

What are react hooks

Make A functional Component

Use react hooks

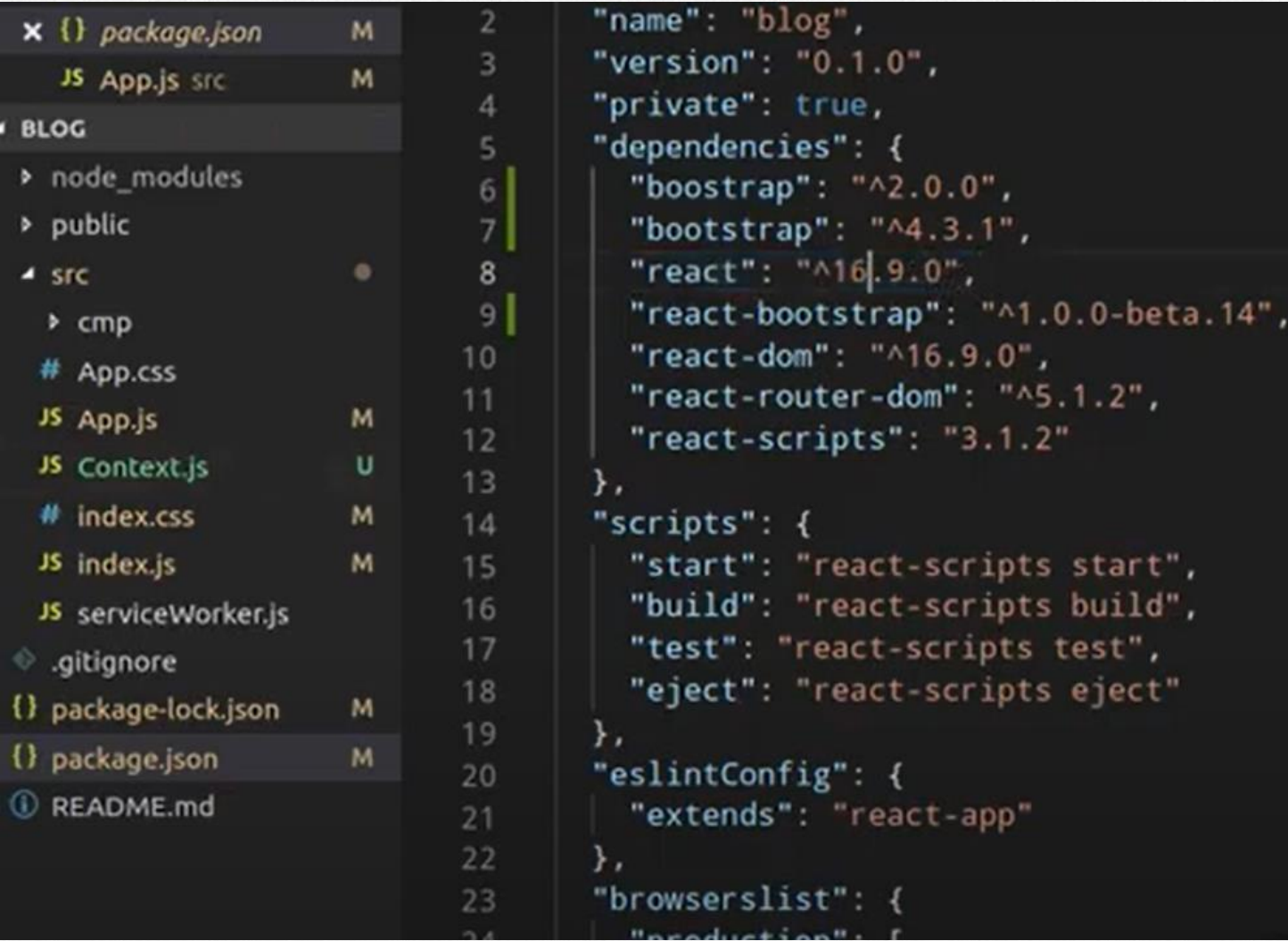
Test it

I

Introducing Hooks

Hooks are a new addition in **React 16.8**. They let you use state and other React features without writing a class.

Hooks only work if version is 18.8 or greater



```
{  
  "name": "blog",  
  "version": "0.1.0",  
  "private": true,  
  "dependencies": {  
    "bootstrap": "^2.0.0",  
    "bootstrap": "^4.3.1",  
    "react": "^16.9.0",  
    "react-bootstrap": "^1.0.0-beta.14",  
    "react-dom": "^16.9.0",  
    "react-router-dom": "^5.1.2",  
    "react-scripts": "3.1.2"  
  },  
  "scripts": {  
    "start": "react-scripts start",  
    "build": "react-scripts build",  
    "test": "react-scripts test",  
    "eject": "react-scripts eject"  
  },  
  "eslintConfig": {  
    "extends": "react-app"  
  },  
  "browserslist": {  
    "production": f
```

Hooks are use only functional component not class

```
JS App.js > App > setCount
import React,{useState} from 'react';
function App()
{
  const [count,setCount]=useState(100)
  return(<div>
    <h1>Hooks in functional Component {count}</h1>
    <button onClick={()=>{setCount(count+1)}}>Increment</button>
  </div>)
}

export default App;
```


- useSate is the hooks:-

```
src > JS App.js > App
1  import React,{useState} from 'react';
2  function App()
3  {
4      const [count,setCount]=useState(100)
5      return(<div>
6          <h1>Hooks in functional Component
7          <button onClick={()=>{setCount(count+1)}}>Increment</button>
8      </div>)
9  }
10
11
12
13  export default App;
14
```

setCount(value: React.SetStateAction<number>)

```
> JS App.js > ...
1 import React,{useState} from 'react';
2 function App()
3 {
4   const [count,setCount]=useState(100)
5   return(<div>
6     <h1>Hooks in functional Component {count}</h1>
7     <button onClick={()=>{setCount(count-1)}}>Increment</button>
8   </div>)
9 }
10
11
12
13 export default App;
14
```

- We can not use state and life cycle inside the functional component.
- So resolve this hooks are introduce in functional component.

What is Hooks

What is useEffect Hooks

What is the need of them

Replacement for componentWillMount

componentDidMount

componentDidUpdate

Example

We can use life cycle inside the Functional
component using Effects

Thanks