

React Introduction

What is React?

React, sometimes referred to as a frontend JavaScript framework, is a JavaScript library created by Facebook.

React is a tool for building UI components.

How does React Work?

React creates a VIRTUAL DOM in memory.

React only changes what needs to be changed!

React.JS History

Current version of React.JS is V18.0.0 (April 2022).

Initial Release to the Public (V0.3.0) was in July 2013.

React.JS was first used in 2011 for Facebook's Newsfeed feature.

Facebook Software Engineer, Jordan Walke, created it.

Current version of `create-react-app` is v5.0.1 (April 2022).

`create-react-app` includes built tools such as webpack, Babel, and ESLint.

React Getting Started

To use React in production, you need npm which is included with [Node.js](#).

Setting up a React Environment

If you have npx and Node.js installed, you can create a React application by using `create-react-app`.

If you've previously installed `create-react-app` globally, it is recommended that you uninstall the package to ensure npx always uses the latest version of `create-react-app`.

To uninstall, run this command: `npm uninstall -g create-react-app`.

Run the React Application

Now you are ready to run your first *real* React application!

Run this command to move to the `my-react-app` directory:

