Pier Developers guide

In no particular order

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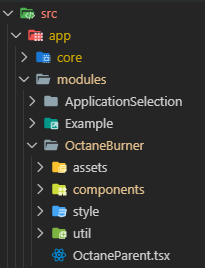
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# Adding a new application

When adding a new application there are a few places you need to make changes so that your application is reflected in Pier. There is a preferred folder layout for the applications and a preferred way to structure the start of the application.

## Folder layout

To keep things consistent and hopefully easy to follow, new applications should be laid out as such:

Within the src/modules folder create a folder for your application. Within that place assets, components, style and util folders. In the root of your folder should be placed the entry component for your application

### Assets

The assets folder is for holding any images you may need in your application. At minimum it should have the logo for your application.

### Components

The components folder is for the unique react components which make up your application. Your components should aim to be as simple as possible with the logic extracted where possible into util files so the react just deals with the display. There are some core components intended for reusability which can be read about in the Component Library section.

### Style

The style folder is for any scss your application needs.

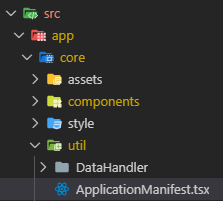
### Util

The util folder is for any files which are not react components. For example a class which holds the logic for processing a JSON response before sending it to the component for display.

### Parent component

The parent or root component for your application should live in the root of your applications folder. This is so that relative paths are easy to read within the application and in the application manifest.

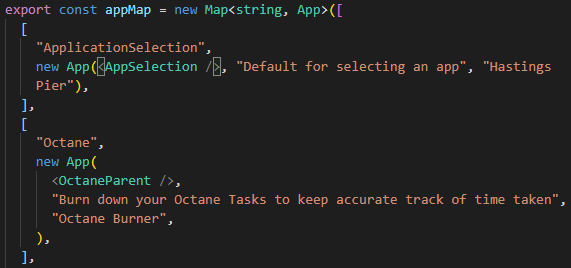
## Manifest

The details about available applications are kept in “appMap” in the applicationManifest.

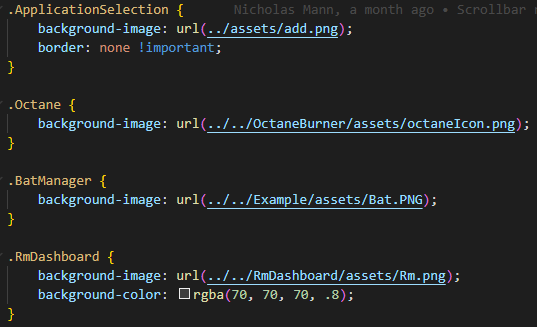
The appMap is an exported map containing the root element for the application, a description and its displayed title. The key in the map for the application is used in several places for tagging your application internally and it must not contain a space.

## How the apps logo is linked through css

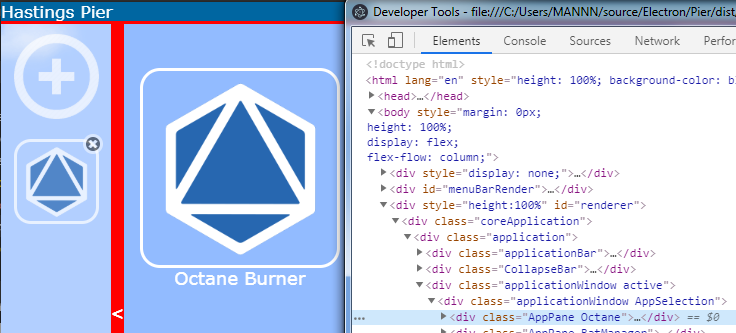
The app logos are linked to their key in the ApplicationManifest. The key is appended as part of the className of the ApplicationPane and ApplicationButton. The appIcon.scss in the ApplicationSelection module is where you put the css which describes your logo.

Example:

The “Octane” app is defined in the manifest as bellow

The key is “Octane”. The logo is defined in appIcon.scss as bellow. If your logo has transparencies it is worth considering setting a background colour as well.

When the ApplicationButton and ApplicationPane are created the key from the manifest is added to the className.

This has the effect that any element with the class matching the manifest key will have its background image set to the logo so bear that in mind.

# The notify util class

## How to send a balloon notification

# BrowserView util

# Persistent storage

# Logging

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