useEffect Hook

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مهارات المستقبل

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Objective

- useEffect Hook
- useEffect Dependencies

React useEffect Hooks

- By using this Hook, you tell React that your component needs to do something after render.

- useEffect accepts two arguments. The second argument is optional.

```
useEffect(<function>, <dependency>)
```

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React useEffect Hooks

```
function Example() {
const [count, setCount] = useState(0);
useEffect(() => { document.title = `You clicked ${count} times`; });
return (
<div>
 <p>You clicked {count} times</p>
<button onClick={() => setCount(count + 1)}> Click me </button>
</div> ); }
```

useEffect Dependencies

- This is not what we want. There are several ways to control when side effects run.

- We should always include the second parameter which accepts an array. We can optionally pass dependencies to useEffect in this array.

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1. No dependency passed: `Runs on every render`

```
useEffect(() => { });
```

useEffect Dependencies

2. An empty array: Runs only on the first render

```
useEffect(() => { }, []);
```

3. Props or state values: Runs on the first render //And any time any dependency value changes

```
useEffect(() => { }, [prop,state]);
```

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Summary

- useEffect Hook

- useEffect Dependencies

Resources

- https://www.w3schools.com/react/react_useeffect.asp

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