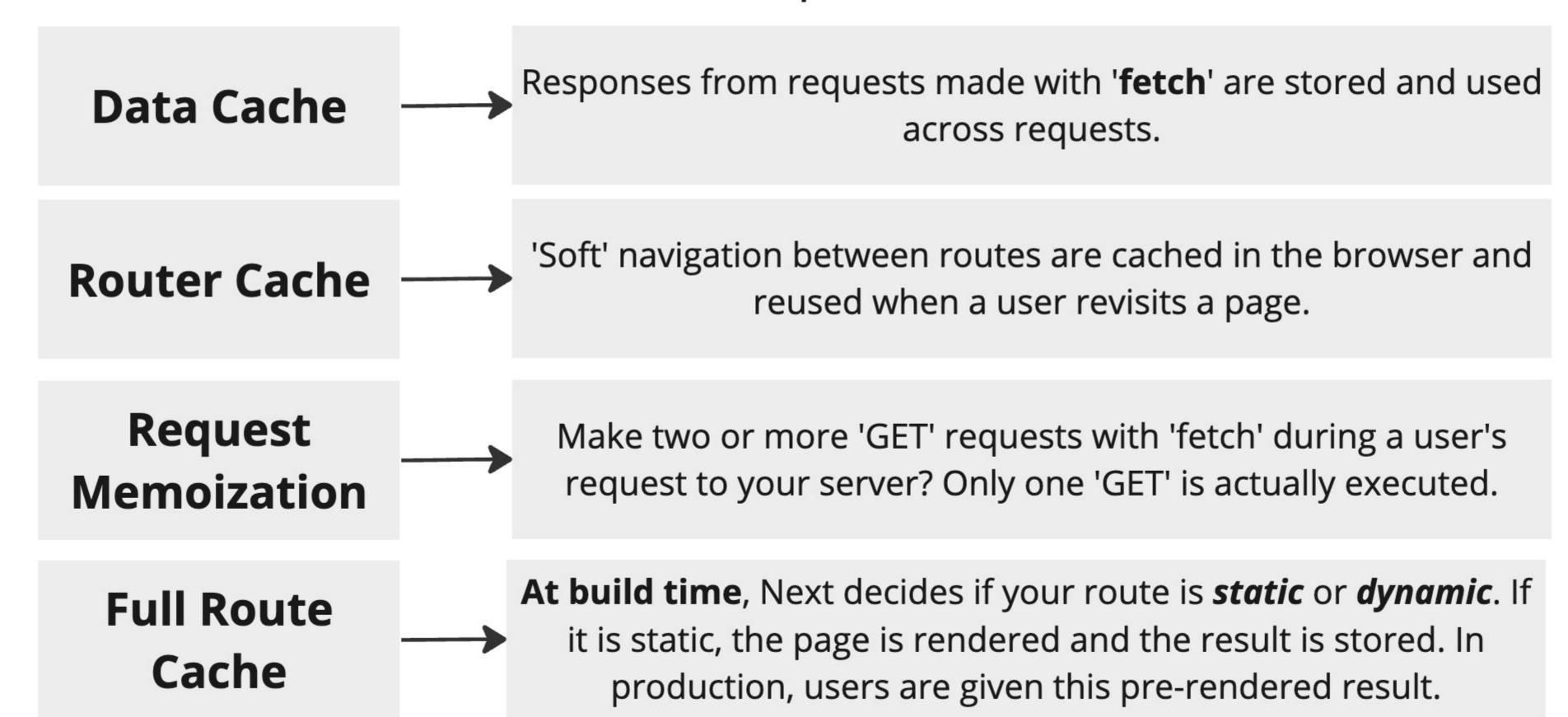
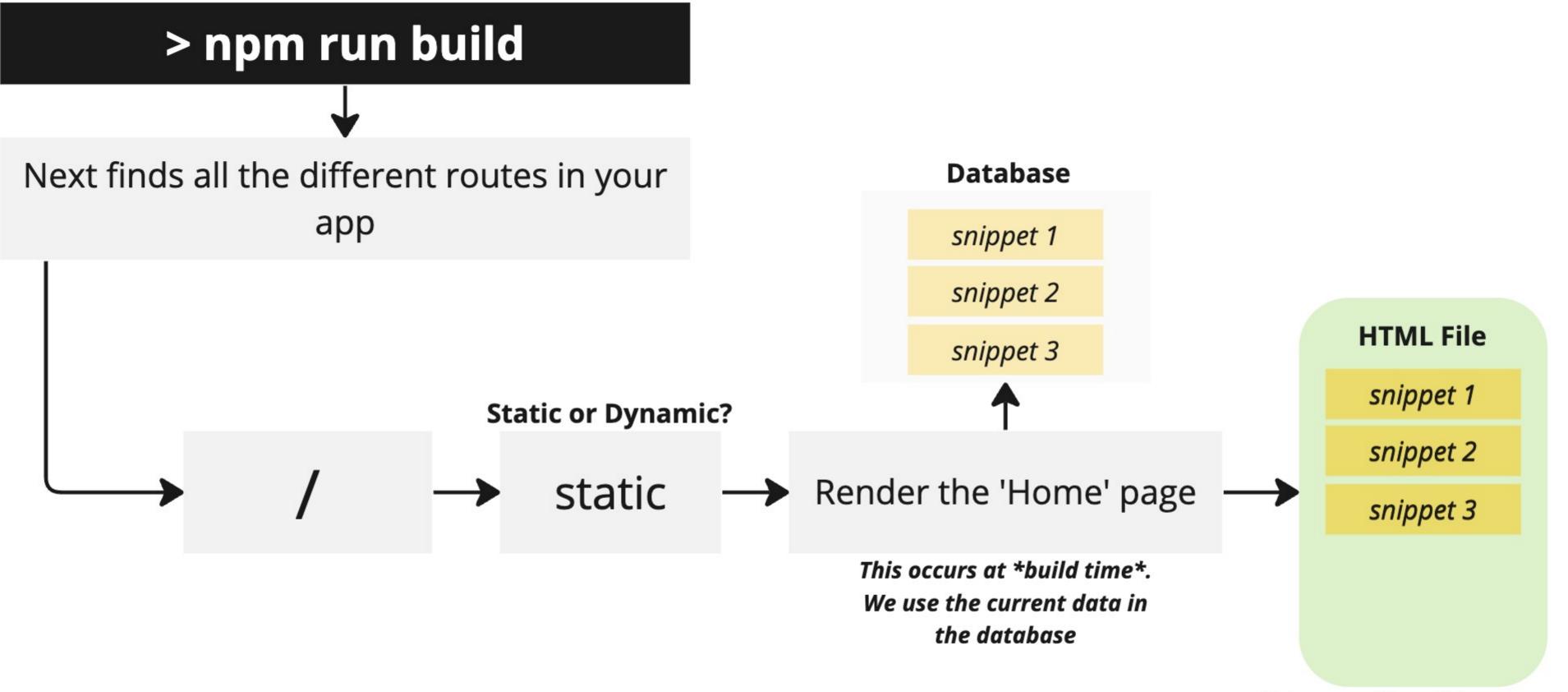
Caching

Next implements caching in several locations.

Can lead to unexpected behavior





This exact file will be served to everyone who navigates to '/'

Not just a pretty bullet list!

These indicate what Next thinks about your different routes

0

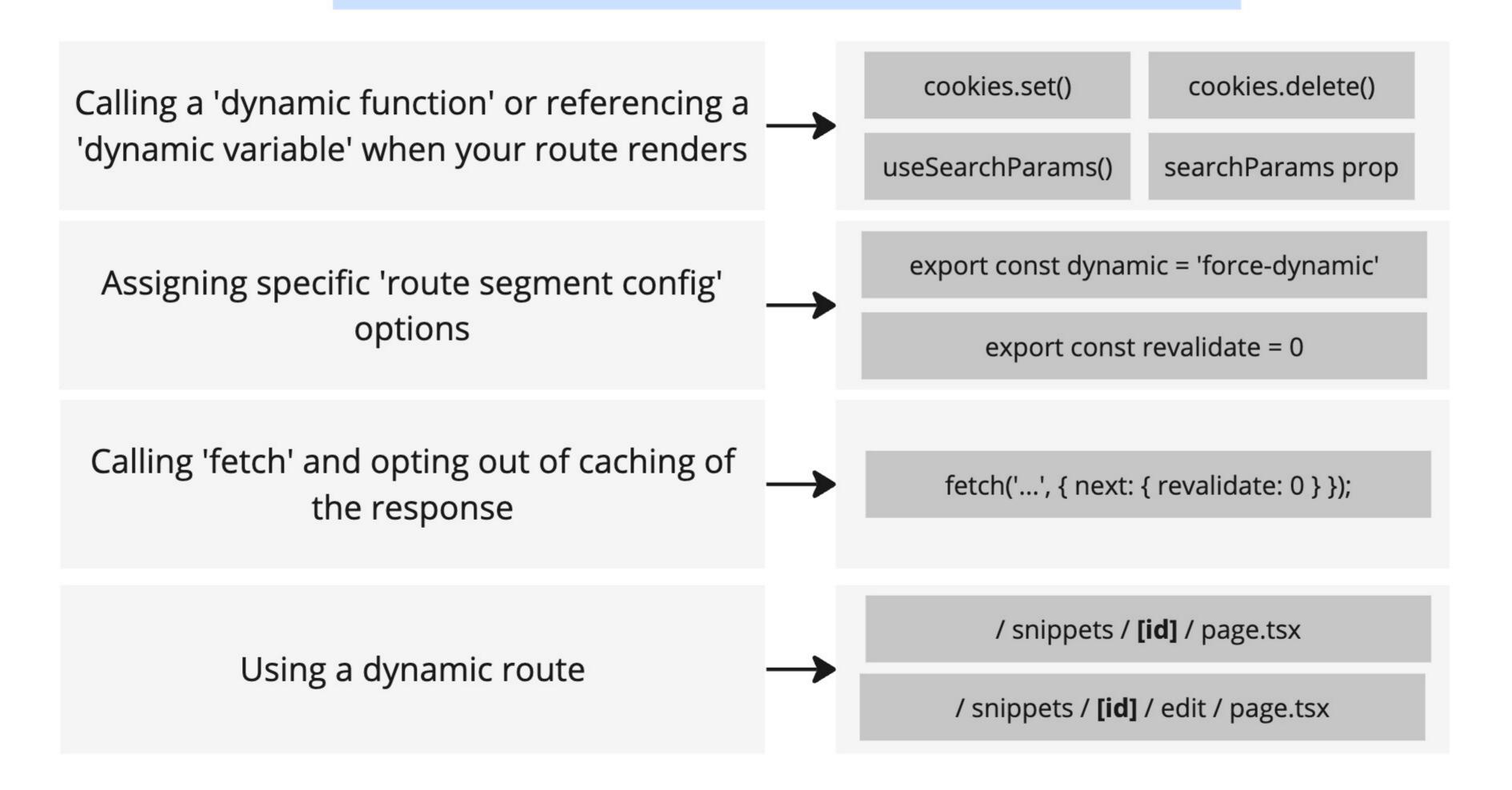
Next thinks this route contains only static data. Next will render the page **NOW, ONE TIME** and give that version to everyone who visits your app



Next thinks this route contains dynamic data. Next will render the page whenever someone visits it.

```
Route
      (app)
    /_not-found
    /snippets/[id]
    /snippets/[id]/edit
   /snippets/new
  First Load JS shared by a
    chunks/472-fb6ee76b298be
    chunks/fd9d1056-79f0c34d
    chunks/main-app-a38d3827
    chunks/webpack-937a30abe
```

What makes a page "dynamic"?



Help! My next page is rendering with out-of-date data!

There are several ways to control caching





Every X seconds, ignore the cached response and fetch new data

Every 3 seconds the next request to this route will trigger a rerender

```
export const revalidate = 3;

export default async function Page() {
   const snippets = await db
        .snippets.findMany();

   return <div>{snippets.map(..)}</div>
}
```

Forcibly purge a cached response

Dump cache for everything in a page

```
import { revalidatePath } from "next/cache";

// When we think data that the '/snippets'
// route uses has changed...
revalidatePath('/snippets');
```

Disable Caching

Don't do any caching at all

Option #1

Disable all caching for a route

```
export const revalidate = 0;

export default async function Page() {
    // Never caches!
}
```

Option #2

Disable all caching for a route

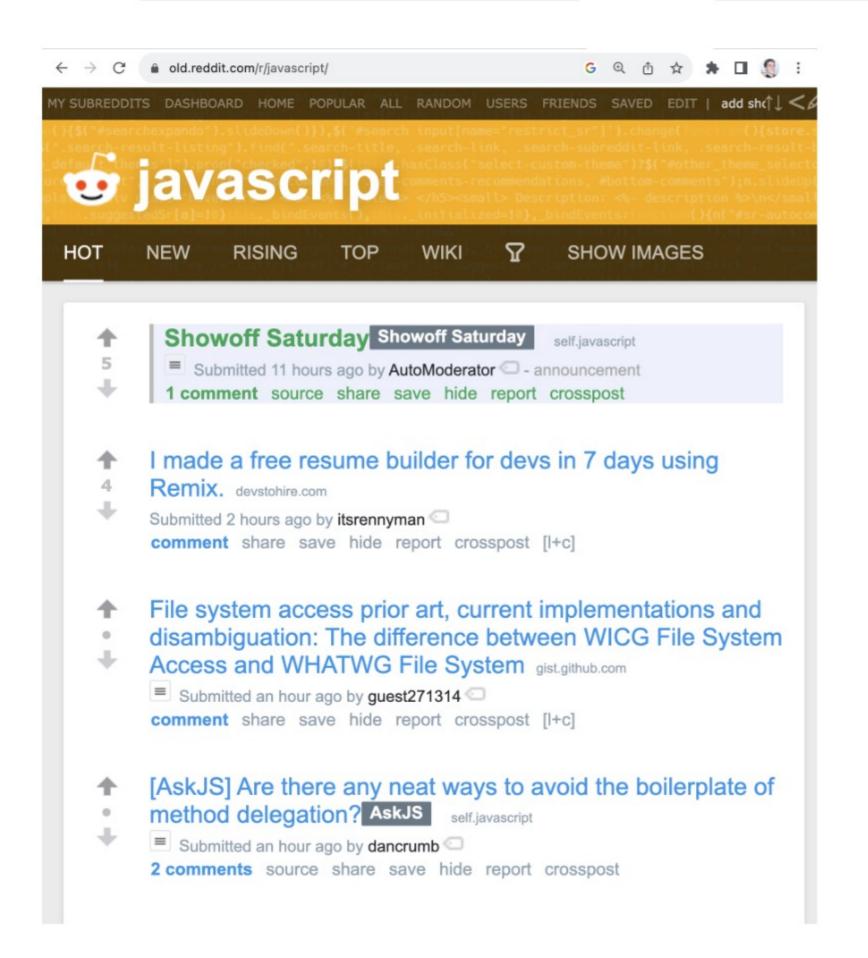
```
export const dynamic = "force-dynamic";

export default async function Page() {
    // Never caches!
}
```

Time-Based



Every X seconds, ignore the cached response and fetch new data

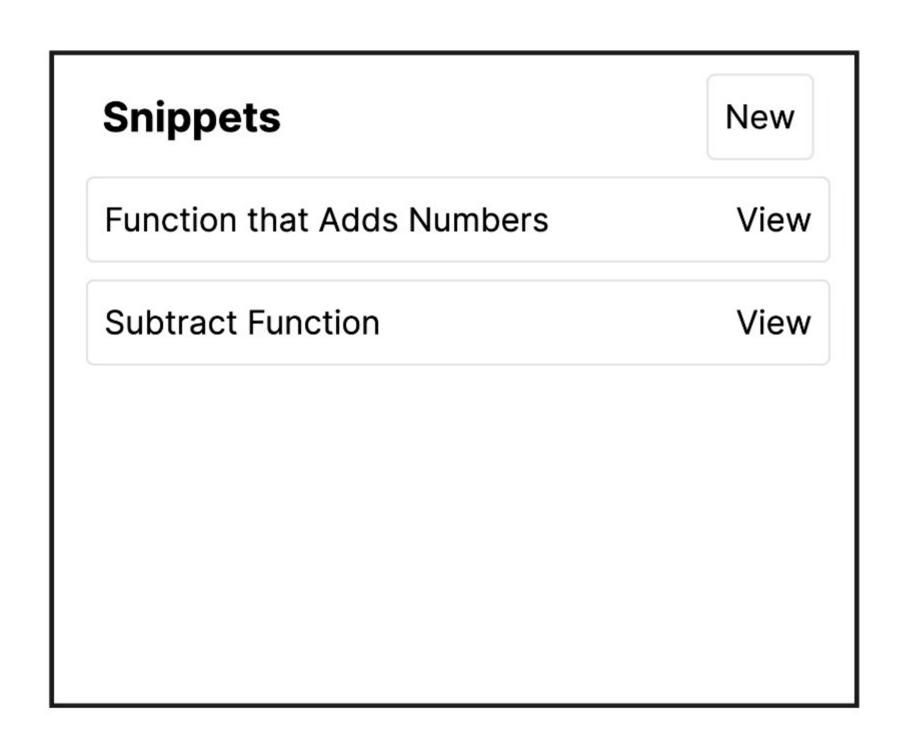


Front page of a social media site

Data is changing all the time - only get the top posts every 10-30 seconds

On-Demand

Forcibly purge a cached response

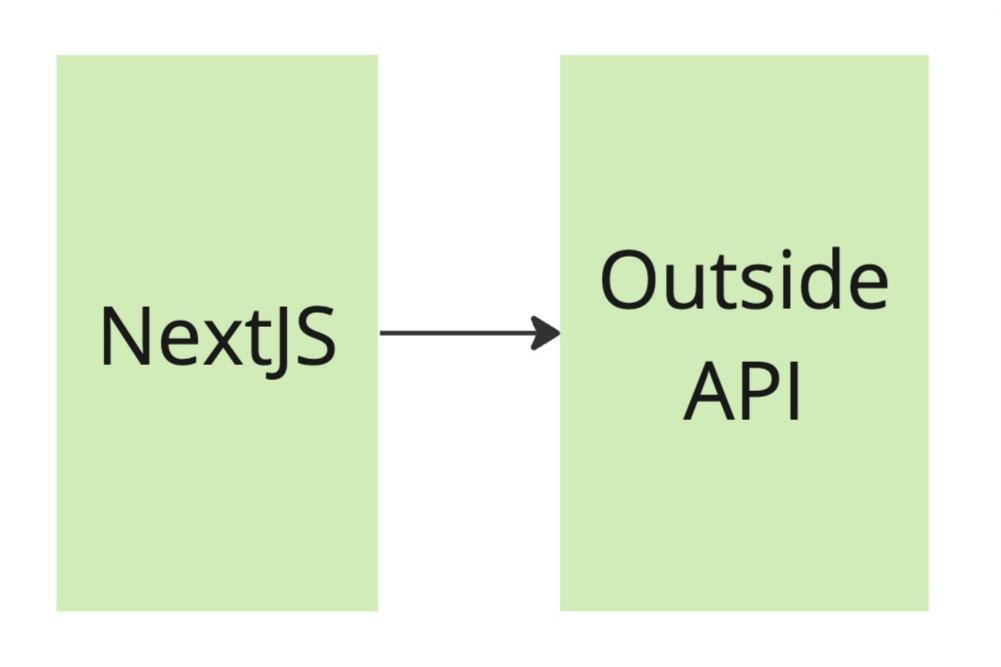


Any app where we know **when** data changes **and** the user expects to see upto-date data

For our app, we know *exactly* when data changes. It changes when our create/edit/delete Server Actions run!

Disable Caching

Don't do any caching at all



Any app where we
(don't know when data changes

or

when we expect the data to be
different with every request)

and
the user still expects to see up to date
data

