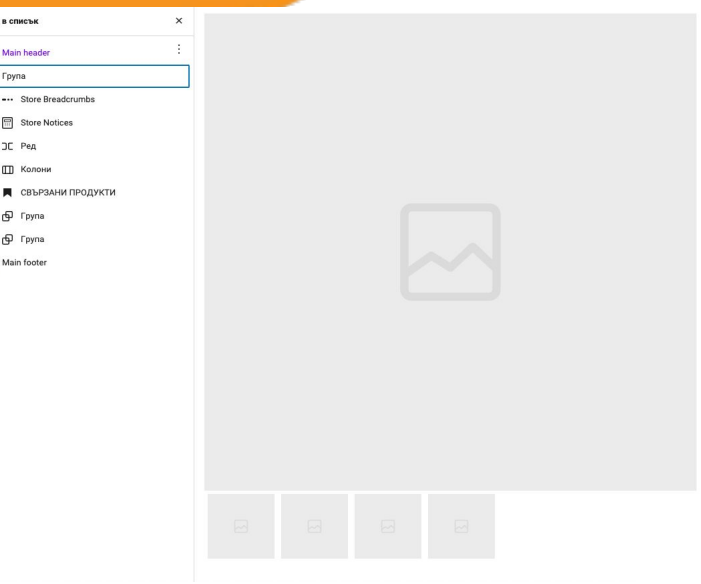
Extend Gutenberg blocks

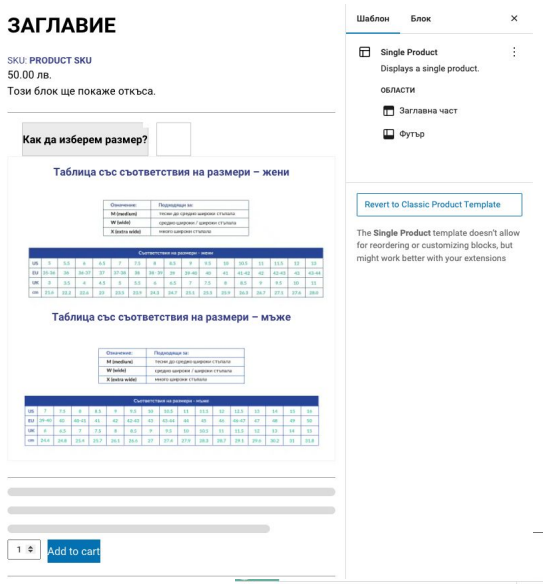


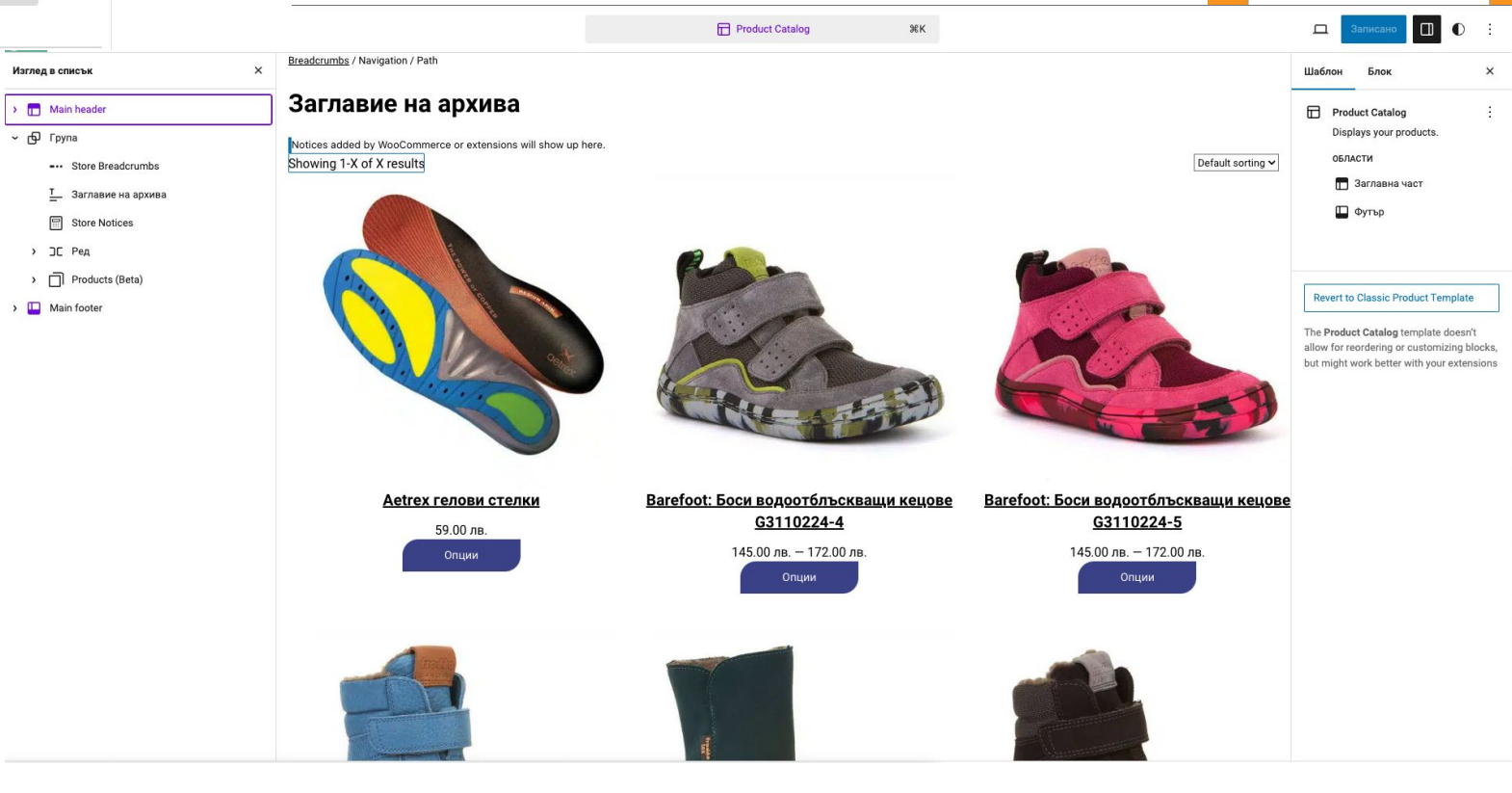
jordan hlebarov

* https://developer.wordpress.org/block-editor/how-to-guides/javascript/extending-the-block-editor/

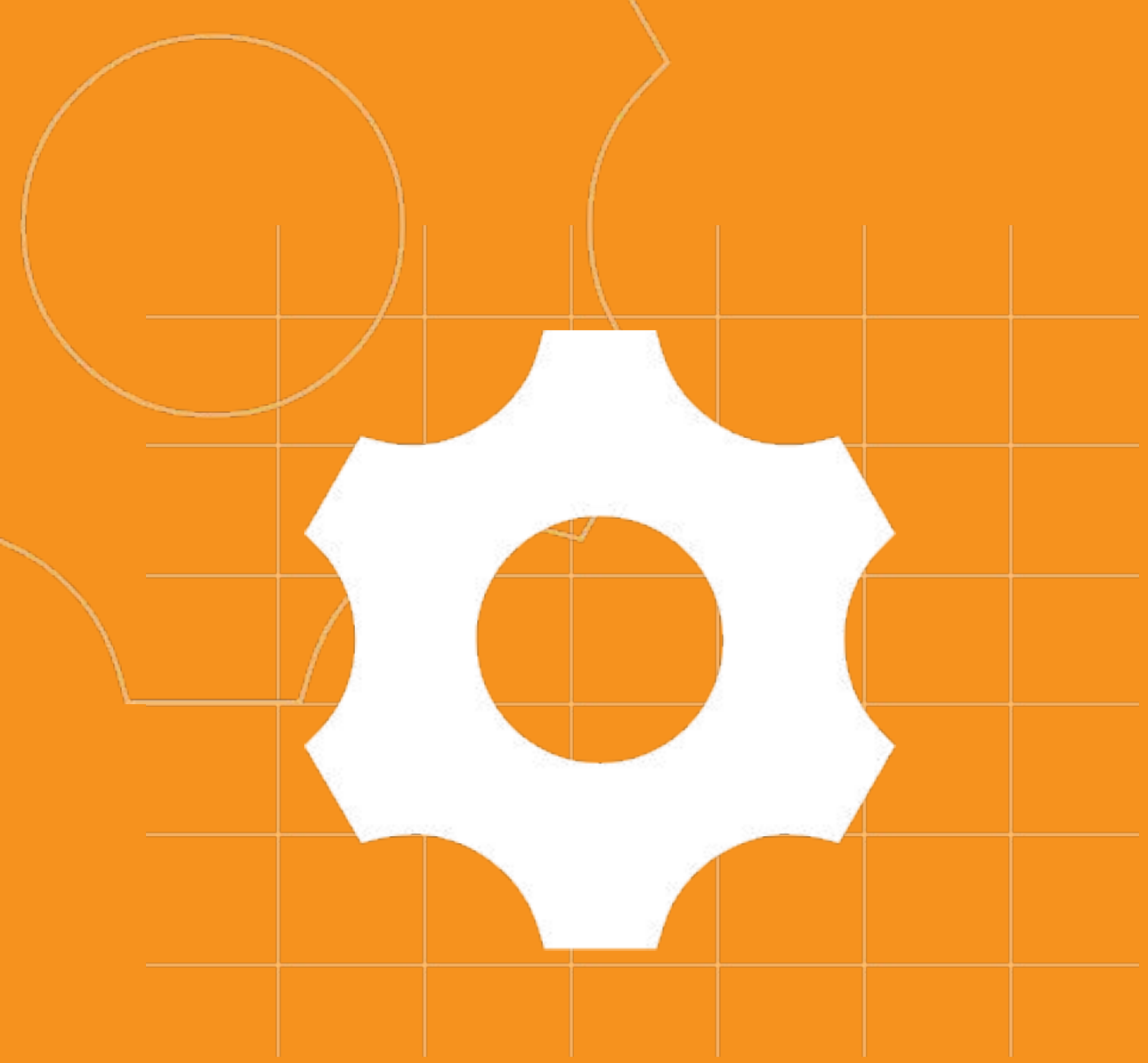
Sell stuff (WooCommerce)







jordan hlebarov



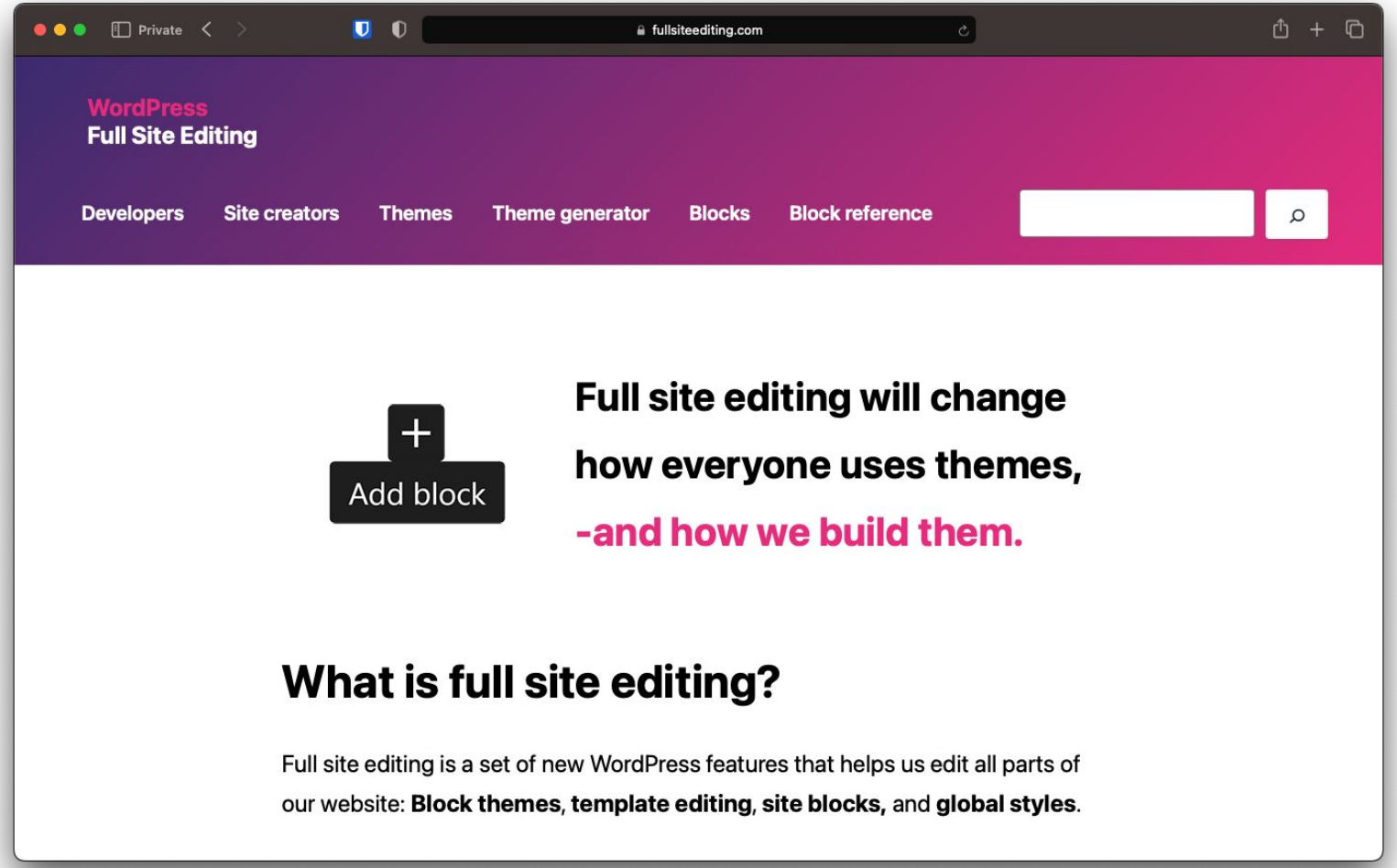
A NEW WAY AHEAD
SITE EDITOR

Site Editor

* https://developer.wordpress.org/block-editor/getting-started/full-site-editing/

jordan hlebarov

Site Editor Reference



jordan hlebarov

* https://fullsiteediting.com/

The Future Way of Theming

- "**Site Editor**" themes

  vs.

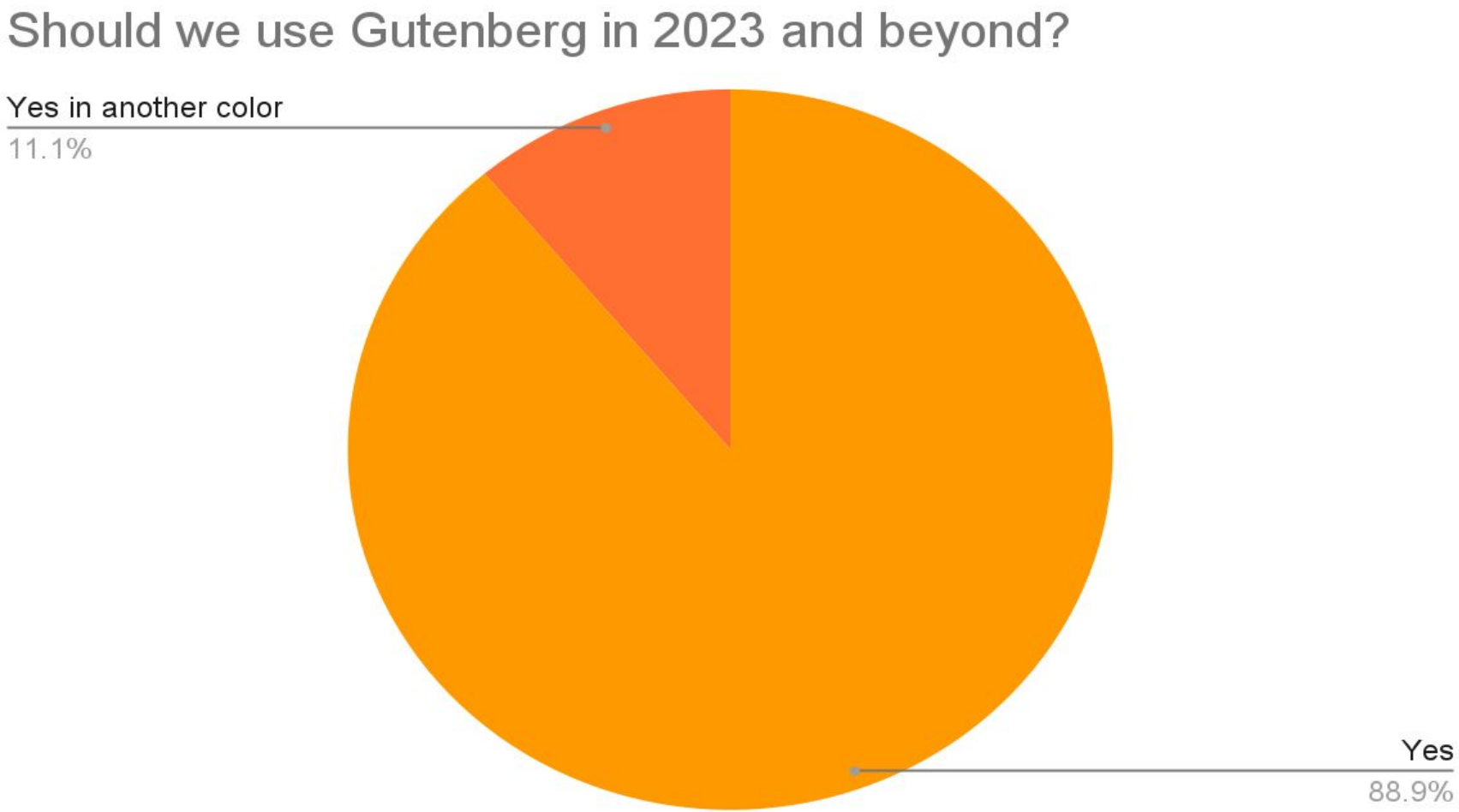
- "**Classic**" themes (sunsetting)

  vs.

- "**Hybrid**" themes (meh, it's ok)

jordan hlebarov

Where Are We Going Now?



jordan hlebarov

PITSTOP OF THIS JOURNEY **YOUR QUESTIONS?**

PIXEL academy

Introduction to WordPress Theme Development

ЙОРДАН
ХЛЕБАРОВ
JD

https://bit.ly/wpthemeintro

29 януари 2024