



React.1

▼ What is React?

React is a JavaScript library created and (mostly) maintained by Facebook.

React is a JavaScript library for building User Interfaces.

▼ Define React

React is a JavaScript library that is only responsible for the view layer of an application.

This means it is only responsible for rendering a User Interface and updating the UI whenever it changes.

▼ Is React a framework?

No, it's a library

▼ What is the difference between a library and a framework?

The difference between a library and a framework is that a library only helps you in one aspect whereas a framework helps you in many aspects.

- React is a library because it only takes care of your UI.
- Angular, on the other hand, is a framework because it handles much more than the UI (It handles Dependency Injection, CSS encapsulation, etc.)

▼ Every JavaScript file is a...

standalone module, meaning variables, functions, and imports in one file/module do not affect other files/modules

▼ What is a bare import?

an import without a file path

e.g. `import React from "react";`

▼ What does a code bundler do?

When running a code bundler such as webpack or Parcel (or create-react-app which uses Webpack), then bare imports are resolved from your node_modules folder.

It will look for

```
node_modules/react/
```

to figure out how to import that package.

▼ What is the current React version?

17.0.2

▼ What is the current JavaScript or ECMAScript version?

ES11

JavaScript 2020

▼ What is the size of a React import?

approximately 12.5KB.

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