

Title: How useState hook works? What is/are the arguments accepted by this hook and what is returned by the hook?

Answer:

useState hook is a function which is used to store state value in a functional component. It accepts an argument as the initial value of the state. It returns an array with 2 elements. First element is the current value of state. Second element is a function to update the state.

We import useState first from React by

```
import React, {useState} from "react";
```

Later we use useState like:

```
const [currentStateValue, functionToUpdateState] = useState(initialStateValue);
```

The useState() is a Hook that allows to have state variables in functional components.

```
import React, { useState } from 'react'

const App = () => {
  const [count, setCount] = React.useState(0)

  const handleIncrease = () => {
    setCount(count + 1)
  }

  const handleDecrease = () => {
    setCount(count - 1)
  }

  return (
    <div>
      Count: {count}
      <hr />
      <div>
        <button type="button" onClick={handleIncrease}>
          Increase
        </button>
        <button type="button" onClick={handleDecrease}>
          Decrease
        </button>
      </div>
    </div>
  )
}
```

The `useState()` function takes as argument a value for the initial state. In this case, the count starts out with 0. In addition, the hook returns an array of two values: **count** and **setCount**. It's up to you to name the two values, because they are destructured from the returned array where renaming is allowed.

Tags: react-hooks