

With env From next.config.js

This example demonstrates setting parameters that will be used by your application and set at build time (not run time). More specifically, what that means, is that environmental variables are programmed into the special configuration file `next.config.js` and then returned to your react components when the program is built with `next build`.

As the build process (`next build`) is proceeding, `next.config.js` is processed and passed in as a parameter is the variable `phase`. `phase` can have the values `PHASE_DEVELOPMENT_SERVER` or `PHASE_PRODUCTION_BUILD` (as defined in `next\constants`). Based on the variable `phase`, different environmental variables can be set for use in your react app. That is, if you reference `process.env.RESTURL_SPEAKERS` in your react app, whatever is returned by `next.config.js` as the variable `env`, (or `env.RESTURL_SPEAKERS`) will be accessible in your app as `process.env.RESTURL_SPEAKERS`.

View the docs on [next.config.js](#) for more information.

Deploy your own

Deploy the example using [Vercel](#) or preview live with [StackBlitz](#)



How to use

Execute [create-next-app](#) with [npm](#) or [Yarn](#) to bootstrap the example:

```
npx create-next-app --example with-env-from-next-config-js with-env-from-next-config-js-app
# or
yarn create next-app --example with-env-from-next-config-js with-env-from-next-config-js-app
# or
pnpm create next-app -- --example with-env-from-next-config-js with-env-from-next-config-js-app
```

Deploy it to the cloud with [Vercel \(Documentation\)](#).

Special note

`next build` does a hard coded variable substitution into your JavaScript before the final bundle is created. This means that if you change your environmental variables outside of your running app, such as in windows with `set` or linux with `setenv` those changes will not be reflected in your running application until a build happens again (with `next build`).

Discussion regarding this example

This example is not meant to be a reference standard for how to do development, staging and production builds with Next. This is just one possible scenario that could be used if you want the following behavior while you are doing development.

- When you run `next dev` or `npm run dev`, you will always use the environmental variables assigned when `isDev` is true in the example.
- When you run `next build` then `next start`, assuming you set externally the environmental variable `STAGING` to anything but 1, you will get the results assuming `isProd` is true.
- When you run `next build` or `npm run build` in production, if the environmental variable `STAGING` is set to 1, `isStaging` will be set and you will get those values returned.

You can read more about this feature in this blog post [Next.js 5.1: Faster Page Resolution, Environment Config and More](#) (under Environment Config).