

New Detail View Tabs

1. Create a new scala template in geodashboard/app/views/detail_view/tabs

Scala Template

```
@()(implicit lang: Lang)
<div class="tab-pane" id="dissolved-oxygen-profile">

</div>
```

2. In Geodashboard/app/views/detail.scala.html
 - a. Create the tab

Link to the scala template

```
<li id="dissolved-oxygen-tab"><a href="#dissolved-oxygen-profile" data-toggle="tab">Dissolved
Oxygen</a></li>
```

Note: The href needs to match the id in the Scala Template

- b. Import the scala template

Import the scala template

```
@detail_view.tabs.dissolved_oxygen()
```

This adds the code from the template to the DOM

3. In Geodashboard /src/javascript/views/DetailView.js
 - a. Create the following objects:

Initialize variables

```
var dissolved_oxygen_params = [];
var dissolvedOxygenMap = {};
```

- b. Where properties are being assigned to a params map for each tab add something similar to:

Fill up the parameters map and params list

```
else if (parr[0].id.indexOf('ignored') == -1 && parr[0].get('detailView') === 'dissolved_oxygen')
{
    dissolvedOxygenMap[parr[0].id] = key;
    dissolved_oxygen_params.push(parr[0].id);
}
```

- c. Add code to toggle on and off the tab based on if there is at least one parameter for that tab.

Toggle on and off the tab

```
if (dissolved_oxygen_params.length > 0) {
    $("#dissolved-oxygen-tab").toggle(true);
} else {
    $("#dissolved-oxygen-tab").toggle(false);
}
```

- d. Set the tab title

Set the tab value

```
if (source.get('tabs').dissolvedOxygen) {  
    $('#dissolved-oxygen-tab').find('a').text(source.get('tabs').dissolvedOxygen);  
}
```

4. Add a Changelog entry
5. Define the specifics of the tab on the Seagrant/GLTG/IMLCZO project, so it gets copied over
6. Define the functionality for creating the graphs and filling up the tab in 3.c after toggling on the tab.

Sample Pull request: <https://opensource.ncsa.illinois.edu/bitbucket/projects/GEOD/repos/geodashboard/pull-requests/543/overview>