

Next.js - Deployment

So far we've developed and run sample NEXT.JS application in dev mode, now we'll do the production ready deployment locally using following steps.

- **npm run build** – Build the production ready, highly optimized build.
- **npm run start** – Start the server.

The production ready build lacks source maps and hot code reloading as compared to dev mode as those features are primarily used in debugging.

Prepare Build

Run the following command to prepare production ready build –.

```
npm run build

> nextjs@1.0.0 build \Node\nextjs
> next build

info  - Loaded env from \Node\nextjs\.env.local
Creating an optimized production build

Compiled successfully.

Automatically optimizing pages
```

Page	Size	File
+ ? /	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	
+ First Load JS shared by all	58.1 kB	
+ static/pages/_app.js	288 B	
+ chunks/3458401054237127135bcd3ee8eb2a19d67af299.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 getServerSideProps)
```

(**Static**) automatically rendered **as static** HTML (uses **no** initial
? (SSG) automatically generated **as static** HTML + JSON (uses `getStaticProps`)

Start the server

Run the following command to start production server –.

```
npm run start

> nextjs@1.0.0 start \Node\nextjs
> next start

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

Verify Output

Open `localhost:3000/api/user` in a browser and you will see the following output.

```
{"name": "Robert"}
```