

File Edit View Navigate Code Refactor Build Run Tools Git Window Help cms-client-ui - ClientList.test.tsx

cms-client-ui > src > _tests_ > ClientList.test.tsx

ClientFileConfigWizard.tsx ClientList.tsx ClientList.test.tsx

Project

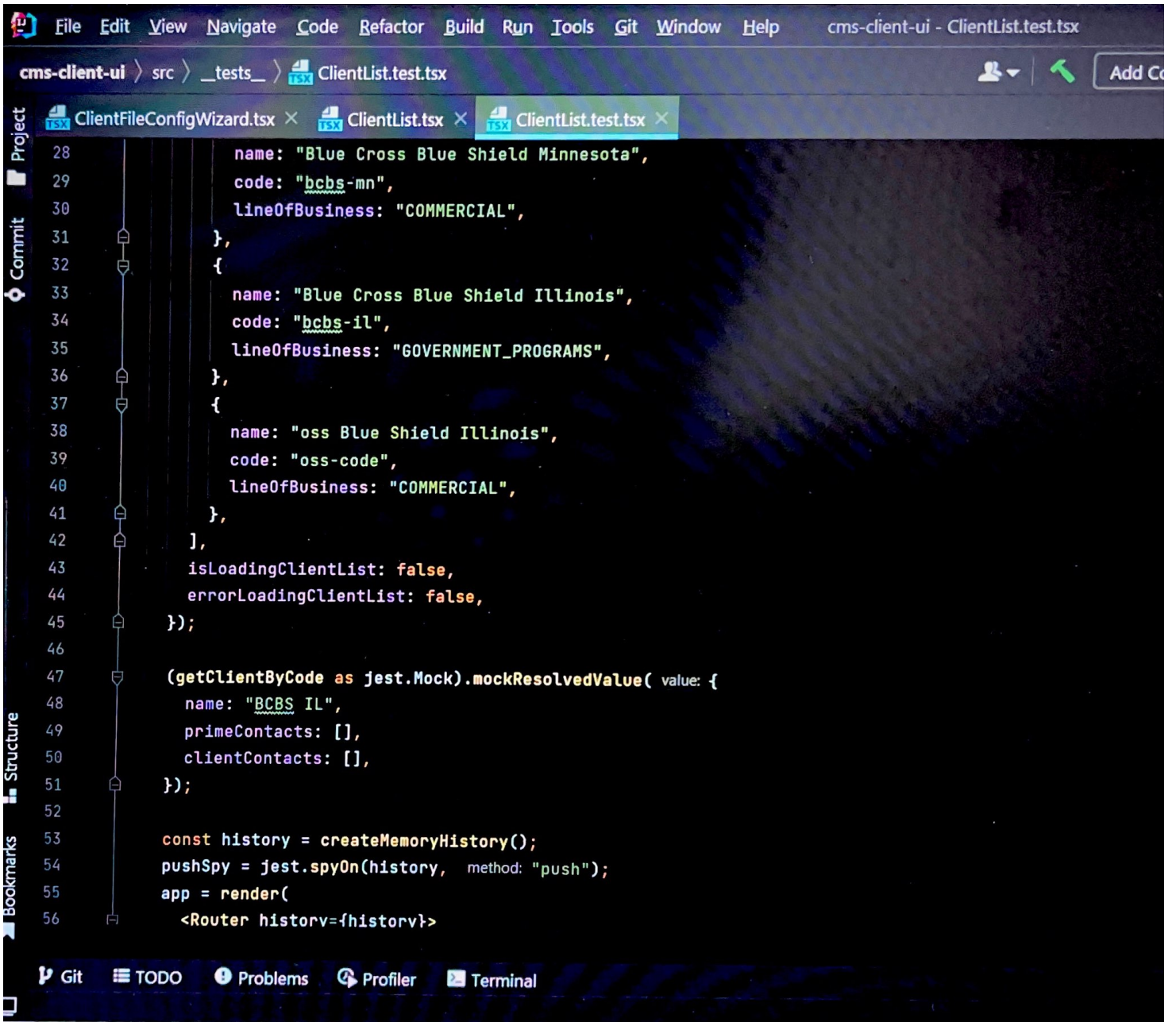
Commit

Structure

Bookmarks

```
1  import {
2    fireEvent,
3    render,
4    RenderResult,
5    waitFor,
6  } from "@testing-library/react";
7  import React from "react";
8  import { getClientByCode, useListAllClients } from "../api/ClientApi";
9  import { MemoryRouter, Router } from "react-router";
10 import { createMemoryHistory } from "history";
11 import { ClientList } from "../pages/ClientList";
12
13 jest.mock( moduleName: "../api/ClientApi");
14
15 >> describe( name: "Client List", fn: () => {
16   let app: RenderResult;
17   let pushSpy: jest.SpyInstance;
18
19   beforeEach( fn: () => {
20     (useListAllClients as jest.Mock).mockReturnValue( value: {
21       clientList: [
22         {
23           name: "Blue Cross Blue Shield Texas",
24           code: "bcbs-tx",
25           lineOfBusiness: "GOVERNMENT_PROGRAMS",
26         },
27         {
28           name: "Blue Cross Blue Shield Minnesota",
29           code: "bcbs-mn".
```

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```
55     app = render(  
56       <Router history={history}>  
57         <ClientList />  
58       </Router>  
59     );  
60   });  
61  
62   afterEach( fn: () => {  
63     jest.clearAllMocks();  
64   });  
65  
66   it( name: "should list the clients", fn: async () => {  
67     await waitFor( callback: () => {  
68       expect(useListAllClients).toHaveBeenCalled();  
69     });  
70  
71     const bcbsILRow = app.container.querySelector(  
72       selectors: '[data-testid="client-list-row-bcbs-il"]'  
73     );  
74  
75     expect(  
76       bcbsILRow?.textContent?.includes( searchString: "Blue Cross Blue Shield Illinois")  
77     ).toBeTruthy();  
78   });  
79  
80   it( name: "should list the clients in alphabetical order", fn: async () => {  
81     await waitFor( callback: () => {  
82       expect(useListAllClients).toHaveBeenCalled();  
83     });
```

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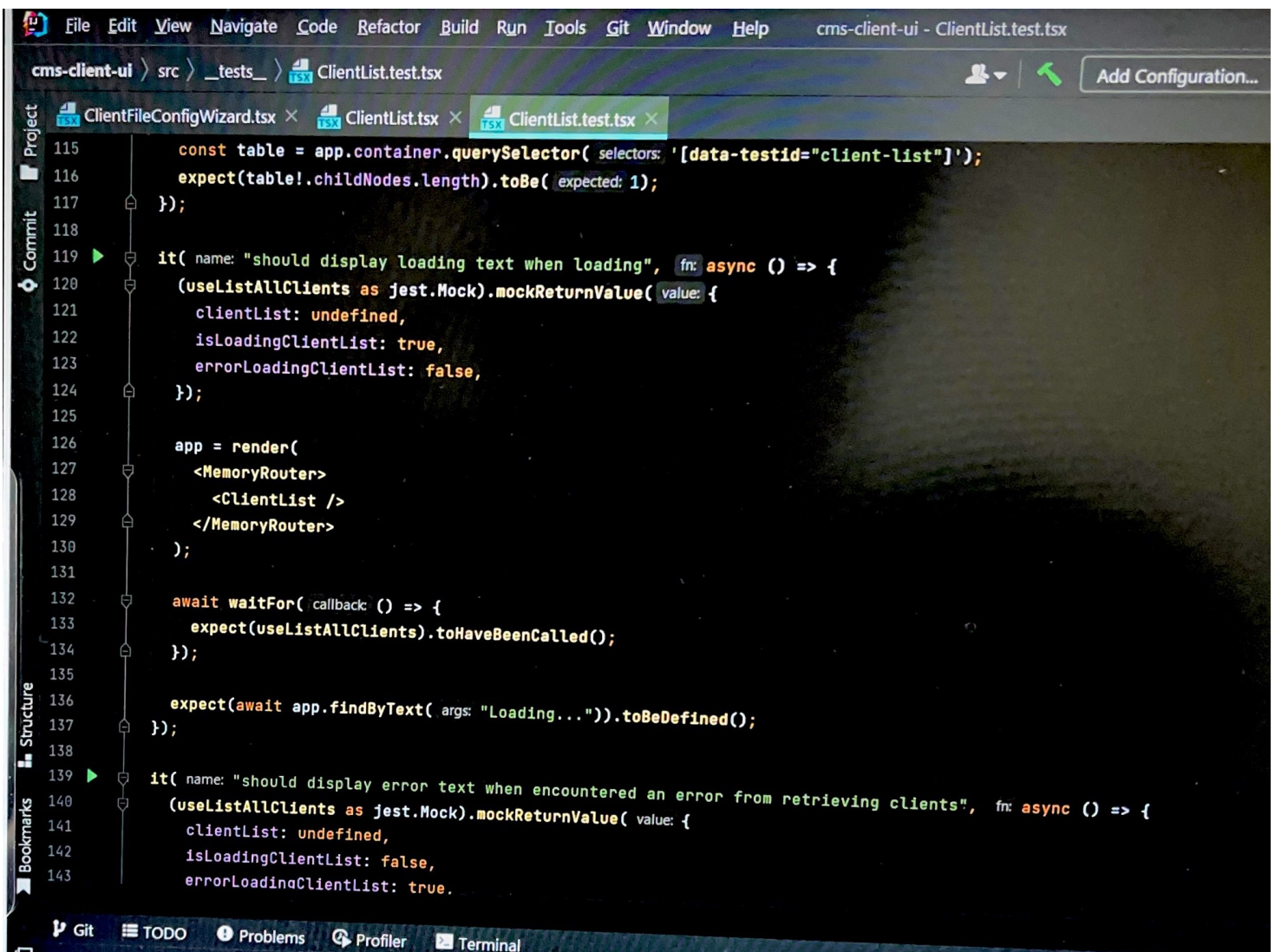


Add Configuration...

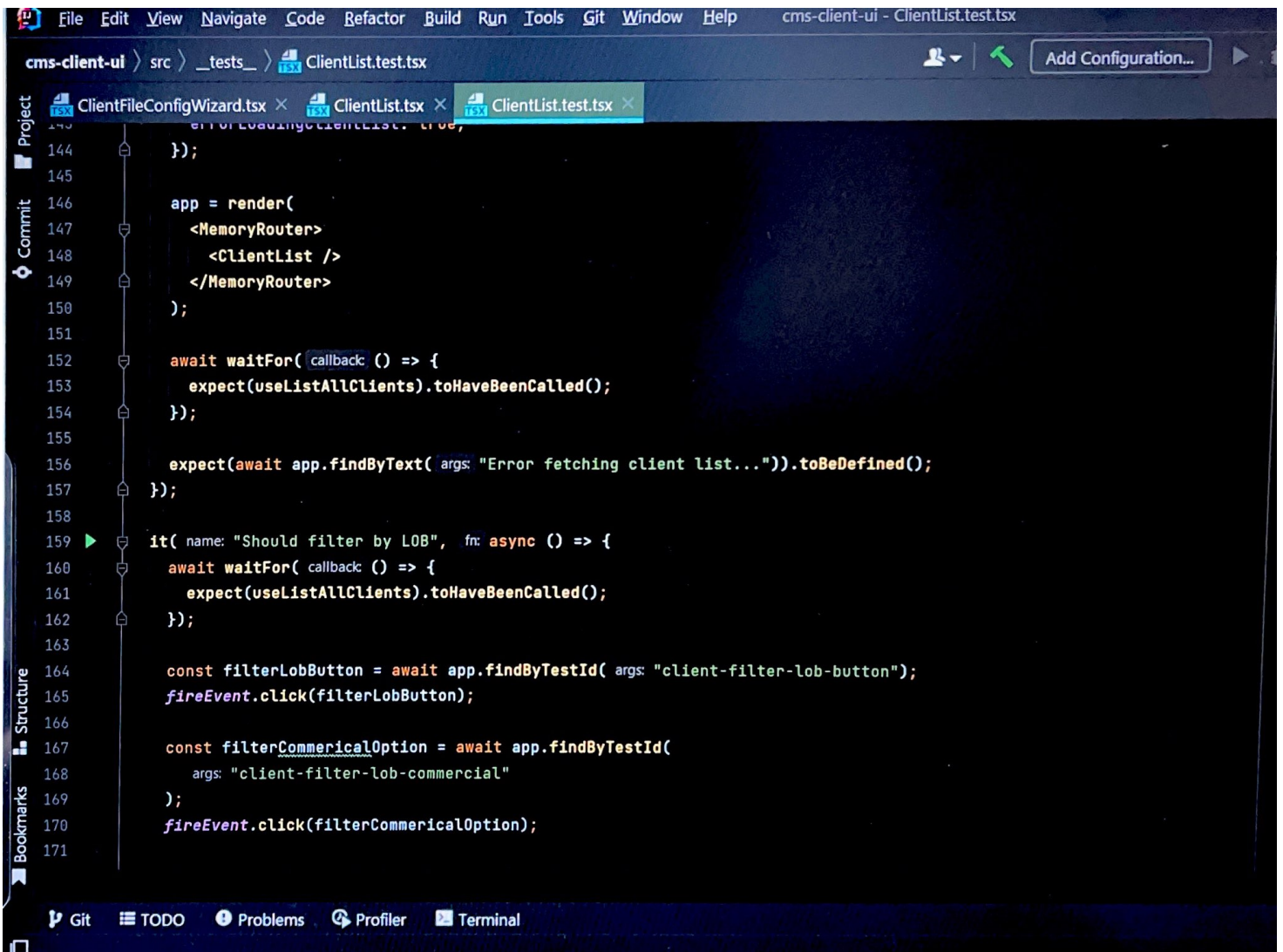
ClientFileConfigWizard.tsx × ClientList.tsx × ClientList.test.tsx ×

```
85     const table = app.container.querySelector( selectors: '[data-testid="client-list"]');
86
87     const firstRow = app.getByText( args: "Blue Cross Blue Shield Illinois");
88     const secondRow = app.getByText( args: "Blue Cross Blue Shield Minnesota");
89     const thirdRow = app.getByText( args: "Blue Cross Blue Shield Texas");
90     const fourthRow = app.getByText( args: "oss Blue Shield Illinois");
91
92     expect(table!.childNodes[1].firstChild).toBe(firstRow);
93     expect(table!.childNodes[2].firstChild).toBe(secondRow);
94     expect(table!.childNodes[3].firstChild).toBe(thirdRow);
95     expect(table!.childNodes[4].firstChild).toBe(fourthRow);
96   });
97
98   it( name: "should not error when there is no client", fn: async () => {
99     (useListAllClients as jest.Mock).mockReturnValue( value: {
100       clientList: undefined,
101       isLoadingClientList: false,
102       errorLoadingClientList: false,
103     });
104
105     app = render(
106       <MemoryRouter>
107         <ClientList />
108       </MemoryRouter>
109     );
110
111     await waitFor( callback: () => {
112       expect(useListAllClients).toHaveBeenCalled();
113     });
```

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```
115     const table = app.container.querySelector( selectors: '[data-testid="client-list"]');
116     expect(table!.childNodes.length).toBe( expected: 1);
117   });
118
119   it( name: "should display loading text when loading", fn: async () => {
120     (useListAllClients as jest.Mock).mockReturnValue( value: {
121       clientList: undefined,
122       isLoadingClientList: true,
123       errorLoadingClientList: false,
124     });
125
126     app = render(
127       <MemoryRouter>
128         <ClientList />
129       </MemoryRouter>
130     );
131
132     await waitFor( callback: () => {
133       expect(useListAllClients).toHaveBeenCalled();
134     });
135
136     expect(await app.findByText( args: "Loading...")).toBeDefined();
137   });
138
139   it( name: "should display error text when encountered an error from retrieving clients", fn: async () => {
140     (useListAllClients as jest.Mock).mockReturnValue( value: {
141       clientList: undefined,
142       isLoadingClientList: false,
143       errorLoadingClientList: true.
```




```
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ClientFileConfigWizard.tsx ClientList.tsx ClientList.test.tsx

172 const table = app.container.querySelector( selectors: '[data-testid="client-list"]');
173
174 const secondRow = app.getByText( args: "Blue Cross Blue Shield Minnesota");
175 const fourthRow = app.getByText( args: "oss Blue Shield Illinois");
176
177 expect(table!.childNodes[1].firstChild).toBe(secondRow);
178 expect(table!.childNodes[2].firstChild).toBe(fourthRow);
179 });
180
181 it( name: "should link to the client details page", fn: async () => {
182   await waitFor( callback () => {
183     expect(useListAllClients).toHaveBeenCalled();
184   });
185
186   const bcbsIlRow = app.container.querySelector(
187     selectors: '[data-testid="client-list-row-bcbs-il"]'
188   );
189
190   fireEvent.click(bcbsIlRow!);
191
192   expect(pushSpy).toHaveBeenCalledWith( params: "/client/bcbs-il");
193 });
194
195 it( name: "should link to the edit page", fn: async () => {
196   await waitFor( callback () => {
197     expect(useListAllClients).toHaveBeenCalled();
198   });
199 }
```

```
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ClientFileConfigWizard.tsx x ClientList.tsx x ClientList.test.tsx x

198 });
199
200 const bcbsILRow = app.container.querySelector(
201   selectors: '[data-testid="client-list-edit-bcbs-mn"]'
202 );
203
204 fireEvent.click(bcbsILRow!);
205
206 await waitFor( callback () => {
207   expect(pushSpy).toHaveBeenCalledWith( params: "/client/bcbs-mn/edit");
208 });
209 });
210
211 it( name: "should link to the new", fn: async () => {
212   await waitFor( callback () => {
213     expect(useListAllClients).toHaveBeenCalled();
214   });
215
216   const newClientButton = app.container.querySelector(
217     selectors: '[data-testid="add-new-client"]'
218   );
219
220   fireEvent.click(newClientButton!);
221
222   await waitFor( callback () => {
223     expect(pushSpy).toHaveBeenCalledWith( params: "/client/new");
224   });
225 });
226 });

callback for describe() > callback for it()

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```