



Building your app

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Building a SvelteKit app happens in two stages, which both happen when you run `vite build` (usually via `npm run build`).

Firstly, Vite creates an optimized production build of your server code, your browser code, and your service worker (if you have one). Prerendering is executed at this stage, if appropriate.

Secondly, an *adapter* takes this production build and tunes it for your target environment — more on this on the following pages.

During the build

SvelteKit will load your `+page/layout(.server).js` files (and all files they import) for analysis during the build. Any code that should *not* be executed at this stage must check that building from `$app/environment` is false:

```
import { building } from '$app/environment';
import { setupMyDatabase } from '$lib/server/database';

if (!building) {
  setupMyDatabase();
}

export function load() {
  // ...
}
```



After building, you can view your production build locally with `vite preview` (via `npm run preview`). Note that this will run the app in Node, and so is not a perfect reproduction of your deployed app — adapter-specific adjustments like the `platform` `object` do not apply to previews.

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