

# THE STATE OF JAVASCRIPT CODE COMPONENTS IN DRUPAL CANVAS

■ Florida DrupalCamp 2026

■ @balintbrews

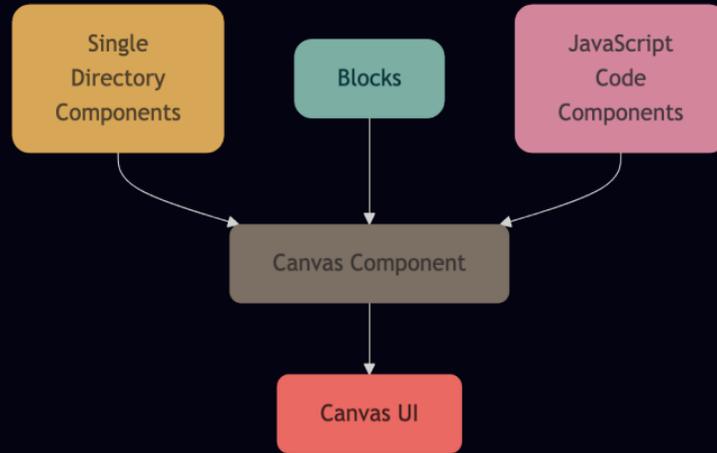
# Drupal Canvas

- Drupal's new visual page builder
- It ships by default with Drupal CMS 2

💡 Tip

"Drupal Canvas: Building Drupal's Future in the Age of AI"  
Lauri Timmanee | 11:00 AM @ 159

# Canvas component architecture



# Developer experience

## ■ JavaScript Code Components:

React + Tailwind CSS + built-in code editor

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## ■ Local development environment

JavaScript tooling:

- Codebase scaffold + starter templates
- Utility functions and components
- Linting rules
- Vite plugin

```
$ npx @drupal-canvas/create@latest
```

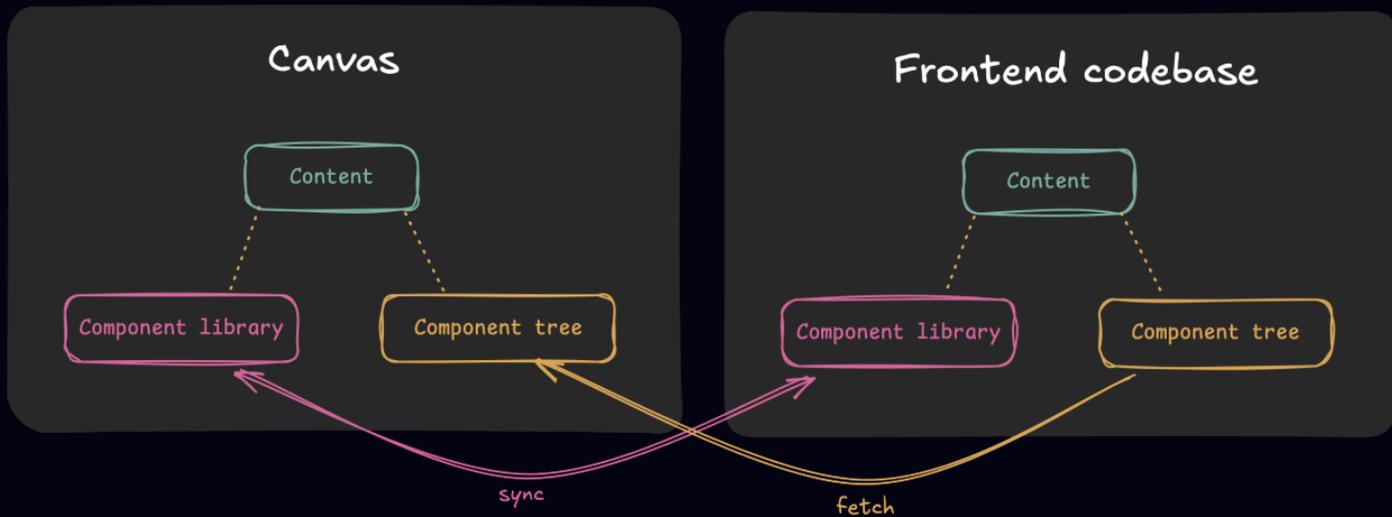
# Agentic skills

```
$ npx skills add drupal-canvas/skills
```

Example prompt:

Both the Hero and Pricing Table components render the same style of button. Create a new standalone Button component that can be used in both places.

# Canvas with a decoupled frontend



# Canvas with a decoupled frontend

<https://balintbrews.com/drupal-canvas-decoupled>

# The Good

Available today:

- npm packages for modern JS tooling:
  - [@drupal-canvas/create](#)
  - [@drupal-canvas/cli](#)
  - [drupal-canvas](#)
    - Data fetching
    - Image optimization
    - Various utility functions
  - [@drupal-canvas/eslint-config](#)
  - [@drupal-canvas/vite-plugin](#)
- Agentic skills
  - [drupal-canvas/skills](#)



# The Bad

## ■ Coming soon:

- Arbitrary directory structure and imports
- TypeScript support
- Third-party dependencies
- Custom fonts

→ #3560197: [META] Flexible Code Component codebases



# The Ugly

## ■ Coming later:

- Server-side rendering
- Compatibility with Drupal themes
  - Tailwind CSS (##3549628)
  - Arbitrary styling
- Focal point and other image processing needs



# The Awesome

- (Decoupled frontend →) Decoupled UI development workflow
- Battle-tested in production
- Did I mention the React/JavaScript ecosystem?

# Single-Directory Components vs. JavaScript Code Components

	SDC	JCC
Ecosystem: React/JavaScript	▲	✓
Ecosystem: Drupal	✓	▲
Data fetching	✓	▲
SSR	✓	■
Decoupled frontend	■	✓
Decoupled UI dev workflow	▲	✓
LLM-friendly	▲	✓

## 💡 Tip

Canvas lets you mix and match.