What are React hooks?

not exactly this but lets find out !

Alex Hallenbeck @artstation

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Hooks are the **new feature** introduced in the React **16.8** version. It **allows** you to **use state** and other React features without writing a class.

Hooks are the **functions** which "hook into" React state and lifecycle features from function components. It does **not** work inside **classes**.

Hooks are **backward-compatible**, which means it does not contain any breaking changes. Also, it does not replace your knowledge of React concepts.

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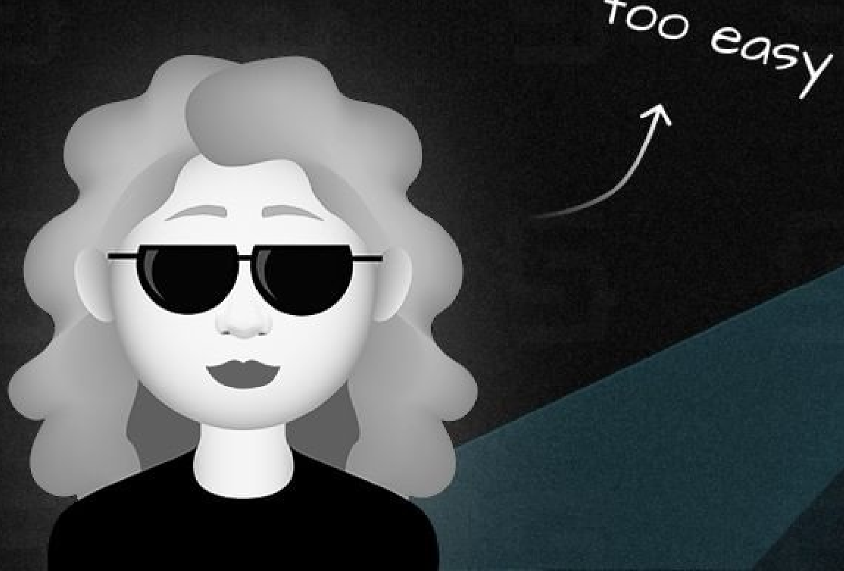
When to use **Hooks**?

If you write a function component, and then you want to **add** some **state** to it, previously you did this by converting it to a class.

But, now you can do it by using a Hook inside the existing **function** component.



Rules of Hooks

Only call Hooks at the top level

- Do **not** call Hooks inside **loops**, **conditions**, or **nested** functions. Hooks should always be used at the top level of the React functions.

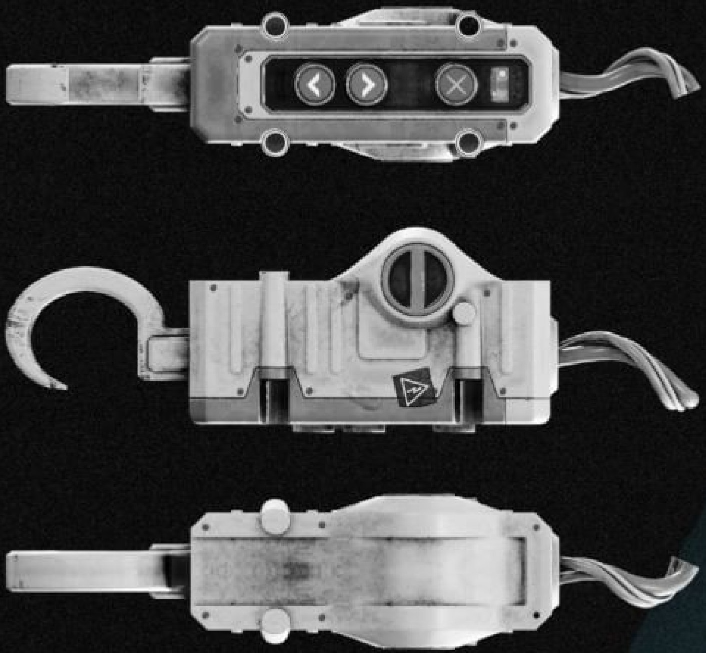
Only call Hooks from React functions

- You **cannot** call Hooks from **regular** JavaScript functions. Instead, you can call Hooks from React function components.

Types of Hooks

Basic Hooks

- useState
- useEffect
- useContext



Additional Hooks

- useReducer
- useCallback
- useMemo
- useRef
- useImperativeHandle
- useLayoutEffect
- useDebugValue

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Slobodan Gajić

Content Creator

Code with >_ Sloba

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