

## Twitter Thread by [George Moller](#)



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7 common React mistakes that you should avoid.

■ Thread ■



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# 01

## NOT EXTRACTING COMPONENT'S LOGIC IN CUSTOM HOOKS

```
const ProductList = () => {  
  const [products, setProducts] = React.useState([])  
  
  React.useEffect(() => {  
    const fetchProducts = async () => {  
      const products = await ProductsApi.getProducts()  
  
      setProducts(products)  
    }  
  
    fetchProducts()  
  }, [])  
  
  return (...)  
}
```

```
function useProducts() {  
  const [products, setProducts] = React.useState([])  
  
  React.useEffect(() => {  
    const fetchProducts = async () => {  
      const products = await ProductsApi.getProducts()  
      setProducts(products)  
    }  
    fetchProducts()  
  }, [])  
  
  return products  
}  
  
const ProductList = () => {  
  const products = useProducts()  
  return (...)  
}  
  
const OtherComponentThatUsesProducts = () => {  
  const products = useProducts()  
  return (...)  
}
```

# 04

## OMITTING FUNCTIONS IN USE EFFECT DEPENDENCIES

```
function ProductPage({ productId }) {  
  const [product, setProduct] = useState(null);  
  
  async function fetchProduct() {  
    const response = await ProductsApi.getProductById(productId)  
    const json = await response.json();  
    setProduct(json);  
  }  
  
  useEffect(() => {  
    fetchProduct();  
  }, []);  
  /* ❌ Not ok, because fetchProduct won't re-run  
  if productId changes */  
}
```

```
function ProductPage({ productId }) {  
  const [product, setProduct] = useState(null);  
  
  useEffect(() => {  
    // By moving this function inside the effect,  
    // we can clearly see the values it uses.  
    async function fetchProduct() {  
      const response = ProductsApi.getProductById(productId)  
      const json = await response.json();  
      setProduct(json);  
    }  
  
    fetchProduct();  
  }, [productId]);  
  // ✅ Valid because our effect only uses productId  
}
```

07

## USING MEMO/useMemo too soon

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A complete example of this can be found here:

<https://overreacted.io/before-you-memo/>

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**Did you find it useful?**

Let me know in the comments.