Create a New Page Using React

Overview

User interfaces created with React do not have "pages". What we see in the browser are React components mapped to routes. Route is a configuration that tells React to render specific components while the navigation URL equals to the route key in the configuration.

To create what we would traditionally call a "custom page," you need to create a new component, register it to routes, and then export it to the main portal application.
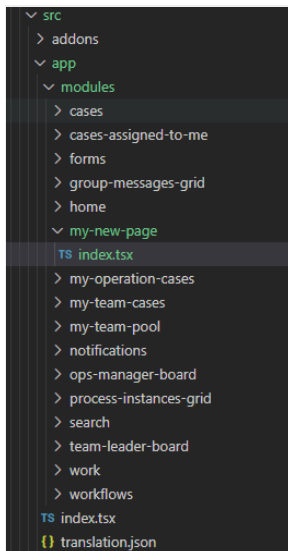
The location of the "custom page" component is **/src/app/modules/xxxxxx/index.tsx**.
Where:
xxxxxx is the custom page name without spaces or any special characters.
index.tsx is the file with component's code.

Example

Routes registration

You register the new component at **/src/appConfig.js**, under the **routing** section.

```
1    window['appConfig'] = { ...window['appConfig'] || {},
2      ...{
3        routing: [
4          { route: '/fake-route', component: 'Logo' },
5          { route: '/new-test', component: 'NewSection' },
6        ],
7      }
8    };
```

Component export

You configure the component export in the config file located at **/src/exported-modules.js**.

Custom component creation example

1. Create a new folder at **/src/app/modules/my-new-page**
2. Create an **index.tsx** file at **/src/app/modules/my-new-page**
3. Add the React component code to the index file at **/src/app/modules/my-new-page/index.tsx**
4. Register the new component in the Routes configuration.
5. Export the component to main portal application.

New React component

Line 1: Component name. The component name must be unique across main objects and template projects.

Line 3: Component render section. *Mandatory code*

Line 4-10: All the components markup in JSX format.

Line 9: Render external page. Required for *legacy portal APSX* content.

Line 14: Export component. *Mandatory line*

Routes configuration

Line 6: Added new route **/my-new-page** to the **MyNewPage** component.

IMPORTANT
The routing key must be unique across main objects and template projects.

Export component

Line 7: Added export to the **MyNewPage** component to portal main application.

> **IMPORTANT**
> Note the export naming convention. It is mandatory and can't change.