

Initialize a NextJs Project

With **Typescript** and **TailwindCSS**

Create the **npm** project

```
> mkdir project_dir && cd project_dir
> npm init -y
> npm i react react-dom next
> npm install typescript @types/react @types/node
> mkdir pages components
> touch pages/_app.tsx
> touch components/layout.tsx
```

layout.**tsx**

```
// components/layout.tsx
export default function Layout({children}){
  return(
    <div>
      {children}
    </div>
  )
}
```

_app.**tsx**

```
// pages/_app.tsx
import Layout from "../components/layout";
function App({Component, pageProps}){
  return(
    <div>
      <Layout>
        <Component {... pageProps} />
      </Layout>
    </div>
  )
}
export default App;
```

tsconfig.json

```
$ `npm run dev` or `npx next`
# run the dev server, nextjs will create the
tsconfig and next-env.d.ts files.
```

Install **tailwindCSS**

```
> npm install -D tailwindcss postcss autoprefixer
> npx tailwindcss init -p
```

tailwind.config.js

```
module.exports = {
  content: [
    "./pages/**/*.{js,ts,jsx,tsx}",
    "./components/**/*.{js,ts,jsx,tsx}",
  ],
  theme: {
    extend: {
      colors : {
        "orange" : "#f27b2c"
      },
      fontFamily : {
        code : ['Source Code Pro', 'monospace']
      },
    },
  },
  plugins: [],
}
```

global.**css**

```
$ mkdir styles && touch styles/global.css
```

```
/* global.css */
@tailwind base;
@tailwind components;
@tailwind utilities;
```

Add global file to _app.**tsx**

```
// pages/_app.tsx
import Layout from "../components/layout";
import "../styles/global.css";
function App({Component, pageProps}){
  return(
    <div>...</div>
  )
}
```

index.**tsx**

```
// pages/index.tsx
export default function Index(){
  return(
    <div>
      <h1 className="text-xl font-bold">
        Hello World
      </h1>
    </div>
  )
}
```

Initialize **git** repository

```
> git init
> touch .gitignore
```

.gitignore

Copy this demo-file [next-gitingore](#)

First **commit**

```
> git add .gitignore
> git add .
> git commit -am "project initialized"
```

Change **master** to **main**

```
$ git branch -m master main
```

Docs **and** Resources

- [\[next with typescript\]](#)
- [\[tailwind installation\]](#)
- [\[.gitignore\]](#)