

Self Teach . me

This document serves as a checklist for setting up testing on a project that was created with [Next.js create-next-app script](#).

✓ INSTALL REACT TESTING LIBRARY

Documentation: <https://testing-library.com/docs/react-testing-library/intro>

```
yarn add --dev @testing-library/react
```

✓ INSTALL JEST

Documentation: <https://jestjs.io>

```
yarn add --dev jest
```

✓ INSTALL JEST-DOM

Documentation: <https://github.com/testing-library/jest-dom>

```
yarn add --dev @testing-library/jest-dom
```

✓ LOOK AT THE [JEST DOCUMENTATION](#), FOLLOW THE DIRECTIONS UNDER THE ADDITIONAL CONFIGURATION SECTION

```
yarn run jest --init
```

- Would you like to run Jest when running "test" script in package.json? **yes**
- Choose **jsdom**
- coverage reports: **N**
- code coverage: **babel**
- automatically remove all mocks: **N**

```
yarn add --dev babel-jest @babel/core @babel/preset-env
```

Create a file called **babel.config.js** in the root of your project. Add the following to the new file:

```
// babel.config.js
module.exports = {
  presets: [
    [
      '@babel/preset-env',
      {
        targets: {
          node: 'current',
        },
      },
    ],
  ],
};
```

✓ CONFIGURE BABEL TO WORK WITH NEXT.JS

Follow the documentation:

<https://nextjs.org/docs/advanced-features/customizing-babel-config>

Update our **babel.config.js** file to look like:

```
// babel.config.js
module.exports = {
  presets: [
    [
      '@babel/preset-env',
      {
        targets: {
          node: 'current',
        },
      },
    ],
    "next/babel"
  ],
};
```

✓ OPEN PACKAGE.JSON AND ADD THE FOLLOWING CODE TO THE SCRIPTS SECTION:

```
"test:watch": "npm run test -- --watch"
```

✓ **RUN TESTS WITHIN THE TERMINAL:**

```
yarn run test:watch
```