

REACT-TYPESCRIPT-VITE-Project

Book : Large Scale Apps with React and TypeScript 2023

Create Project Wizard ---

```
npm init vite@latest
```

// type y and then enter to proceed:

The create-vite wizard will start and will ask you the name of the project.

The default is vite-project, so change this to my-react-project and hit enter:

```
my-react-project
```

The second step will ask to select a framework.

Use the keyboard arrows to scroll down the list and stop at React, then hit enter:

```
React
```

The third step will asking which "variant" you want o use. Scroll down to TypeScript and hit enter:

```
TypeScript
```

This will create a folder called "my-react-project" which is also the name of our project.

At the end it should display a message similar to this:

// Done. Now run:

```
cd my-react-project
```

```
npm install
```

```
npm run dev
```

the third one will serve the app locally. You'll see a message similar to this displayed:

VITE v3.1.4 ready in 303 ms

→ Local: <http://127.0.0.1:5173/>

→ Network: use --host to expose

The my-react-project has been created with one main view called App.tsx.

```
// main.tsx
```

```
import { StrictMode } from 'react'
```

```
import { createRoot } from 'react-dom/client'
```

```
import './index.css'
```

```
import App from './App.tsx'
```

```
createRoot(document.getElementById('root')).render(
```

```
  <StrictMode>
```

```
    <App />
```

```
  </StrictMode>,
```

```
)
```

```
// App.tsx
```

```
import { useState } from 'react'
```

```
import reactLogo from './assets/react.svg'
```

```
import viteLogo from '/vite.svg'
```

```
import './App.css'
```

```
function App() {
```

```
  const [count, setCount] = useState(0)
```

```
  return (<> ... </>)
```

```
}
```

```
export default App
```