



React + Vite configurando Jest

👉 <https://jestjs.io/pt-BR/>

👉 <https://testing-library.com/>

👉 <https://mswjs.io/>

React + Vite (TypeScript) configurando Jest

- **Instalando Jest e as tipagens**

```
npm install --save-dev jest @types/jest
```

- **Instalando Testing Library**

```
npm install --save-dev @testing-library/react @testing-library/jest-dom @testing-library/user-event @testing-library/dom
```

```
npm install @babel/preset-env @babel/preset-react npm install @babel/preset-env @babel/preset-react
```

```
npm install jest-environment-jsdom jest-svg-transformer identity-obj-proxy
```

```
npm install --save-dev react-test-renderer
```

```
npm install ts-node ts-jest
```

► Criar arquivo na raiz: **jest.config.ts**

```
export default {  
  testEnvironment: "jsdom",  
  transform: {  
    "^.+\\.tsx?$": "ts-jest"  
  },  
  moduleNameMapper: {  
    '\\\\.(gif|ttf|eot|svg|png)$': '<rootDir>/__tests__/mocks/fileMock.js',  
    '\\\\.(css|less|sass|scss)$': 'identity-obj-proxy'  
  },  
  setupFilesAfterEnv: ['<rootDir>/__tests__/setupTests.ts'],  
}
```

► Criar arquivo **setupTests.ts** na raiz do projeto:

```
import "@testing-library/jest-dom";
```

► Criar uma pasta na raiz do projeto chamada **.jest** e dentro criar pasta chamada **mocks** e dentro criar o arquivo chamado **fileMock.js** e dentro do arquivo colocar:

```
module.exports = 'test-file-stub'
```

- Esse arquivo serve apenas para mscar a imagem

► Criar o arquivo **.babelrc** na raiz do projeto

```
{  
  "presets": [  
    ["@babel/preset-env", { "targets": { "esmodules": true } }],  
    ["@babel/preset-react", { "runtime": "automatic" }]  
  ]  
}
```

► No arquivo **package.json** criamos nosso script de start