

Server-side Rendering (SSR)

Also referred to as "SSR" or "Dynamic Rendering".

If a page uses **Server-side Rendering**, the page HTML is generated on **each request**.

To use Server-side Rendering for a page, you need to `export` an `async` function called `getServerSideProps`. This function will be called by the server on every request.

For example, suppose that your page needs to pre-render frequently updated data (fetched from an external API). You can write `getServerSideProps` which fetches this data and passes it to `Page` like below:

```
1 export default function Page({ data }) {
2   // Render data...
3 }
4
5 // This gets called on every request
6 export async function getServerSideProps() {
7   // Fetch data from external API
8   const res = await fetch(`https://.../data`);
9   const data = await res.json();
10
11   // Pass data to the page via props
12   return { props: { data } };
13 }
```

As you can see, `getServerSideProps` is similar to `getStaticProps`, but the difference is that `getServerSideProps` is run on every request instead of on build time.

To learn more about how `getServerSideProps` works, check out our [Data Fetching documentation](#).

