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React Introduction



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React Introduction

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Library

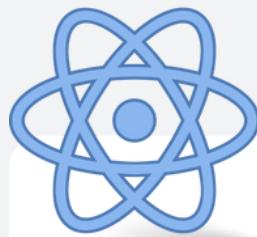
- A library provides a set of helper functions/objects/modules which your application code calls for specific functionality.
- Libraries typically focus on a narrow scope (e.g., strings, IO, sockets), so their API's also tend to be smaller and require fewer dependencies.

Framework

- A framework is an application that has defined open or unimplemented functions/objects, which the framework user writes to complete and customize his application. This usually takes the form of implementing an abstract function/interface or inheriting from a known object.
- Because the framework is itself (mostly) an application, they tend to be wider in scope and include everything necessary to get your application up and running, having many more internal interdependencies.

React vs Vue vs Angular

Most Popular Technologies for Frontend Development



ReactJS

Developed by Facebook, was initially released in 2013. Facebook uses React extensively in their products (Facebook, Instagram, and WhatsApp).

It is a library.



VueJS

It is the youngest member of the group. It was developed by ex-Google employee Evan You. Over the last three years, Vue has seen substantial growth.

It is a framework.



AngularJS

Developed by Google, was first released in 2010, making it the oldest of the lot. It is a TypeScript-based JavaScript framework.

It is a framework.



What is React?

React is Declarative, Component-based,
Learn Once Write Anywhere in nature

create-react-app

INSTALL CREATE-REACT-APP

Go to <https://www.npmjs.com/package/create-react-app>

In your terminal write `npm i create-react-app`

CREATE A PROJECT

In your terminal write `npx create-react-app app-name`

RUN PROJECT

In terminal write `cd app-name` to enter into the project

Then write `npm start` to run the project at port 3000

Resource to follow

<https://reactjs.org/>

<https://create-react-app.dev/>

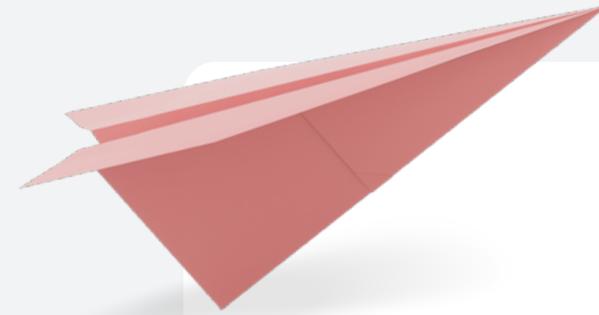


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**Do you have any
questions?**

