

## Next.js - CLI

NEXT.JS provides a CLI to start, build and export application. It can be invoked using npx which comes npm 5.2 onwards.

### CLI Help

To get list of CLI commands and help on them, type the following command.

```
npx next -h
Usage
$ next <command>

Available commands
  build, start, export, dev, telemetry

Options
  --version, -v    Version number
  --help, -h       Displays this message

For more information run a command with the --help flag
$ next build --help
```

### Build Production Ready Build

Type the following command.

```
npx next build
info - Loaded env from D:\Node\nextjs\.env.local
Creating an optimized production build

Compiled successfully.

Automatically optimizing pages

Page                                     Size      File Size
+ ? /                                   2.25 kB
+   /_app                               288 B
+     /404                               3.25 kB
+ ? /api/user
+ ? /posts/[id]                         312 B
+   + /posts/one
+   + /posts/two
+ ? /posts/env                           2.71 kB
+ ? /posts/first                         374 B
+ ? /posts/second                        501 B
```

```
+ First Load JS shared by all 58.1 KB
+ static/pages/_app.js 288 B
+ chunks/ab55cb957ceed242a750c37a082143fb9d2f0cdf.a1a019.js 10.5 kB
+ chunks/framework.c6faae.js 40 kB
+ runtime/main.60464f.js 6.54 kB
+ runtime/webpack.c21266.js 746 B
+ css/9706b5b8ed8e82c0fba0.css 175 B

? (Server) server-side renders at runtime (uses getInitialProps or getSe
  (Static) automatically rendered as static HTML (uses no initial
? (SSG) automatically generated as static HTML + JSON (uses getStatic
```

## Build and Start Development Server

Type the following command.

```
npx next dev

ready - started server on http://localhost:3000
info - Loaded env from D:\Node\nextjs\.env.local
event - compiled successfully
```

## Start the production Server

Type the following command.

```
npx next start

info - Loaded env from \Node\nextjs\.env.local
ready - started server on http://localhost:3000
```