



_nology

TALENT IN **TECH**NICOLOUR

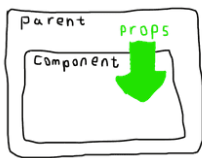
React State

Learning Objectives

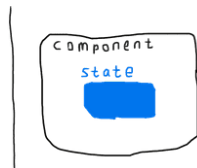
- React State
- Virtual Dom
- React Hooks Intro

React State

Props v State



Component Re-Render



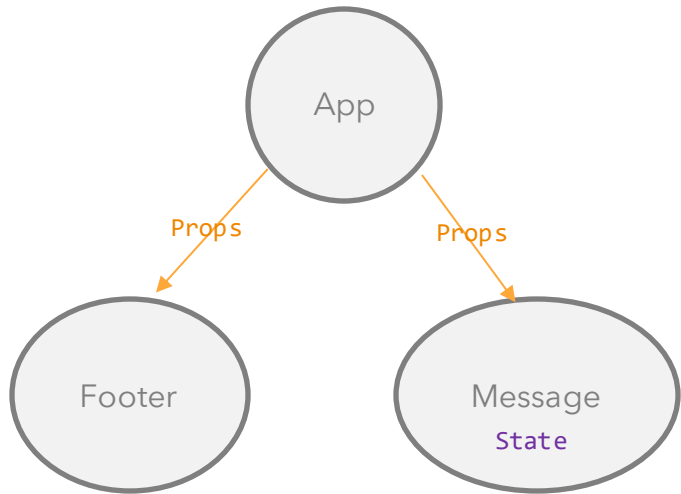
Mutable/Immutable

useState

Hooks

State

- Enables you to add state to function components
- State is similar to props, but it is private and fully controlled by the component.
- When state changes, the component responds by re-rendering.



```
const Message = () => {  
  const messageState = useState(''); // Returns an Array  
  const message = messageState[0]; // Contains ''  
  const setMessage = messageState[1]; // It's a function  
  
  return (  
    <p>  
      <strong>{message}</strong>  
    </p>  
  );  
};
```

React Hooks - useState

- useState returns an array (The variable, and the function to update it)

```
const messageState = useState(''); // Returns an Array
const message = messageState[0]; // Contains ''
const setMessage = messageState[1]; // It's a function

const [name, setName] = useState('John Doe');
```

Code along - Sandbox

Let's try out some examples together

Code along - Mealworm

Branches 9 & 10

Additional Reading

- <https://reactjs.org/docs/hooks-state.html>