

Lifecycle:

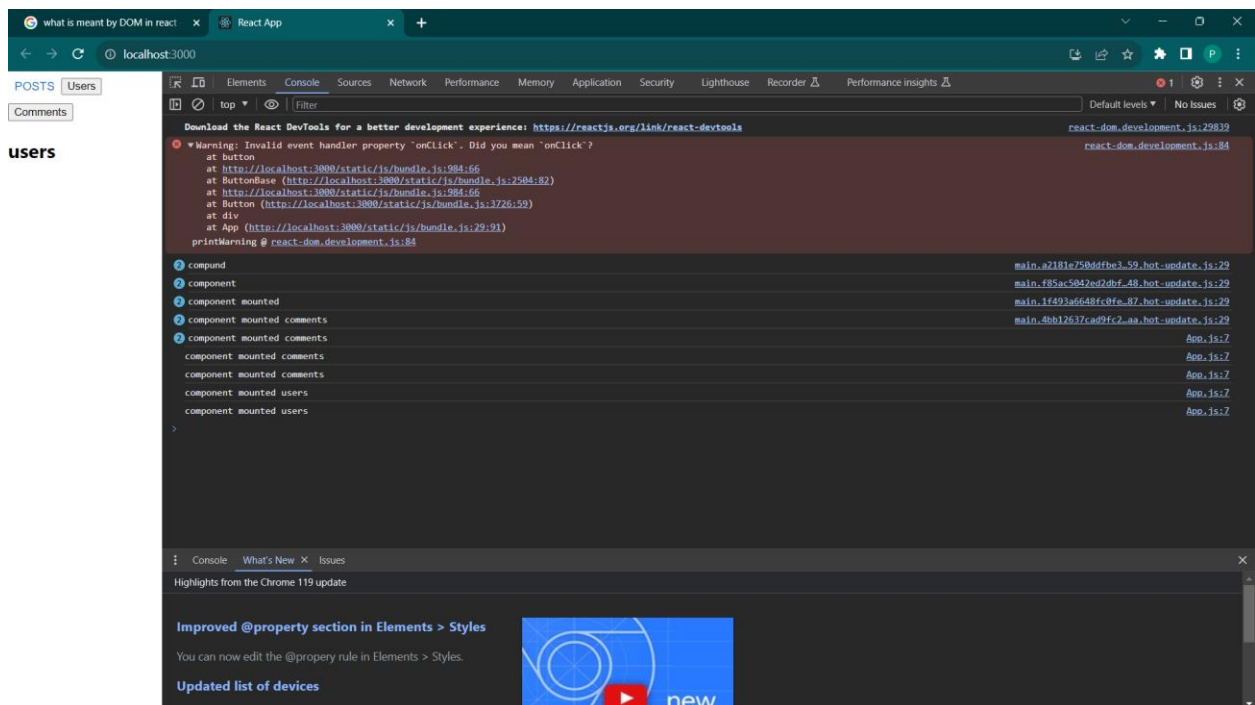
```
import React,{useState}from 'react';
import { Button } from '@mui/material';

const App = () => {
  const[resourceType,setResourceType]=useState("posts");
  console.log("component mounted",resourceType);
  return (
    <div>
      <Button onClick={()=>setResourceType("posts")}>Posts</Button>

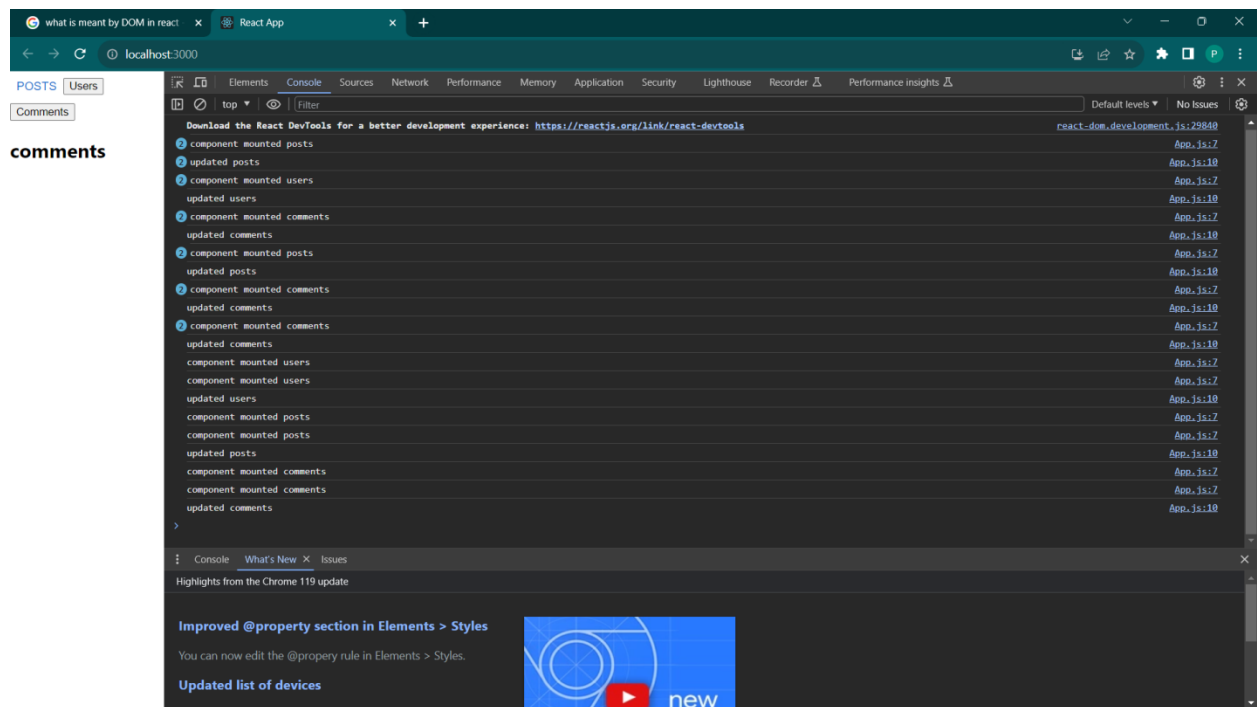
      <button onClick={()=>setResourceType("users")}>Users</button>
      <button onClick={()=>setResourceType("comments")}>Comments</button>
      <h2>{resourceType}</h2>
    </div>
  );
}
export default App;
```

output: for console (ctrl + sht + i)

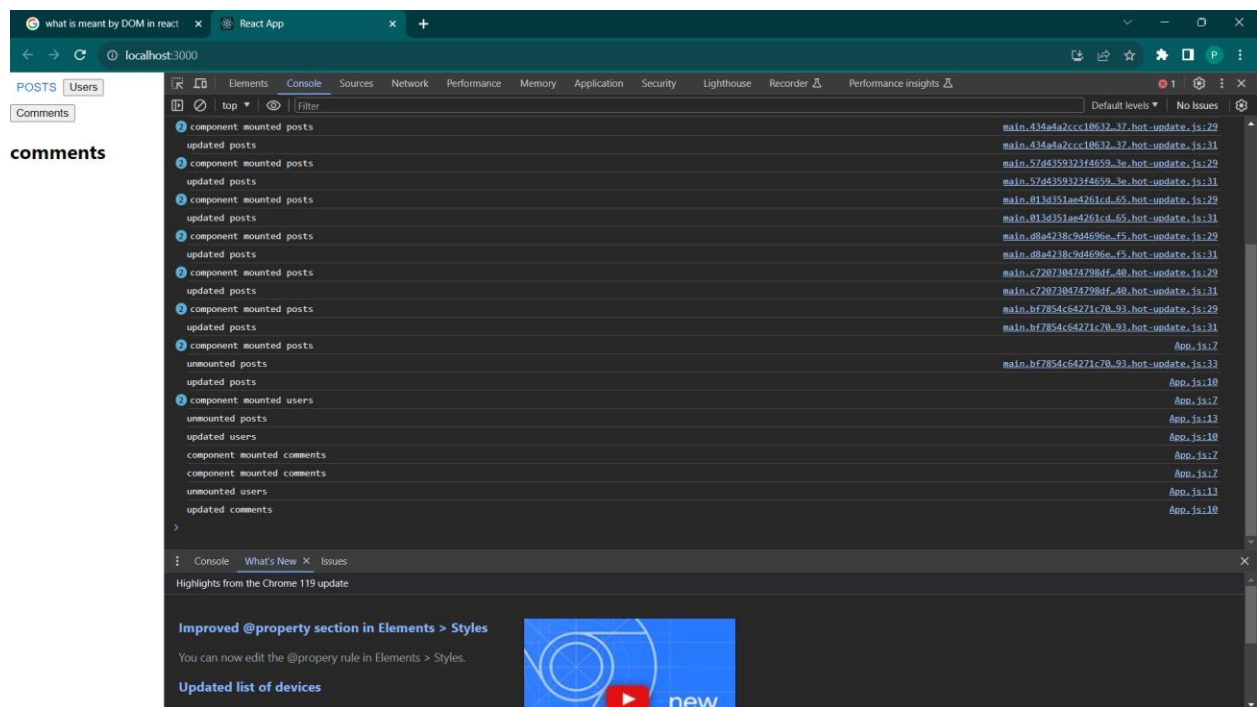
mounting is done using a useState:



Update – useEffect



Unmounted:



Overall program:

```
import React,{useState,useEffect}from 'react';
import { Button } from '@mui/material';

const App = () => {
  const[resourceType,setResourceType]=useState("posts");
  console.log("component mounted",resourceType);

  useEffect(()=>{
    console.log("updated",resourceType);

    return()=>{
      console.log("unmounted",resourceType);
    }
  },[resourceType])

  return (
    <div>
      <Button onClick={()=>setResourceType("posts")}>Posts</Button>

      <button onClick={()=>setResourceType("users")}>Users</button>
      <button onClick={()=>setResourceType("comments")}>Comments</button>
      <h2>{resourceType}</h2>
    </div>
  );
}
export default App;
```