

FORWARDREF

In React, the `forwardRef` function is a built-in utility that allows you to pass a ref from a parent component to a child component. Refs in React are typically used to gain direct access to a DOM element or a class component instance.

When you use the `forwardRef` function, you create a higher-order component (HOC) that wraps your child component. This HOC then receives the ref as a second argument and forwards it to the wrapped child component. By doing this, ***you enable the parent component to reference the child component's underlying DOM element or component instance.***

```
User.js
import React,{forwardRef} from 'react';
function User(props,ref){
  return (
    <div>
    <input type="text" ref={ref}/>
    </div>
  )
}
export default forwardRef(User)
```

```
App.js
import React, {useRef} from "react";
import User from "./User"
function App(){
  let inputRef = useRef(null)
  function updateInput(){
    inputRef.current.value ="1000"
    inputRef.current.style.color="red"
  }

  return (
    <div>
    <h1>forwardref in react</h1>
    <User ref={inputRef} />
    <button onClick={updateInput}> update inputbox</button>
    </div>
  );
}
export default App;
```