

🚩 Current Skill Use Effect

## useEffect

The `useEffect()` method takes:

A function as the first parameter that describes the effect we want to apply. Then, it takes an array as a second parameter that will determine when this effect should appear or disappear.

So keep in mind that to start up, we need to use an empty array `[]` as a second parameter.

However, this parameter remains optional.

`[]` means the effect doesn't use any value that participates in React's data flow and that's the reason why it is considered safe to apply it once.

It is also considered a common source of bugs when the value is actually being used.

This code will better illustrate what we have mentioned:

```
// setting the useEffect to trigger while the component is been rendering  
useEffect(()=>{  
  alert(`hello this a message`)  
},[])
```



## useEffect

The `useEffect()` method allows component functions to manage side effects.

It plays the same role as `componentDidMount()`, `componentDidUpdate()`, and `componentWillUnmount()` in React classes only it is implemented through a single API.



```
import React, {useState,useEffect} from 'react';

function Example() {
  const [count,setCount] = useState(0);

  //useEffect is the equivalent of componentDidMount && componentDidUpdate in functional components
  useEffect(()=> {
    //Update the document title in your page in each clicks
    document.title = `You clicked ${count} time`;
  });

  return(
    <div>
      <p>Count the number of clicks in your page title : </p>
      <button onClick={() => setCount(count + 1)}>
        Click here
      </button>
    </div>
  )
}
```

## React Hooks useEffect Hook



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