



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>/.jest/mocks/fileMock.js',
    '\\.(css|less|sass|scss)$': 'identity-obj-proxy',
  },
  setupFilesAfterEnv: ['<rootDir>/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 mockar 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