React tip:

Prefer primitives in useEffect

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The problem

Performance issues arise when **entire objects are passed** as dependencies when you only need a primitive value. This ends up causing effects to run unnecessarily.

```jsx
const ShoppingList = ({ product }) => {
  useEffect(() => {
    console.log(`${product.id} units has
changed to ${product.units}.`);
  }, [product]);

  return (
    <>
      <h3>{product.id}</h3>
      <span>
        {product.price} x {product.units}
      </span>
    </>
  );
};
```

The solution

is to use only the parts of the **object that the effect relies on**. Oftentimes, these are primitives, such as strings and numbers. Comparing their values to the previous dependencies is **more efficient** and avoids unnecessary re-runs.

```jsx
const ShoppingList = ({ product }) => {
  const { id, units, price } = product;

  useEffect(() => {
    console.log(`${id} units has changed
to ${units}.`);
  }, [id, units]);

  return (
    <>
      <h3>{id}</h3>
      <span>
        {price} x {units}
      </span>
    </>
  );
};
```

Do you find it helpful?

let me know down in the comments !

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