

GithubURL

W04-P1: Hooks Tutorial T1_26

The screenshot displays a development environment on a Mac. On the left is a code editor (VS Code) showing a file named `T1-26-error-example.js`. The code defines a component `T1_26_ErrorExample` that logs 'title' and 'title' to the console when the button is clicked. The browser window on the right shows the rendered page at `localhost:3000`, which includes a heading "Tutorial 1 - 210410626" and a button labeled "Random Itle". A red box highlights the word "Hello world" in the heading. Below the browser is the macOS system tray and dock, which contains icons for various applications like Finder, Mail, and Safari.

```
1 import React from 'react';
2
3 const T1_26_ErrorExample = () => {
4   let title = 'random itle'
5   const handleClick = () => {
6     title = 'Hello world';
7     console.log('title', title);
8   }
9   return (
10    <>
11    <h2>{title}</h2>
12    <button type="button" className='btn' onClick={handleClick}>change title</button>
13   </>
14 );
15
16
17 export default T1_26_ErrorExample;
18
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Compiled with warnings.

[eslint]
src/index.js
Line 8:5: Imported JSX component App_26 must be in PascalCase or SCREAMING_SNAKE_CASE react

Search for the [keywords](#) to learn more about each warning.
To ignore, add `// eslint-disable-next-line` to the line before.

WARNING in [eslint]
src/index.js

Ln 12, Col 77 Spaces: 2 UTF-8 LF Go Live

webpack-dev-server] Server started: Hot Module Replacement enabled, Live index.js:551
Reloading enabled, Progress disabled, Overlay enabled.

Warning: ReactDOM.render is no longer supported in React 18. react-dom.development.js:86
Use createRoot instead. Until you switch to the new API, your app will behave as if it's running React 17. Learn more: https://reactjs.org/link/switch-to-createRoot

title Hello world T1-26-error-example.js:7

Console What's New Issues

Highlights from the Chrome 105 update

W04-P2: Hooks Tutorial T12_xx, fix problem in T11_xx

The screenshot shows a Mac desktop environment. At the top, the Dock contains icons for various applications like Finder, Mail, and Safari. In the center, a code editor (VS Code) displays a file named T2_26_useStateBasics.js. A red box highlights the following code block:

```

1 import React, { useState } from 'react';
2
3 const T2_26_UseStateBasics = () => {
4   //let title = 'random title'
5   const [title, setTitle] = useState('random title');
6   const handleClick = () => {
7     setTitle('Hello world');
8     console.log('title', title);
9   }
10  console.log('title1', title);
11
12  <>
13  <h2>{title}</h2>
14  <button type="button" className='btn' onClick={handleClick}>change title</button>
15  </>
16  );
17 };
18
19 export default T2_26_UseStateBasics;
20

```

Below the code editor is the macOS status bar showing battery level (10%), signal strength, and the date/time (9月 29日 週四下午 12:44).

To the right of the code editor is a web browser window showing a local host page at 3000. The page title is "Tutorial 1 - 210410626" and the content is "Hello World". Below the content is a button labeled "Change Title".

At the bottom of the screen is the macOS taskbar, which includes the "Console" application icon.

W04-P3: Hooks Tutorial T13_xx, useState using array of objects with remove item capability

Chrome 檔案 編輯 檢視 歷史記錄 書籤 設定檔 分頁 視窗 說明

9月29日 週四 下午 1:22

w04_26.md JS T3-26-useState-array.js JS App_26.js M JS data.js M JS index.js M

```

src > tutorial > 1-useState > JS T3-26-useState-array.js > [T3_26_UseStateArray]
  1 import React, { useState } from 'react';
  2 import { data } from '../.../data';
  3
  4 const T3_26_UseStateArray = () => {
  5   const [people, setPeople] = useState(data);
  6   const removeItem = (id) => {
  7     let newPeople = people.filter( (person) => person.id !== id);
  8     setPeople(newPeople);
  9   };
 10
 11   console.log('people', people);
 12   return (
 13     <>
 14       {people.map( (person) => {
 15         const {id, name} = person;
 16         return (
 17           <div key={id} className='item'>
 18             <h4>{name}</h4>
 19             <button onClick={ () => removeItem(id)}>Remove</button>
 20           </div>
 21         )
 22       })
 23     </>
 24   );
 25 };
 26
 27 export default T3_26_UseStateArray;

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

You can now view w01-bookList-26 in the browser.

Local: http://localhost:3000
On Your Network: http://172.20.10.3:3000

Note that the development build is not optimized.
To create a production build, use `npm run build`.

webpack compiled successfully

Elements Console Sources Network Performance

Dimensions: Responsive 662 x 347 100% No throttling

Tutorial 3 - 210410626

John Remove

Susan Remove

Weiyi Remove

people [3] {…}, {…}, {…} 1
 0: {id: 1, name: 'john'}
 1: {id: 3, name: 'susan'}
 2: {id: 4, name: 'weiyi'}
 length: 3

people [3] {…}, {…}, {…}

react devtools backend.js:4082

Ln 13, Col 7 Spaces: 2 UTF-8 LF JavaScript Go Live

9月 29 日

W04-P4: W03 menu demo, adding filter function for categories

Chrome 檔案 編輯 檢視 歷史記錄 書籤 設定檔 分頁 視窗 說明

9月29日 週四 上午 9:59

App_26.js - 1111-wp1-demo-26

JS App_26.js X JS Category_26.js X JS Menu_26.js X JS data.js

```

src > JS App_26.js > [App_26]
  1 import { useState } from 'react';
  2 import Category_26 from './components/Category_26';
  3 import './App_26.css';
  4 import Menu_26 from './components/Menu_26';
  5 import items from './data';
  6
  7 const allCategories = ['all', 'breakfast', 'lunch', 'shakes', '26']
  8
  9 const App_26 = () => {
 10   const [menuItems, setMenuItem] = useState(items);
 11   const [categories, setCategories] = useState(allCategories);
 12
 13   const filterItems = (category) => {
 14     if(category === 'all') {
 15       setMenuItem(items);
 16     }else {
 17       const newItems = items.filter( (item) => item.category === category);
 18       setMenuItem(newItems);
 19     }
 20   }
 21
 22   console.log('menuItems', menuItems);
 23   return (
 24     <section class="menu">
 25       /* <-- title --> */
 26       <div class="title">
 27         <h2>our menu 210410626</h2>
 28       </div>

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

WARNING in [eslint]
src/App_26.js
Line 11:22: 'steCategories' is assigned a value but never used no-unused-vars
Line 31:5: Imported JSX component Category_26 must be in PascalCase or SCREAMING_SNAKE_CASE react/jsx-pascal-case
Line 33:5: Imported JSX component Menu_26 must be in PascalCase or SCREAMING_SNAKE_CASE react/jsx-pascal-case

src/data.js
Line 1:8: 'App_26' is defined but never used no-unused-vars

webpack compiled with 1 warning

Elements Console Sources Network Performance

Dimensions: Responsive 395 x 625 100%

Our Menu 210410626

All Breakfast Lunch Shakes 26

Bison Steak 22.99

skateboard fam synth authentic semiotics. Live-edge lyft af, edison bulb yuccie crucifix microdosing.

menuItems [10] {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}
 0: {id: 1, title: 'buttermilk pancakes'}
 1: {id: 2, title: 'diner double', cate}
 2: {id: 3, title: 'godzilla milkshake'}
 3: {id: 4, title: 'country delight', c}
 4: {id: 5, title: 'egg attack', catego}
 5: {id: 6, title: 'oreo dream', catego}
 6: {id: 7, title: 'bacon overflow', ca}
 7: {id: 8, title: 'american classic', }
 8: {id: 9, title: 'quarantine buddy', }
 9: {id: 10, title: 'bison steak', cate}
 length: 10
 [[Prototype]]: Array(0)

menuItems [10] {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}

react devtools backend.js:4082

menuItems [10] {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}
 0: {id: 10, title: 'bison steak', cate}
 length: 1
 [[Prototype]]: Array(0)

items [10] {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}

react devtools backend.js:4082

Ln 24, Col 17 Spaces: 2 UTF-8 LF JavaScript Go Live

9月 29 日

W04-logs: show all four logs done today

```
● (base) huangweiyi@huangweiyideMacBook-Pro 1111-wp1-demo-26 % git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-09-29"
● (base) huangweiyi@huangweiyideMacBook-Pro 1111-wp1-demo-26 % git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-09-29"
● (base) huangweiyi@huangweiyideMacBook-Pro 1111-wp1-demo-26 % git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-09-06"
f2c6242 WeiYiHuangfelix Thu Sep 29 13:36:35 2022 +0800 w04
02e45ff WeiYiHuangfelix Wed Sep 21 21:04:27 2022 +0800 W03
a85f831 WeiYiHuangfelix Thu Sep 15 16:54:26 2022 +0800 W02-P5: copy W02 files to demo/w02_booklist
29a7710 WeiYiHuangfelix Thu Sep 15 16:32:37 2022 +0800 Make components -- Booklist_xx.js, Book_xx.js, data.js, App_xx.js
7c8340e WeiYiHuangfelix Thu Sep 15 13:48:55 2022 +0800 Add two more books (total = 5 books), marked 4th or 5th book based on your ID's last digit
13bf6f8 WeiYiHuangfelix Thu Sep 15 13:48:02 2022 +0800 Add two more books, marked books based on your ID's last digit
7d2f23f WeiYiHuangfelix Thu Sep 15 13:45:36 2022 +0800 add w01 files
○ (base) huangweiyi@huangweiyideMacBook-Pro 1111-wp1-demo-26 %
```