

Trainer guide

Examples and exercises (React)

React-10 – useEffect

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This exercise helps learners to understand how the useEffect dependency array works.

src/App.jsx

- We've seen that useEffect can be used to handle side effects in a React application.
- We've also looked at how the useEffect dependency array can be used to tell React when to run those side effects, whether that's when a component first renders, or when a piece of state changes, or when a prop changes.
- This is another counter application, but this one has confetti.
- *Refresh the page.*
- When the app first loads, confetti is displayed showing the current value of the counter (zero).

Exercise

- Your task is to update the useEffect dependency array so that the confetti displays every time the value of **count** changes (rather than only when the page loads).

Solve the exercise live before moving on.

Solution

- We can tell React that we want the effect to run in response to the value "count" changing.
- We can achieve this by placing **count** inside the dependency array.

```
useEffect(() => {  
  if (isConfettiEnabled) {  
    addConfetti({ text: count.toString() })  
  }  
}, [count])
```

- *Demonstrate the app working as intended.*

[Solution reference](#)