

Sharing State between components & frameworks

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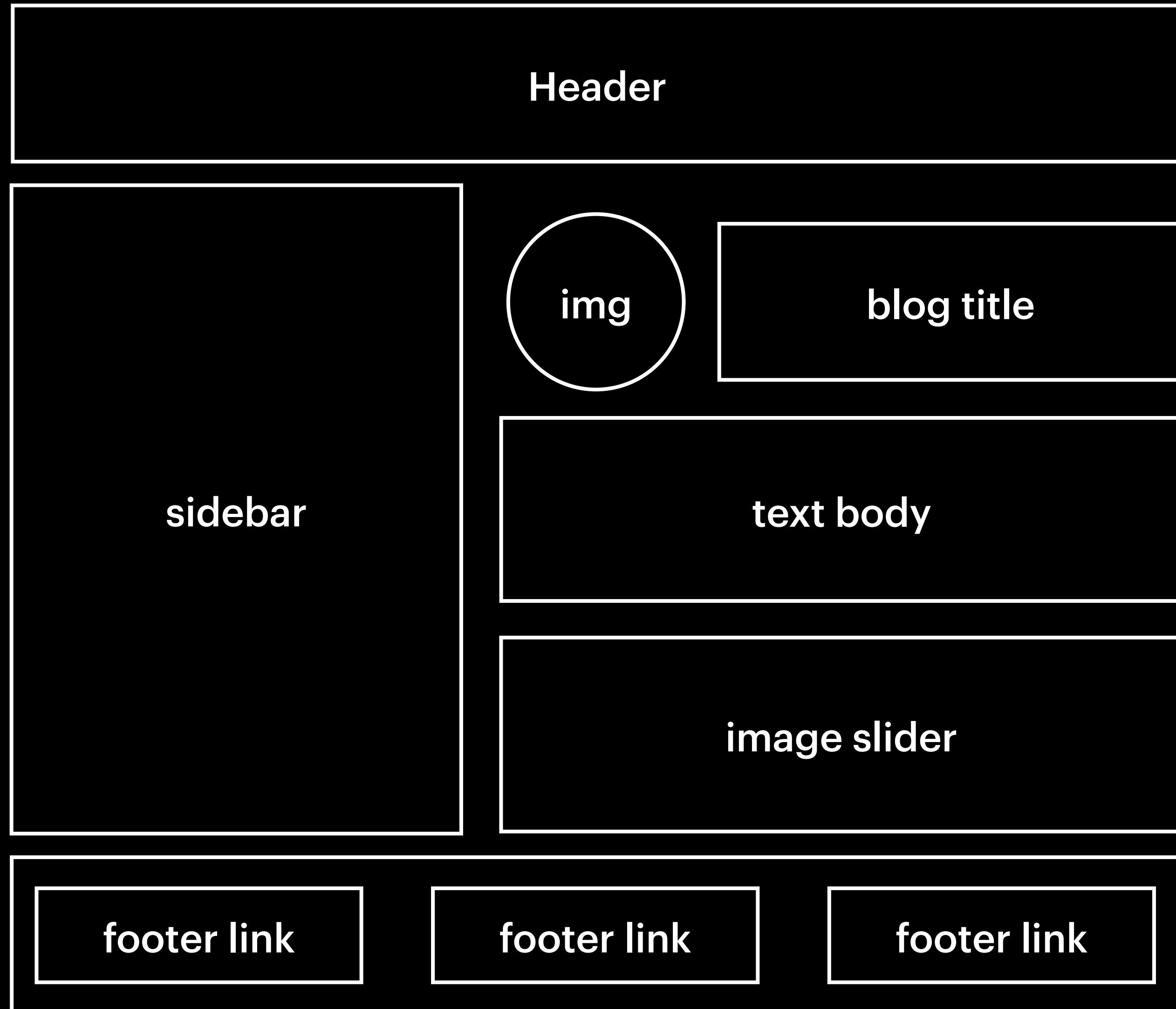
 astro



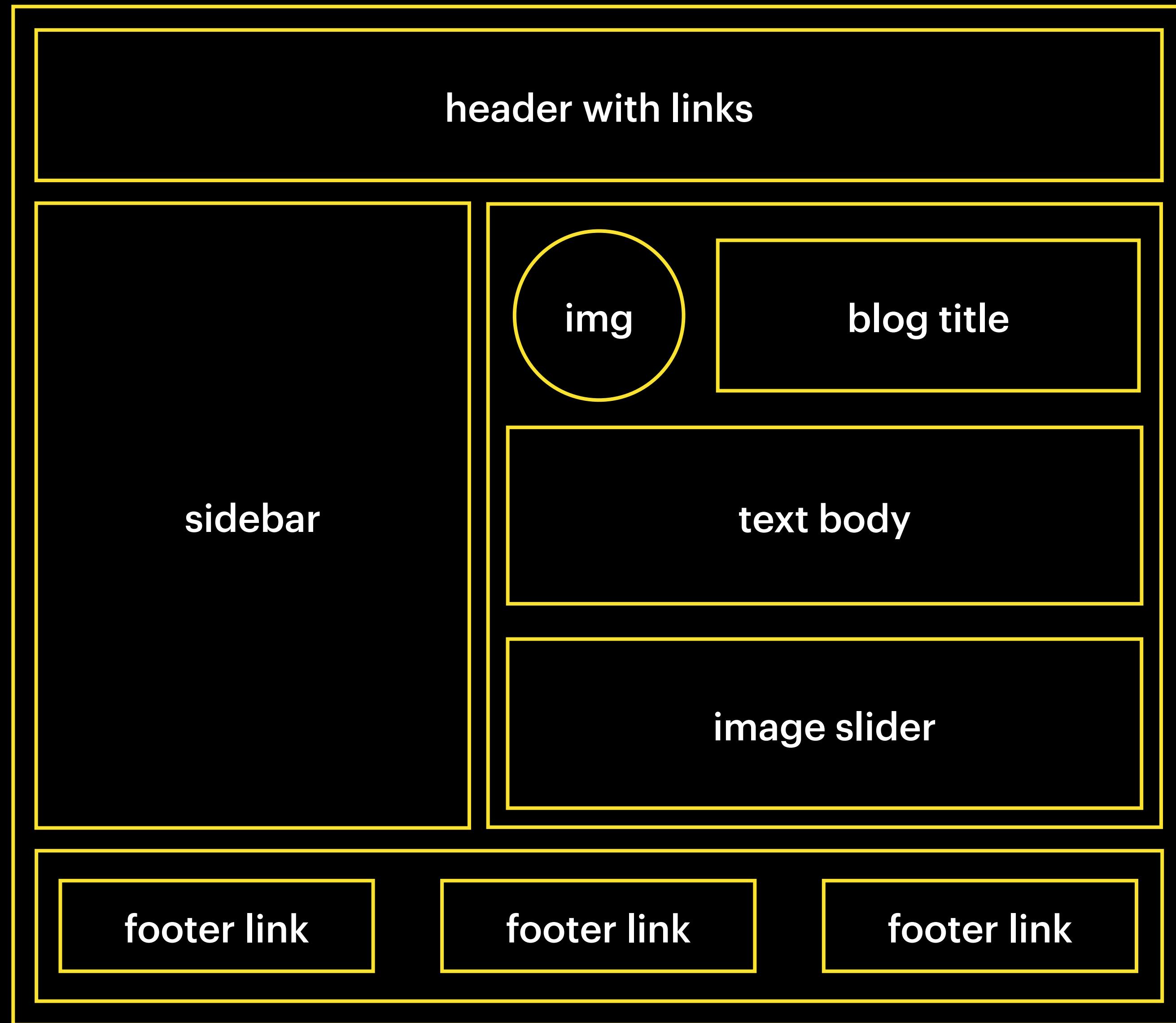
Islands architecture

islands architecture

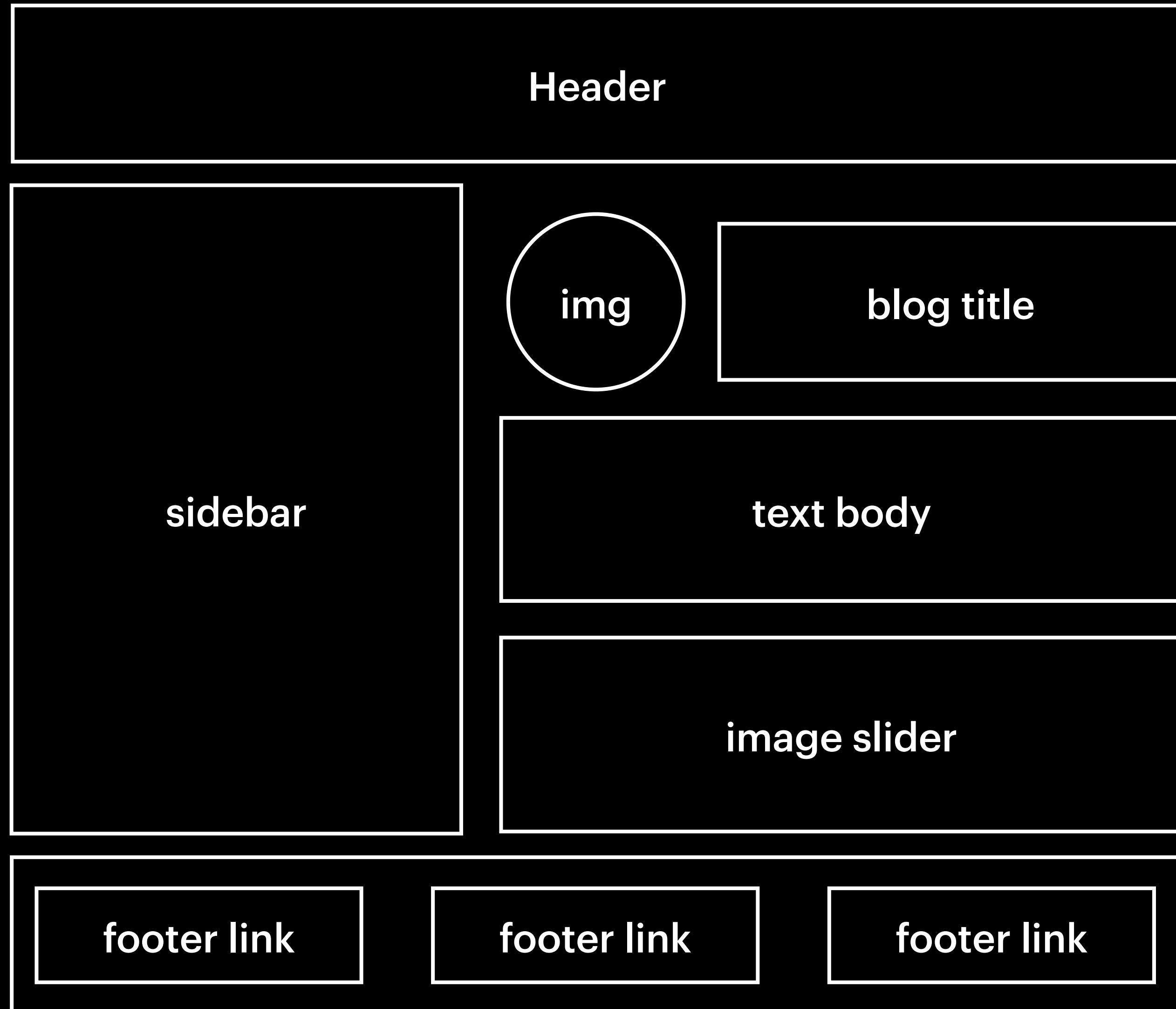
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app.tsx



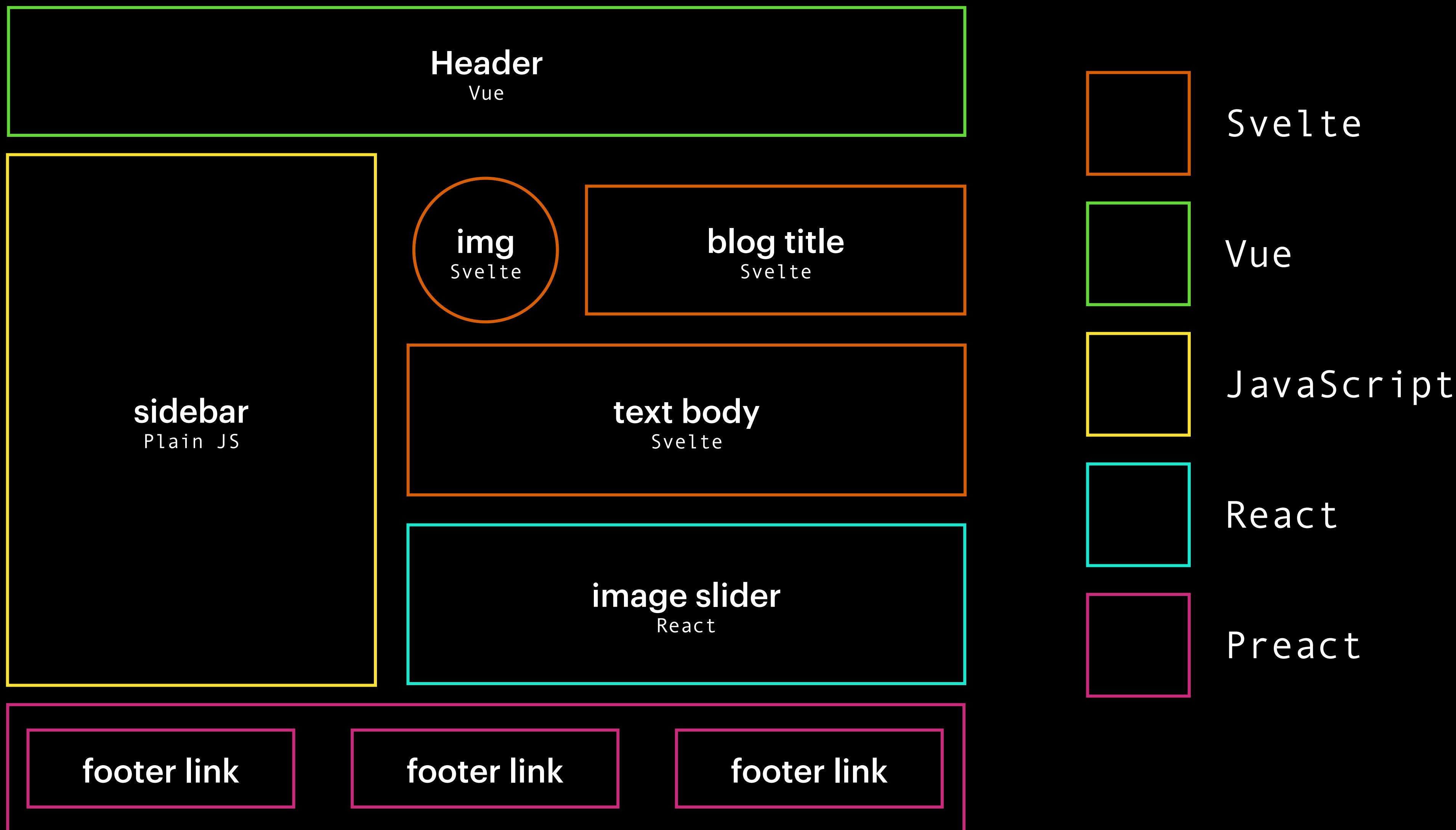
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Partial Hydration

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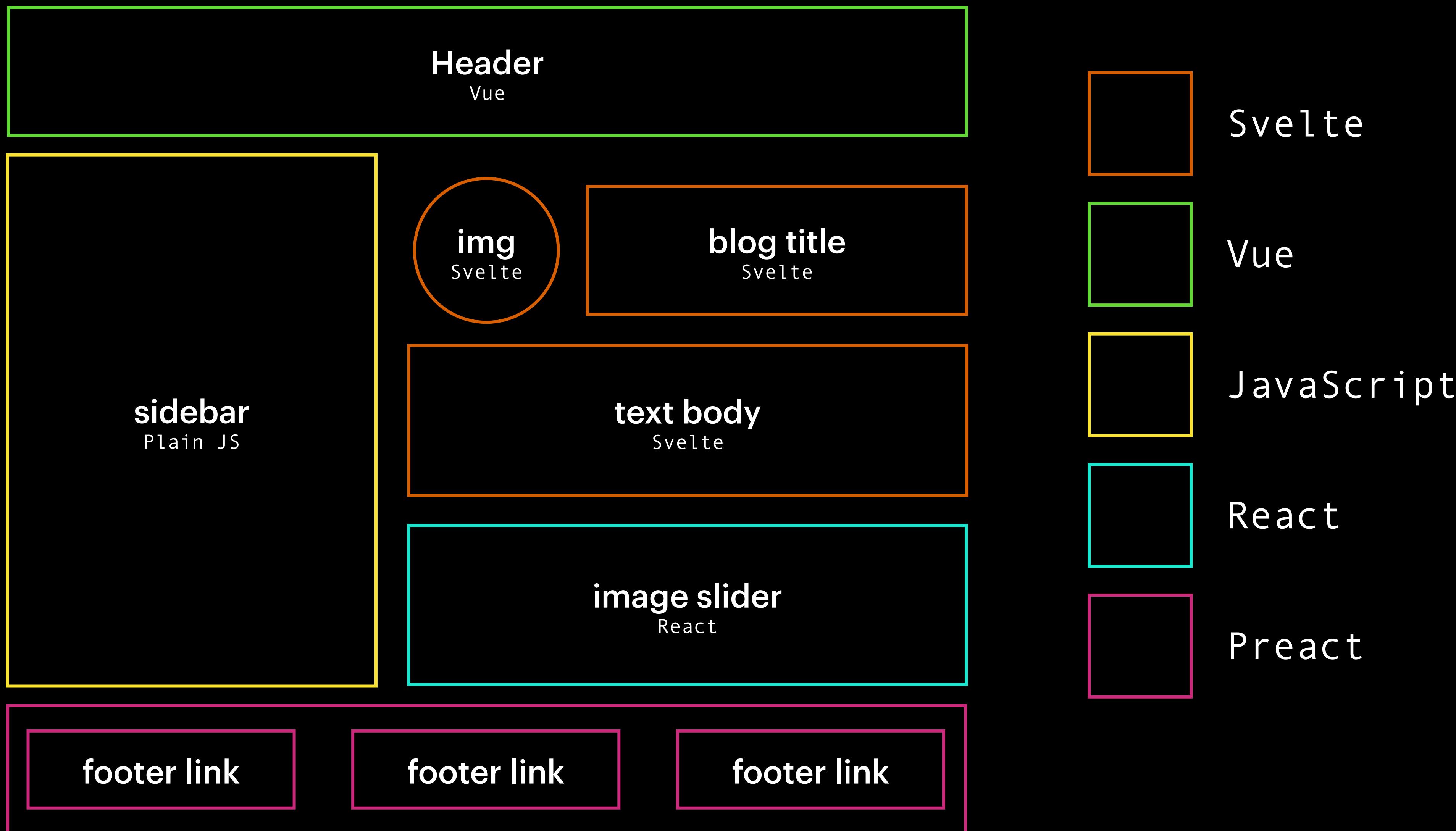
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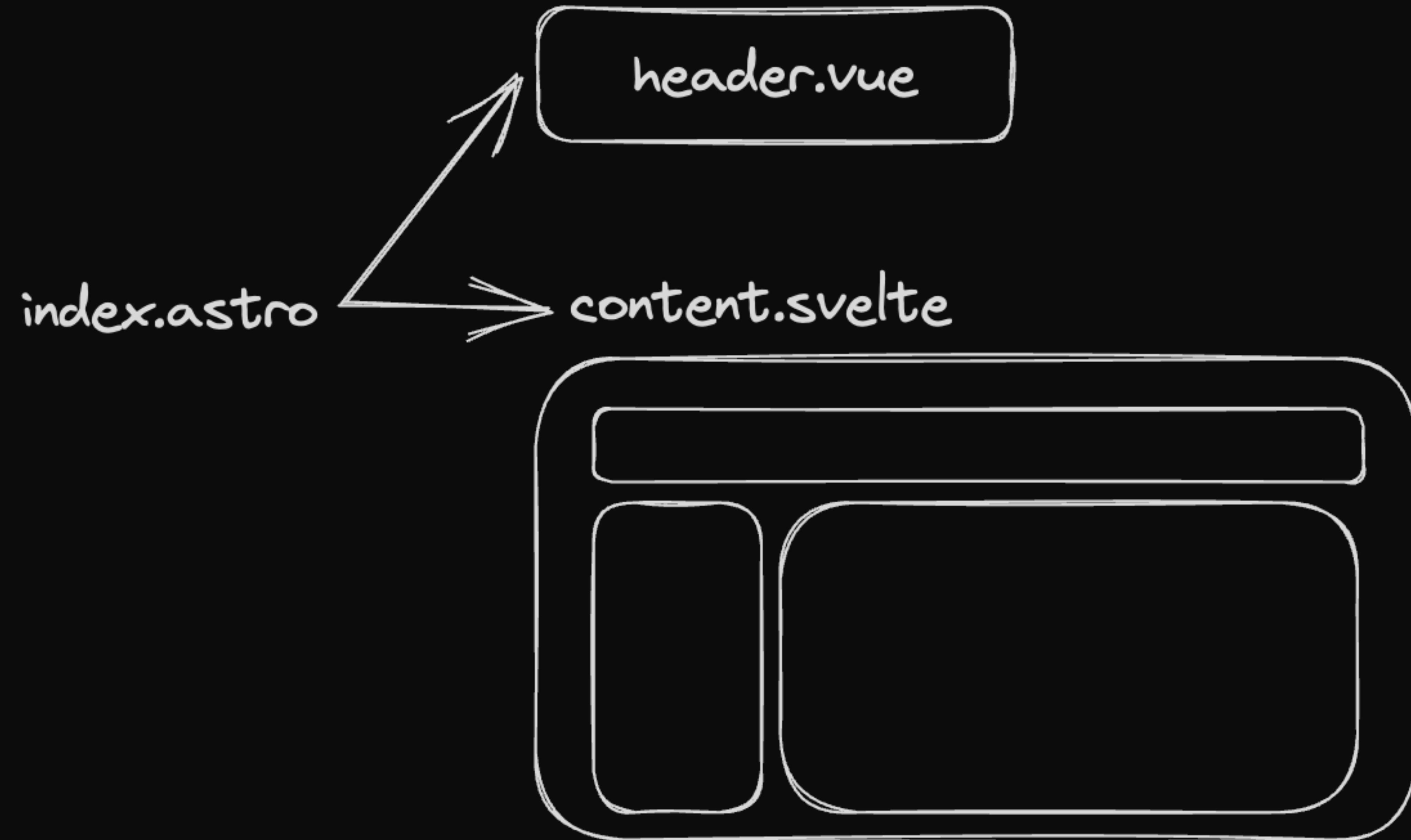


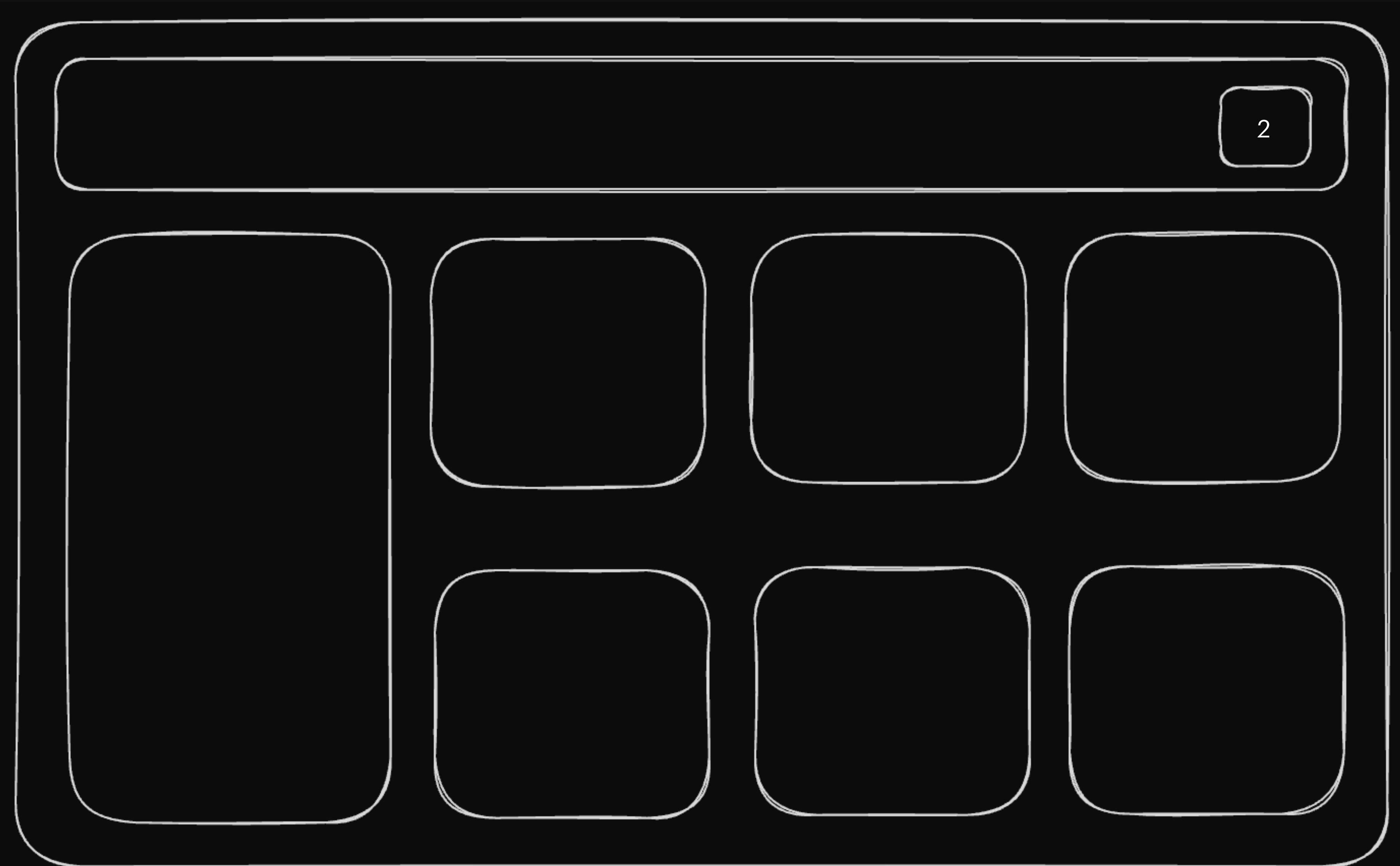
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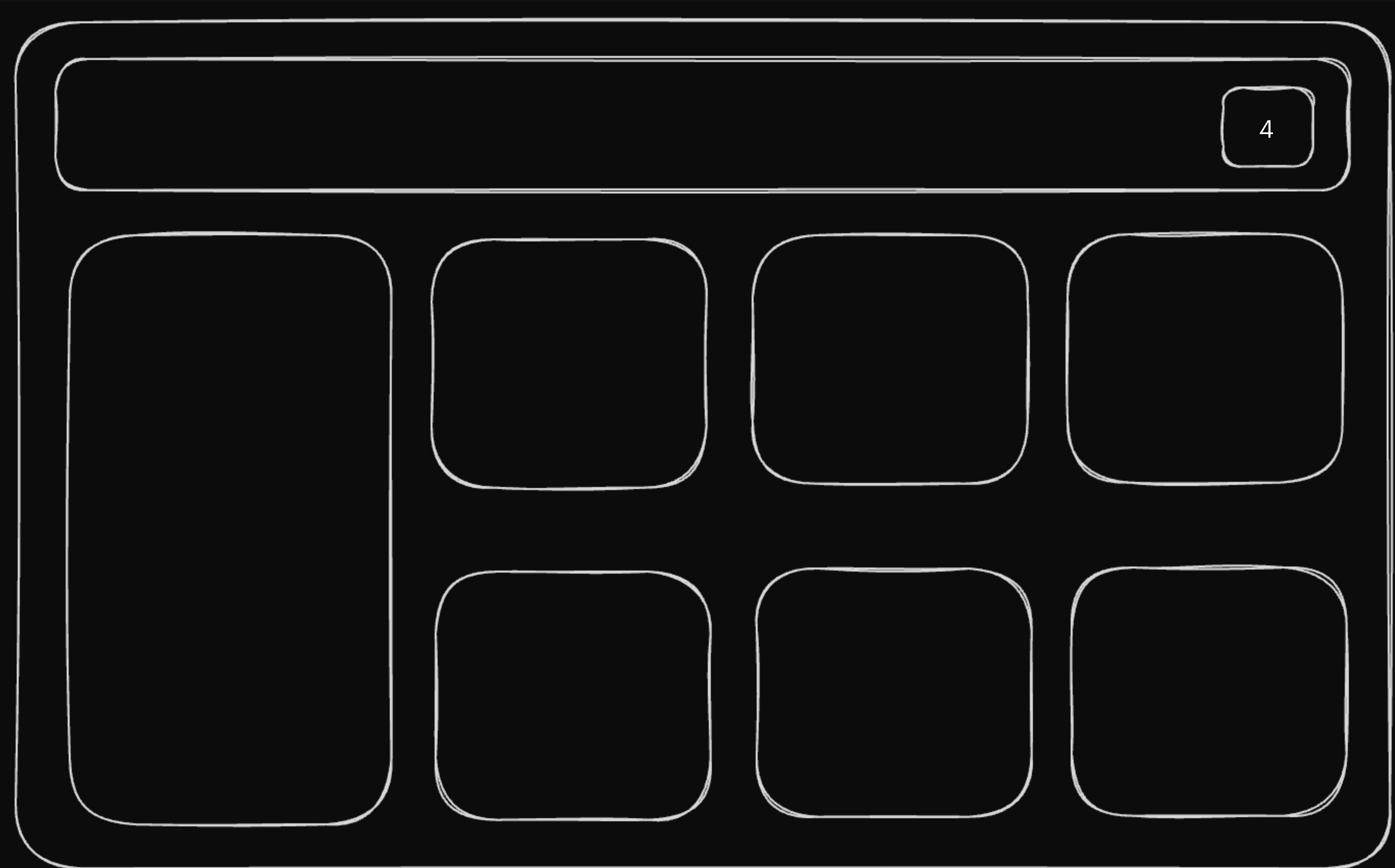
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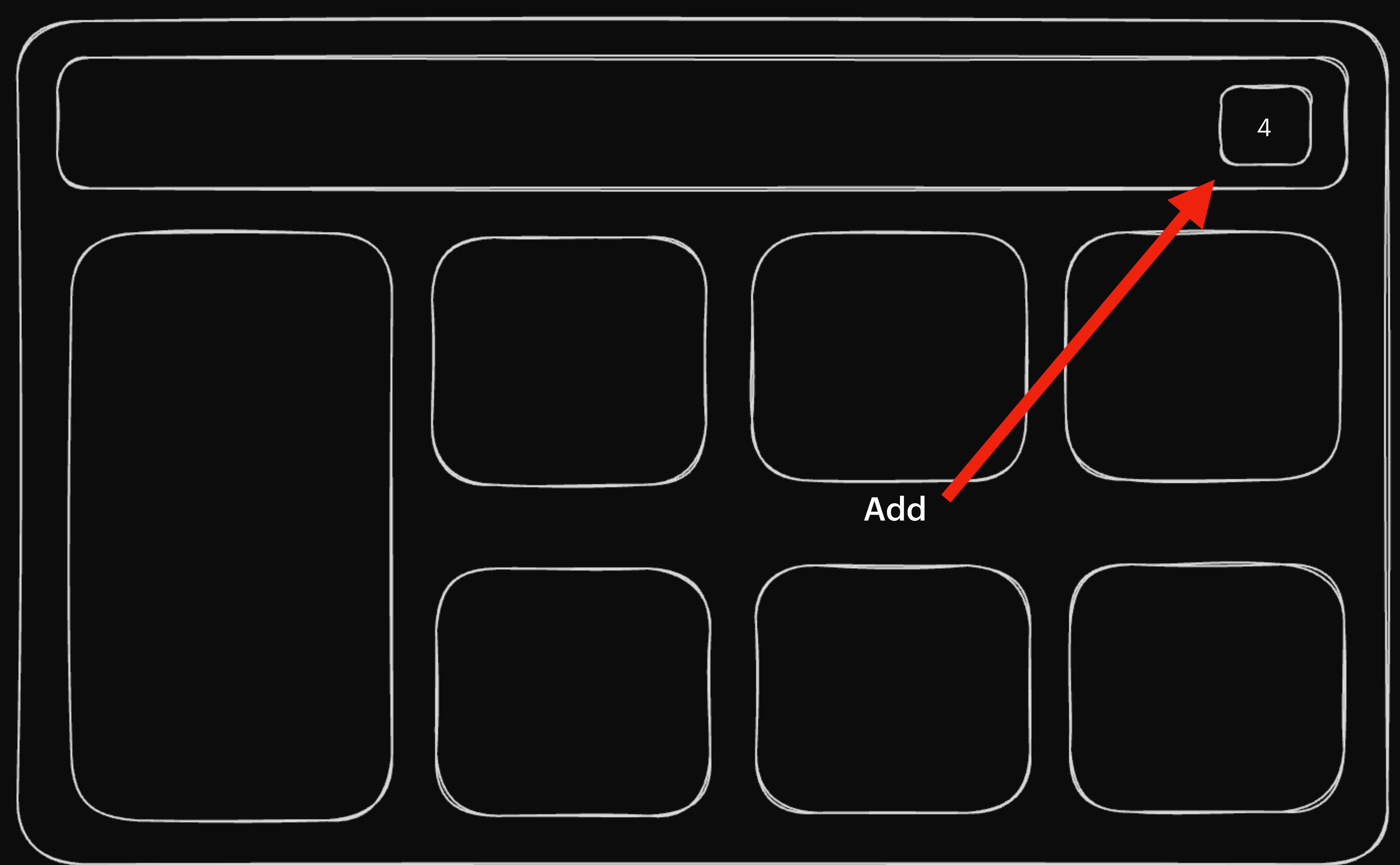
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State?

2090€





DEMO TIME

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Share State Between Islands

When building an Astro website with [islands architecture / partial hydration](#), you may have run into this problem: I want to share state between my components.

UI frameworks like React or Vue may encourage ["context" providers](#) for other components to consume. But when [partially hydrating components](#) within Astro or Markdown, you can't use these context wrappers.

Astro recommends a different solution for shared client-side storage: [Nano Stores](#).

Why Nano Stores?

The [Nano Stores](#) library allows you to author stores that any component can interact with. We recommend Nano Stores because:

- They're **lightweight**. Nano Stores ship the bare minimum JS you'll need (less than 1 KB) with zero dependencies.
- They're **framework-agnostic**. This means sharing state between frameworks will be seamless! Astro is built on flexibility, so we love solutions that offer a similar developer experience no matter your preference.

[On this page](#)[Overview](#)[Why Nano Stores](#)[Installing Nano Stores](#)[Usage example - ecommerce cart flyout](#)[Using "atoms"](#)[Using "maps"](#)[Contribute](#)[Contributor Guides](#)[Edit this page](#)[Translate this page](#)[Community](#)[Join us on Discord](#)[Read our blog posts](#)[Our Open Collective](#)[Astro Docs on GitHub](#)[Give us feedback](#)

Still, there are a number of alternatives you can explore. These include:

- [Svelte's built-in stores](#)
- [Solid signals](#) outside of a component context
- [Vue's reactivity API](#)
- [Sending custom browser events between components](#)

```
npm create astro@latest -- --template with-nanostores
```

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More Recipes

See guided examples of adding features to your Astro project.

Official Recipes

Share State Between Islands

Learn how to share state across components — and frameworks! — with Nano Stores.

Build Forms With API Routes

Learn how to use JavaScript to send form submissions to an API Route

Verify a Captcha

Learn how to create an API route and fetch it from the client.

Add i18n features

Use dynamic routing and content collections to add

Add an RSS feed

Add an RSS feed to your Astro site to let users subscribe to your content.

Build HTML Forms in Astro Pages

Learn how to build HTML forms and handle submissions in your frontmatter

Build your Astro Site with Docker

Learn how to build your Astro site using Docker.

Add Reading Time

Build a remark plugin to add reading time to your Markdown

Installing a Vite or Rollup plugin

Learn how you can import YAML data by adding a Rollup plugin to your project.

Use Bun with Astro

Learn how to use Bun with your Astro site.

Add icons to external links

Learn how to install a rehype plugin to add icons to external links in your Markdown files

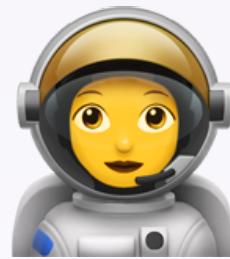
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