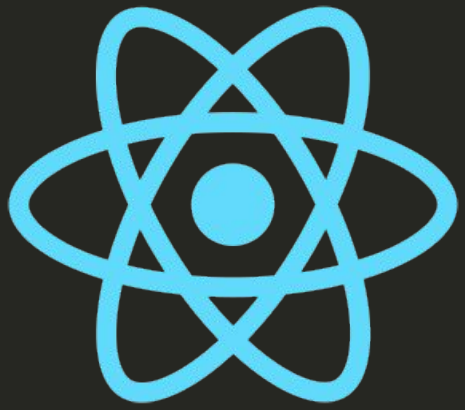


ADAL DÍAZ FARIÑA
JORGE QUINTANA GARCÍA

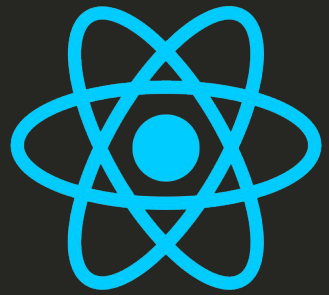
01.

INTRODUCTION

- ➔ Javascript Frameworks
- ➔ Most used Frameworks

- ✓ Flexible
- ✓ High performance
- ✓ For small application development
- ✓ Easy to learn
- ✓ Light

- ✗ Poor community
- ✗ Does not work properly in large applications



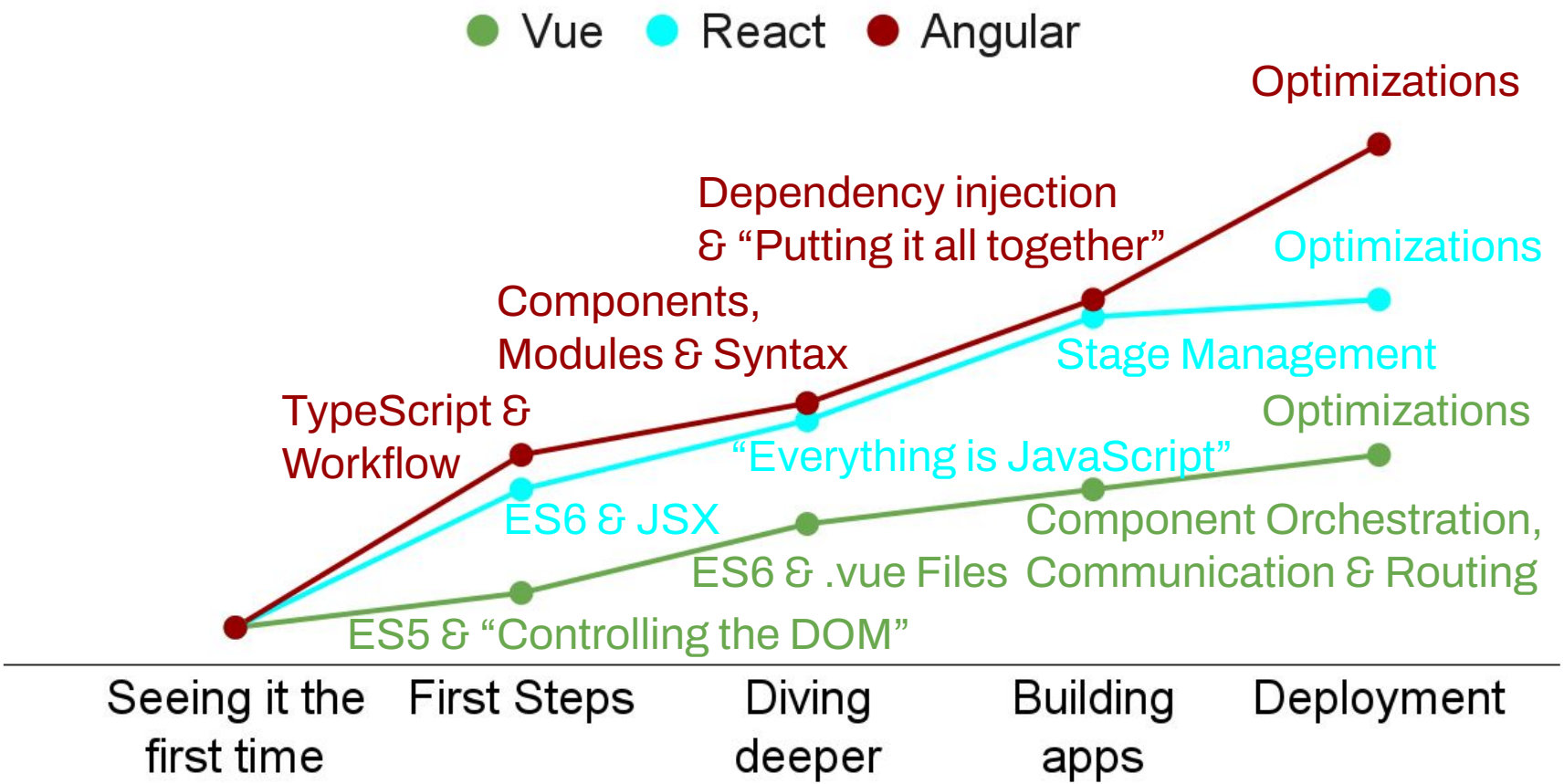
- ✓ Flexible
- ✓ High performance
- ✓ For small and large application development
- ✓ Easy to learn
- ✓ Great community supported by Facebook

- ✗ It has no fixed directory structure so projects can be organised in different ways and can be chaotic.

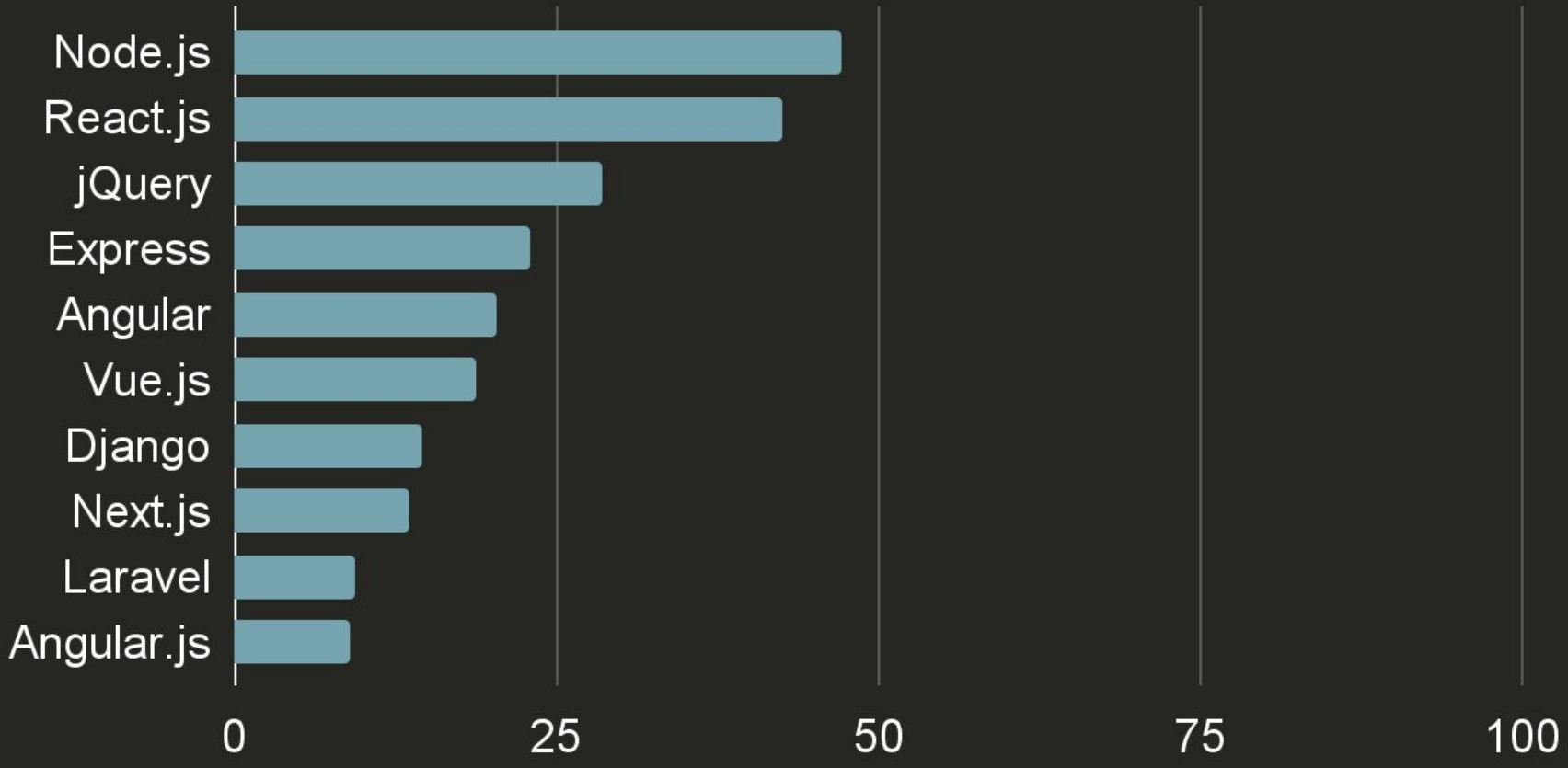
- ✓ For large application development
- ✓ Great community supported by Google
- ✓ Organised projects
- ✓ A lot of tools and template including

- ✗ Heavy
- ✗ Difficult to learn
- ✗ Rigid

(Possible) Learning Curve



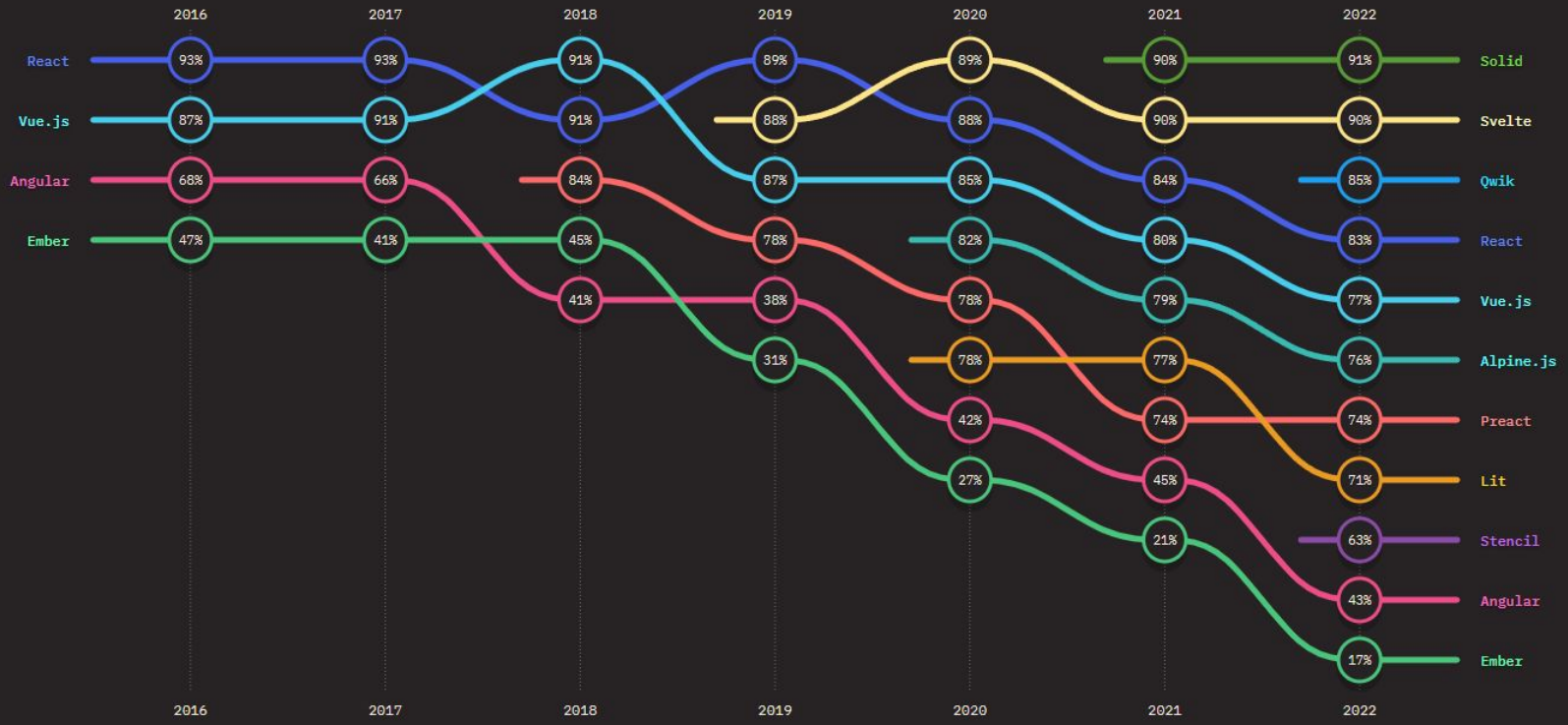
Most common web technologies used by Professional



RATIOS OVER TIME

Percentages | Rankings

Retention, interest, usage, and awareness ratio rankings.



02.

BUILD TOOLS

➔ Build tools for a React Project

VITE

Vite is a build tool that aims to provide a faster and leaner development experience for modern web projects.

```
npm create vite@latest
```

NEXT JS

Next.js enables you to create full-stack web applications

```
npx create-next-app@latest
```

NX

REMIX

ASTRO

GATSBY

¡create react app is deprecated!

03.

COMPONENTS

- ➔ Functional component
- ➔ Class component
- ➔ How to create a component

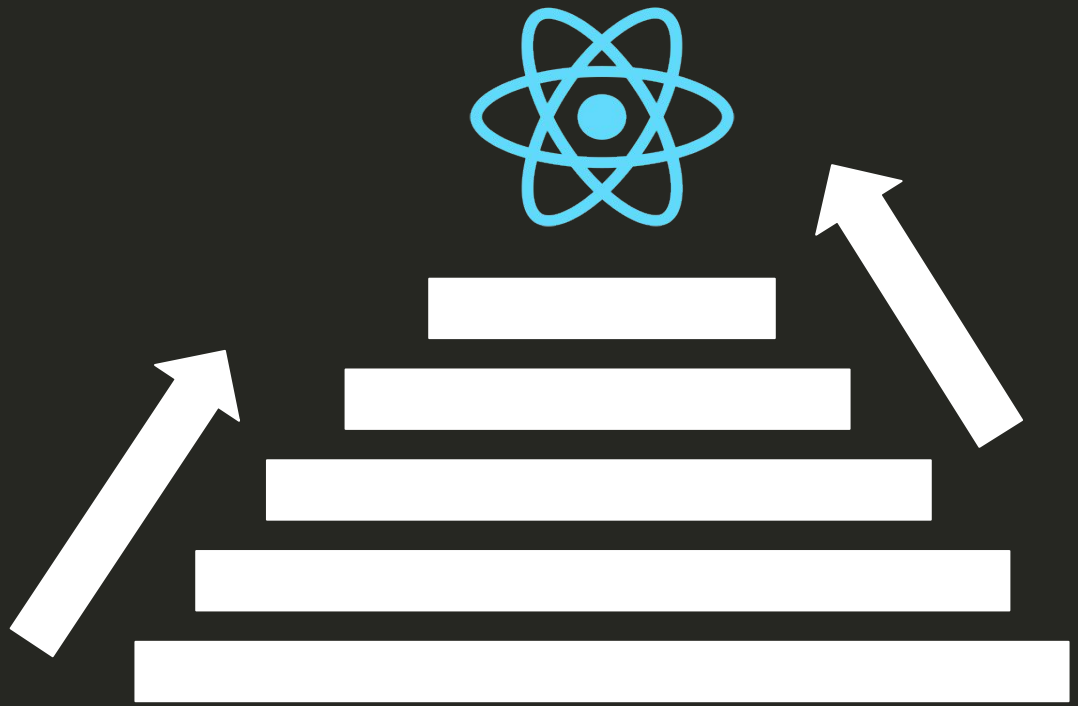
REACT FUNCTIONAL COMPONENT

```tsx
export const MyComponent = (props: MyComponentProps): JSX.Element => {
  return (
    // Component structure
  )
}
```

REACT CLASS COMPONENT

```
export class MyClassComponent extends React.Component<MyClassComponentProps, MyClassComponentState> {

  render() {
    return (
        // Component structure
    );
  }
}
```

HELLO WORLD



04.

HOOKS

- ➔ useState
- ➔ useEffect
- ➔ useContext
- ➔ Custom hook

useState

```
const [state, setState] = useState(initialState);
```

Returns a value with state and a function to update it.

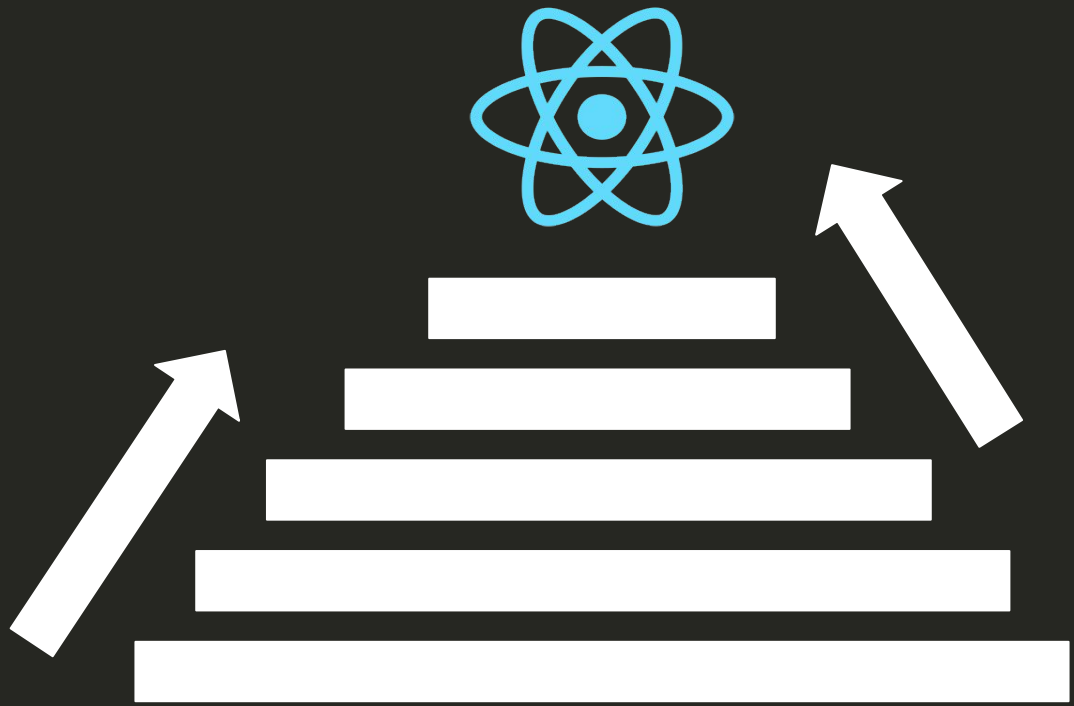
The setState function is used to update the state. It accepts a new state value and queues a new rendering of the component.

```
setState(newState);
```

Counter example

```
const [ counter, setCounter ] = useState( value );

const handleIncrement = () => setCounter( counter + 1 );
const handleDecrement = () => setCounter( counter - 1 );
const handleReset = () => setCounter( value );
```

TIC TAC TOE EXAMPLES



useEffect

useEffect allows us to make a number of changes to an already rendered component. By default the action is performed after each render but, choose to execute it only when certain values change.

```
useEffect(() => {
  // Action to be performed
}), []; // Conditions
```

Clock example

```
useEffect(() => {
  const timerId = setInterval(refreshClock, 1000);
  return function cleanup() {
    clearInterval(timerId);
  };
}), [hour, minute, second];
```

useContext

```
const ThemeContext = createContext(Context);

export const MyApp = () => {
  return (
    <ThemeContext.Provider value="dark">
      <Form />
    </ThemeContext.Provider>
  )
}
```

```
const Panel = ({ title, children }) => {
  const theme = useContext(ThemeContext);
  ...
}
```

Other hooks

01

useReducer

is a React Hook that lets you add a reducer to your component.

02

useCallback

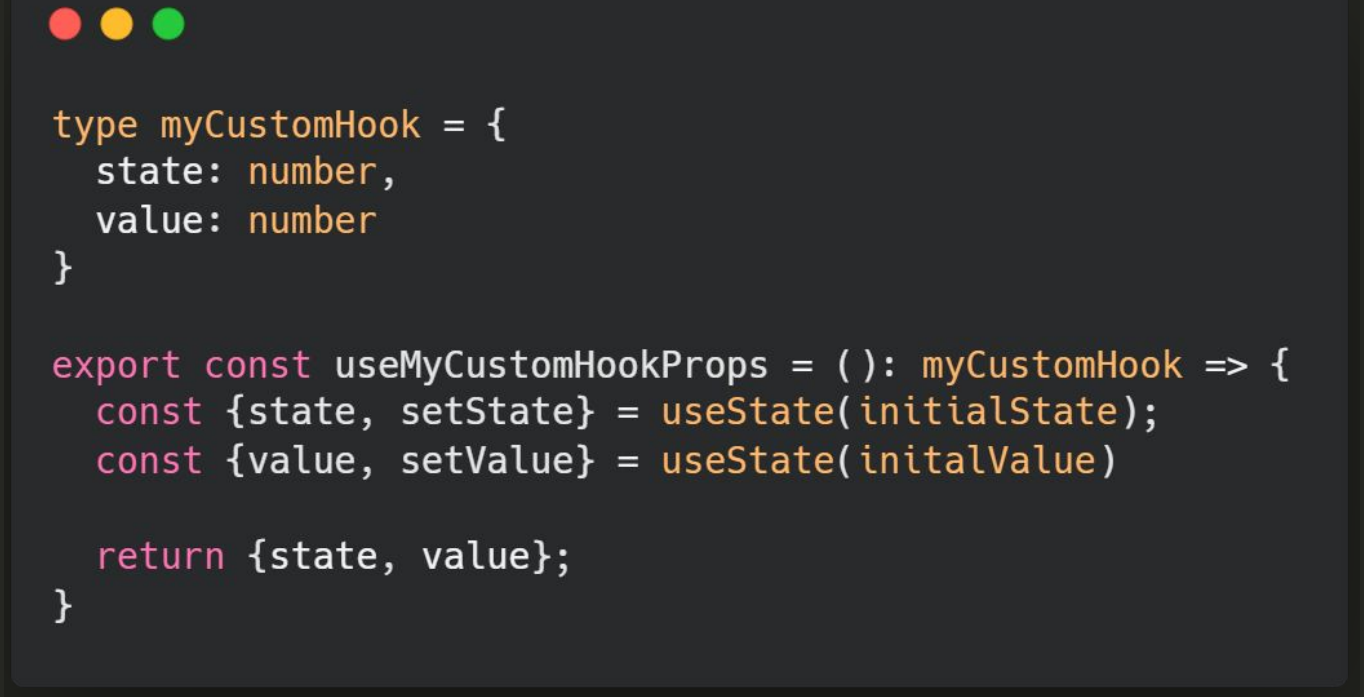
is a React Hook that lets you cache a function definition between re-renders.

03

useTransition

is a React Hook that lets you update the state without blocking the UI.

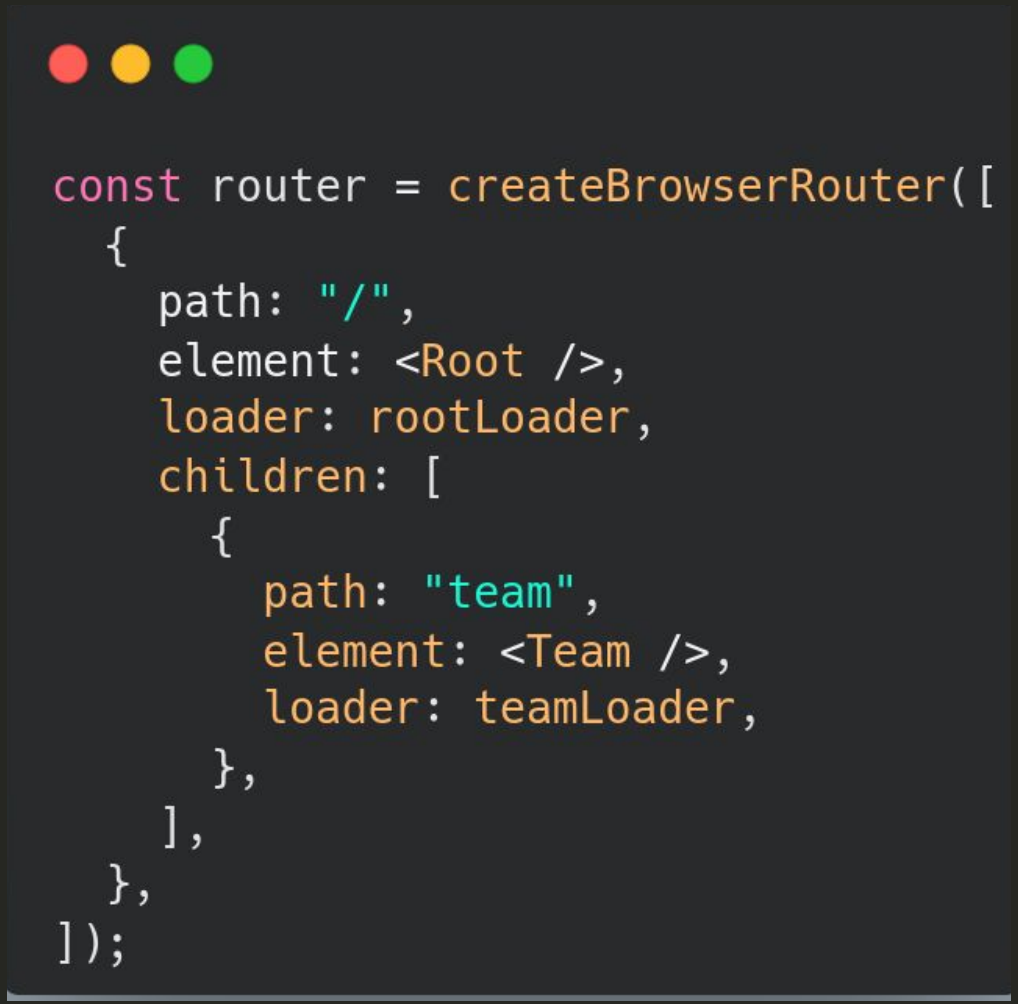
Custom Hooks



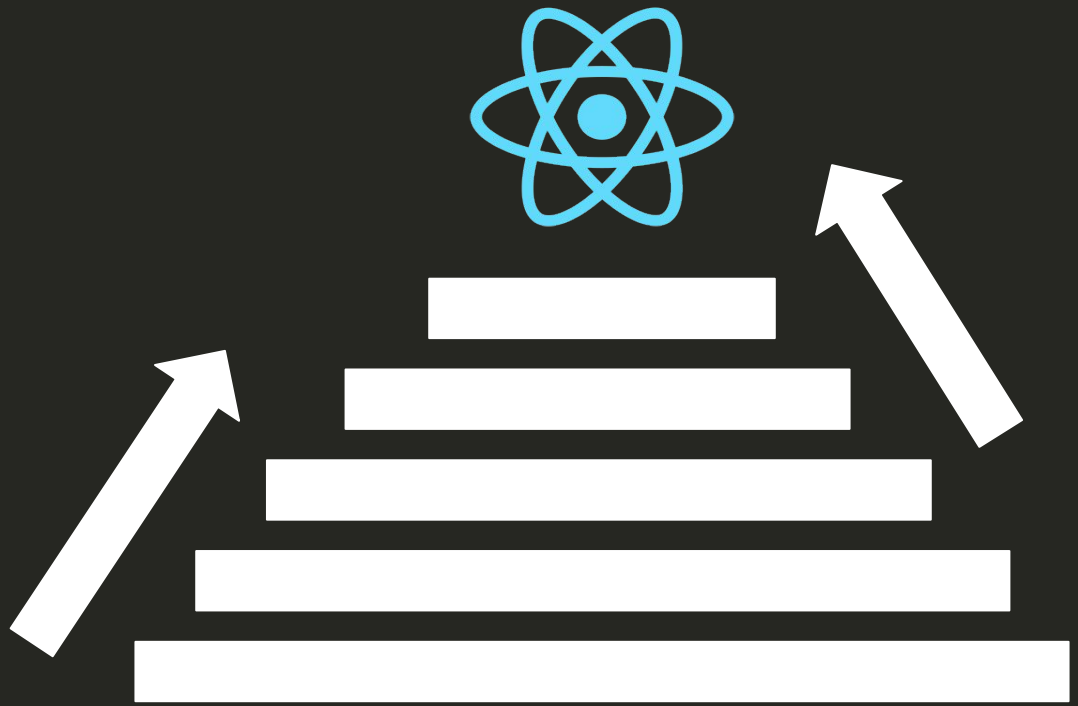
```
type myCustomHook = {
  state: number,
  value: number
}

export const useMyCustomHookProps = (): myCustomHook => {
  const {state, setState} = useState(initialState);
  const {value, setValue} = useState(initalValue)

  return {state, value};
}
```

05.

REACT ROUTER


const router = createBrowserRouter([
{
path: "/",
element: <Root />,
loader: rootLoader,
children: [
{
path: "team",
element: <Team />,
loader: teamLoader,
},
],
},
]);

REACT ROUTER EXAMPLE



06.

TOOLS

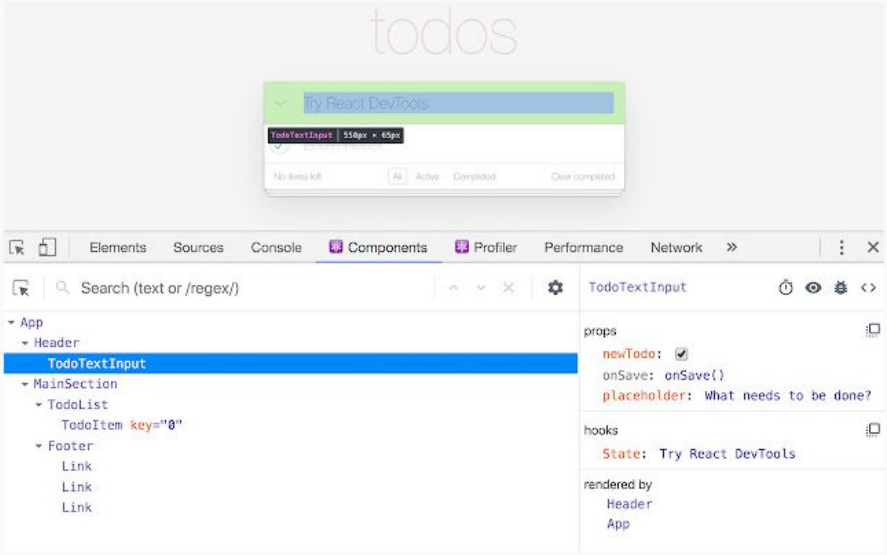
React Developer Tools

Añadir a Chrome

Destacados

★★★★★ 1.428 | Para desarrolladores | 4.000.000+ usuarios

Descripción general | Prácticas de privacidad | Reseñas | Ayuda | Relacionados



Simple React Snippets

Burke Holland burkeholland.dev | 2,746,112 installs | ★★★★★ (29) | Free

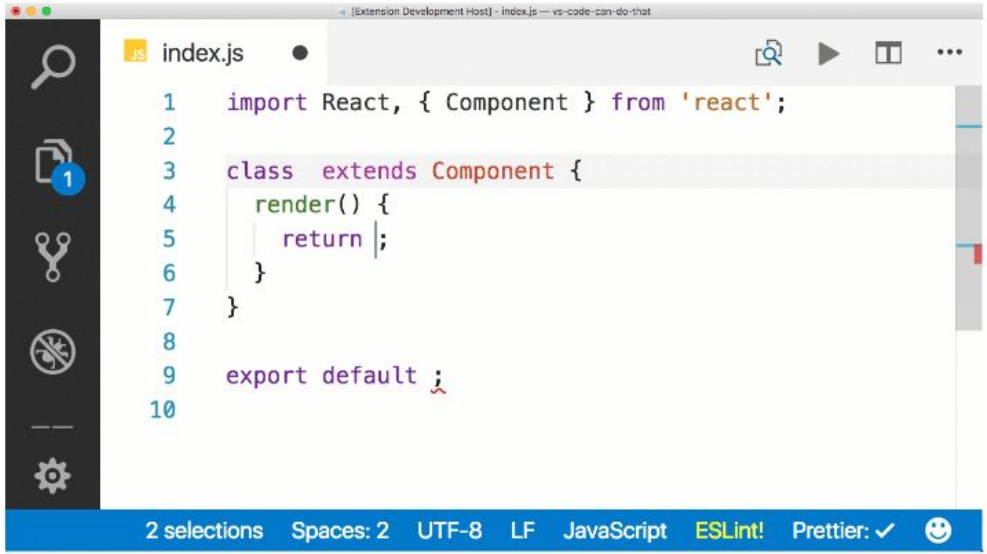
Dead simple React snippets you will actually use

Install Trouble Installing?

Overview Version History Q & A Rating & Review

Simple React Snippets

The essential collection of React Snippets and commands.



Categories

Snippets

Tags

javascript React React JS React Snippets snippet

Works with

Universal, Web

Resources

Issues
Repository
Homepage
Changelog
Download Extension

Project Details

burkeholland/simple-react-snippets
Last Commit: 7 months ago
9 Pull Requests
7 Open Issues

THANKS

DO YOU HAVE ANY QUESTIONS?

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