Theming COmanage Registry

Even if you love the default COmanage Registry interface, you may want to make changes in how it looks, perhaps to match the look and feel of your organization’s website. Through Style Sheets (CSS), you have significant flexibility over which components of the user interface are displayed to your users and how they look.

On this page

Logo and Custom Resources

If you wish only to add a logo to Registry, you may place your logo into `local/webroot/img/logo.png`. The logo should be 50px high, have a transparent background, and be in PNG format. For more explicit control over the Logo and other elements, consider creating a Custom Theme (which also provides the option of pointing to an external logo). Custom Themes are available as of v2.0.0.

For versions prior to v1.0.0, you must replace the default image file that is located at `app/webroot/img/comanage-logo.png`.

⚠️ Custom logos per CO are not currently supported when deployed to the file system in this way (CO-1325), but this can be overcome by creating a Custom CO Theme as described below.

Custom Resources

If you don't wish to point to a different server for images or other custom resources from your theme and would prefer to keep them on the same server as Registry, you can create a symlink in app/webroot to point at resources in local/webroot. For example from the root of your Registry project:

Create a Symlink to Local Resources

```
mkdir local/resources
cd app/webroot/
ln -s ../../local/webroot/resources local-resources
```

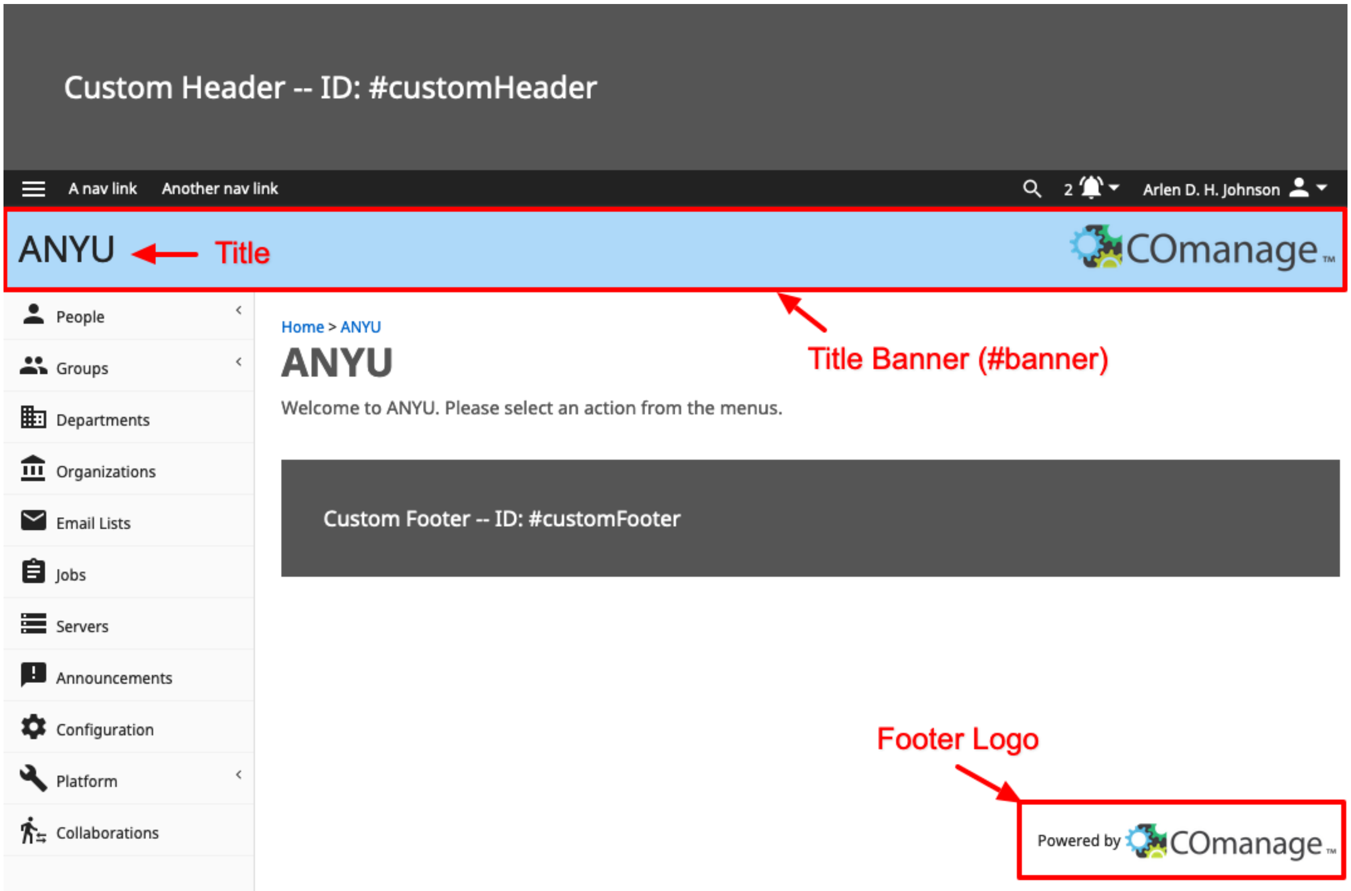
and now you will be able to reference images and other resources at /registry/local-resources/some-image.png.

Custom CO Themes & Custom Global Theme

As of v2.0.0, custom themes can be defined within each CO and used in various contexts. A custom theme defined for the COmanage CO can be applied globally, including unauthenticated contexts.

Themes can be added via *Configuration* >> *Themes*, and currently support the following options:

- **CSS**: Custom CSS to be used by the theme
- **Header**: Custom HTML to be emitted at the top of each rendered page
- **Footer**: Custom HTML to be emitted at the bottom of each rendered page
- **Hide Footer Logo**: If set, the "Powered by COmanage" logo will be suppressed
- **Hide Title**: If set, the title bar displaying the CO name and logo will be suppressed (NOTE: as of 4.0.2 this only hides the Title in the banner. See "Tips and Tricks" below for hiding the entire title bar. This issue has been corrected in version 4.1. See: **CO-2414** - Getting issue details... STATUS)


Custom Header -- ID: #customHeader

Welcome to ANYU. Please select an action from the menus.

Custom Footer -- ID: #customFooter

After the theme has been defined, it can be attached to one of the following contexts (which are evaluated in order of priority as listed here):

1. **Enrollment Flows**: The theme will be rendered for petitions created from the specified Enrollment Flow
2. **CO Settings**: The theme will be rendered for all pages associated with the CO
3. **COmanage CO Settings**: In addition to being used for all pages associated with the COmanage CO, the theme will be used by default platform wide when no other theme has been selected

As of v4.0.0, custom themes can be stacked. Theme stacking mode is configurable (enabled/suspended) in one of the following contexts:

1. **Enrollment Flows**: The theme will be appended to any parent (CO or Platform) custom Theme and will be rendered for the petitions created from the specified Enrollment Flow
2. **CO Settings**: The theme will be appended to any parent (Platform) custom Theme and will be rendered for all pages associated with the CO

⚠ Currently custom Headers and Footers can not be stacked. They are inherited from the top level.

Theme Stacking feature defaults to suspended mode, which matches the behavior prior to v4.0.0.

Building a Custom Theme

CSS from a custom theme is applied last in the cascade and can override any part of COmanage's styles. When developing a custom theme, you can choose to include only CSS, or you can include CSS in combination with a custom header, footer, or both.

Output for the custom header will appear above all other elements in the following <header> tag:

Custom Header Block

```
<header id="customHeader">
  <div class="contentWidth">
    <!-- your custom markup will appear here -->
  </div>
</header>
```

Similarly, output for the footer will appear below all other elements of the <main> content in the following <footer> tag:

Custom Footer Block

```
<footer id="customFooter">
  <div class="contentWidth">
    <!-- your custom markup will appear here -->
  </div>
</footer>
```

A step-by-step example

First, build the theme:

- As a CO administrator, visit *Configuration* > *Themes*.
- Click *Add Theme* (or edit an existing theme).
- Provide a name for your theme in the Name field, e.g. "Test Theme".
- In the header, footer, and CSS fields provided, add the following content:

Example Markup for CO Custom Theme

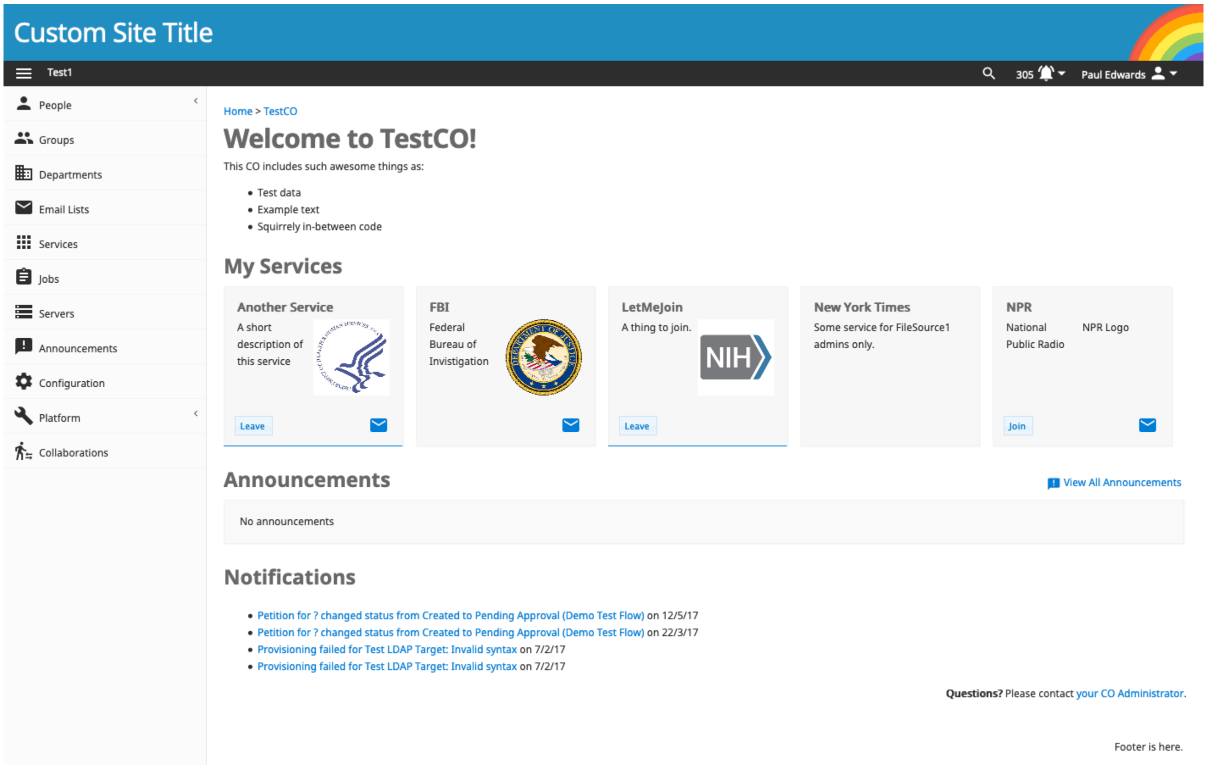
```
<!-- example markup for your header field. Note that if you want the title to link to a specific CO,
use the correct CO ID in the URL here. -->
<h1><a href="/registry/co_dashboards/dashboard/co:2">Custom Site Title</a></h1>
<img id="rainbow" src="https://upload.wikimedia.org/wikipedia/commons/d/d9/Rainbow_Emoji.png"/>


<!-- example markup for your footer field -->
<p>Footer is here.</p>
<!-- (Note that markup in the header and footer
     is optional and depends only on your needs.) -->


<!-- some quick and dirty example styles for the CSS field (Registry version 3.0) -->
#banner {
  display: none !important;
}
#customHeader {
  padding: 1em;
  background-color: #1d7ab4;
  color: white;
}
#customHeader h1 a {
  color: white;
}
body.logged-in .mdl-layout__drawer {
  top: 97px;
}
#top-menu a {
  color: white !important;
}
#rainbow {
  position: absolute;
  right: -5px; top: -5px;
  width: 100px;
}
#top-menu #user-panel a {
  color: #222 !important;
}
#top-menu #notifications a {
  color: #06c !important;
}
```

- Select the checkboxes to *Hide Title* and *Hide Footer Logo*.
- Save your theme.

Next, apply the theme:

- Visit *Configuration* > *CO Settings* (to apply the theme to the entire CO).
- At the bottom of the settings form, select your newly created theme from the drop-down list.
- Save the configuration.

Your CO should immediately change to look something like this:



Welcome to TestCO!

This CO includes such awesome things as:

- Test data
- Example text
- Squirrely in-between code

My Services

Another Service: A short description of this service

FBI: Federal Bureau of Invistigation

LetMeJoin: A thing to join.

New York Times: Some service for FileSource1 admins only.

NPR: National Public Radio — NPR Logo

Announcements

No announcements

Notifications

- Petition for ? changed status from Created to Pending Approval (Demo Test Flow) on 12/5/17
- Petition for ? changed status from Created to Pending Approval (Demo Test Flow) on 22/3/17
- Provisioning failed for Test LDAP Target: Invalid syntax on 7/2/17
- Provisioning failed for Test LDAP Target: Invalid syntax on 7/2/17

Questions? Please contact your CO Administrator.

Footer is here.

An example changing the color scheme

First, build the theme:

- As a CO administrator, visit *Configuration* > *Themes*.
- Click *Add Theme* (or edit an existing theme).
- Provide a name for your theme in the Name field, e.g. "Test Theme".
- In the CSS field add the following content:

Example Markup for CO Custom Theme (Registry version 3.0)

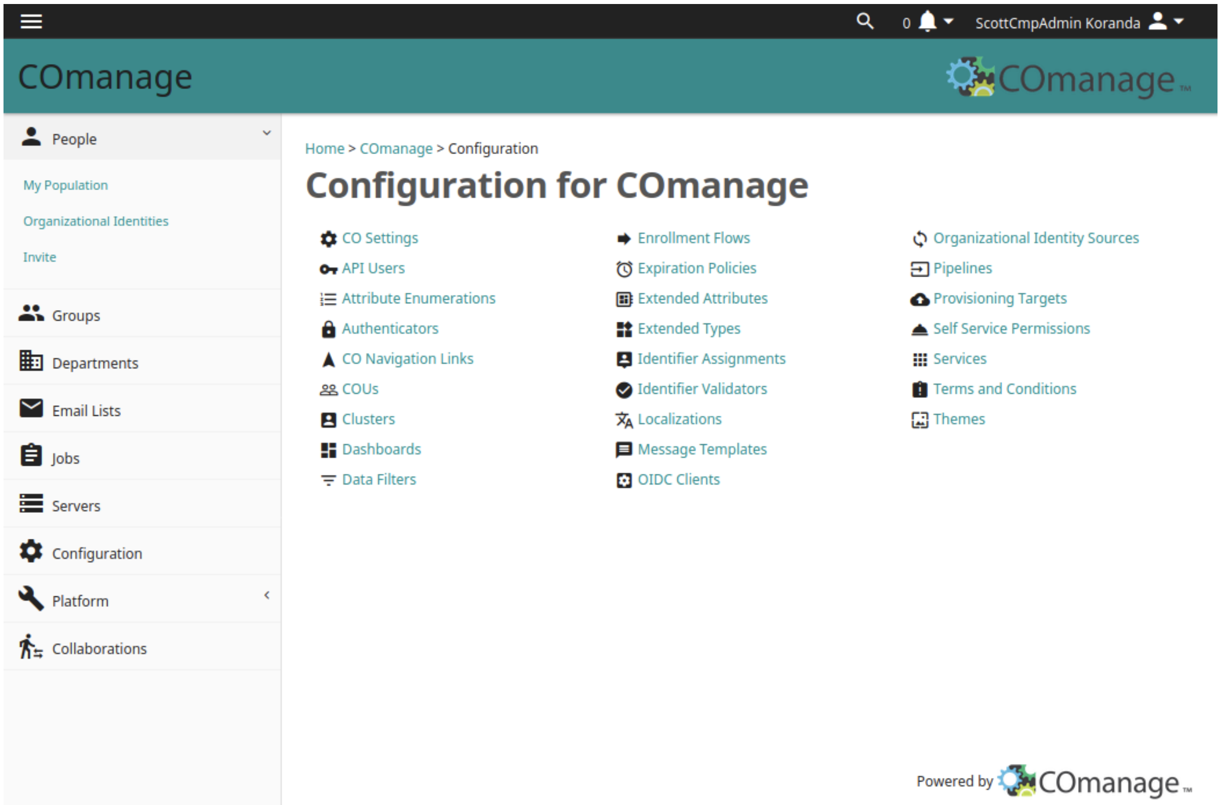
```
header.mdl-layout__header, #main-menu .mdl-ripple, #peopleAlphabet a:hover {
  background-color: #058B8C;
}

th, .ui-widget-header, .co-grid .co-grid-header, #pagination {
  background-color: #058B8C;
  color: white;
}

a, #main-menu > li li a,
#main-menu li li a.selected, .widget-actions .material-icons {
  color: #028b8c;
}
```

- Save your theme.

Next, apply the theme:

- Visit *Configuration* > *CO Settings* (to apply the theme to the entire CO).
- At the bottom of the settings form, select your newly created theme from the drop-down list.
- Save the configuration.

Your CO should immediately change to look something like this:



Caveats

Be aware that using custom markup can break your page layout, so be sure to use valid HTML code in your header and footer. Also, because all recent versions of COmanage are responsive, you may wish to test your theme on phones, tablets, and different desktop sizes.

Image upload is not supported. If you wish to include custom images, they will need to be available on a web server and over HTTPS (for production). See "Custom Resources" above if you wish to serve images and other resources from the Registry server.

See Also: cm_co_themes

Tips and Tricks

Hiding the COmanage Banner

At the moment, checking the "Hide Title" checkbox in a theme only hides the title (see: CO-2414). To completely hide the banner with CO Title and COmanage logo, add the following CSS to your theme's CSS field:

Hide Registry Banner

```
#banner {
  display: none;
}
```

Moving the Footer

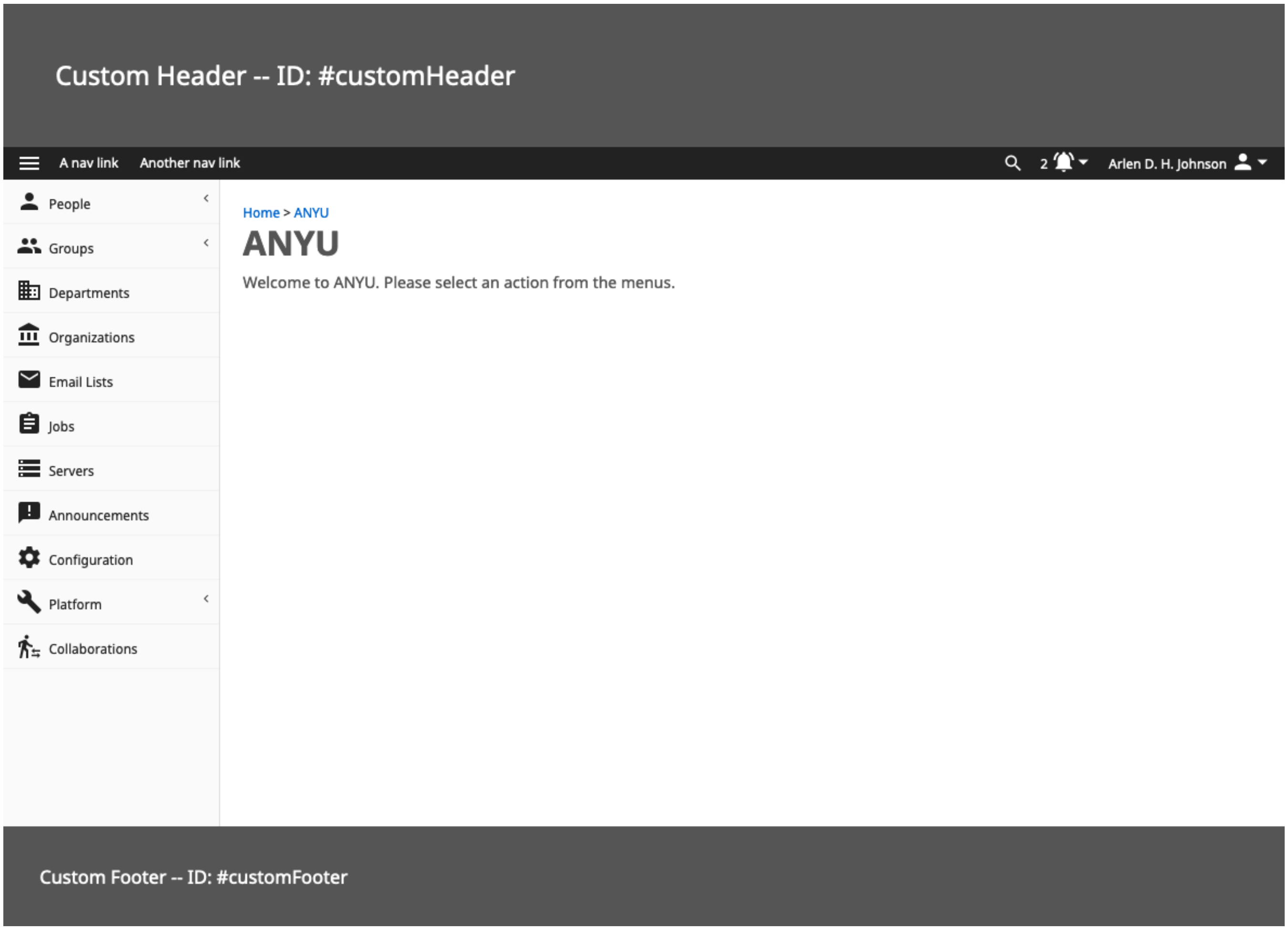
The #customFooter element in Registry is placed within the <main> section of Registry's layout. If you wish to move the footer to the very bottom of the layout, add the following code snippet to the theme's Footer field:

Move Custom Footer to Bottom

```
<script>
  $(function() {
    $("#customFooter").detach().appendTo("#comanage-wrapper");
  });
</script>
```

Note that this is JavaScript making use of jQuery that ships with registry.

Example of a "Clean" theme with no COmanage Banner and a moved Custom Footer:



Custom Header -- ID: #customHeader

ANYU

Welcome to ANYU. Please select an action from the menus.

Custom Footer -- ID: #customFooter

The theme above was built by placing the following values in the theme fields:

- **Theme Name:** "Demonstration Theme"
- **Hide Title:** checked (Note: prior to version 4.1 you must hide the entire COmanage title banner using the CSS below. From version 4.1 and up, this checkbox will read **"Hide Title Banner"** and checking it will hide the entire banner without need for extra CSS.)
- **Hide Footer Logo:** checked
- **Header**

  Theme's Header Field

  ```
  <div id="demo-head">Custom Header -- ID: #customHeader</div>
  ```

- **Footer**

Theme's Footer Field

```
<div id="demo-foot">Custom Footer -- ID: #customFooter</div>
<script>
  $(function() {
    $("#customFooter").detach().appendTo("#comanage-wrapper");
  });
</script>
```

- **CSS**

Theme's CSS Field

```
#customHeader {
  font-size: 2em;
  padding: 2em;
  background-color: #555;
  color: white;
}
#customFooter {
  font-size: 1.4em;
  padding: 2em;
  background-color: #555;
  color: white;
}
#banner {
  display: none; /* after Registry version 4.1 this will not be needed */
}
#navigation-drawer {
  min-height: calc(100vh - 254px);
}
```

Note: the #navigation-drawer is set to run the full viewport height when the page does not fill the space from top to bottom. If you wish to keep a clean connection between the navigation drawer and your custom footer without a large gap at the bottom of the screen and without unnecessary scrolling you need to account for the height of the custom banner and subtract it from the viewport height as shown in this example.

Hiding the Left Menu Drawer

There are times - particularly during enrollment flows - in which you may wish to fully hide the left menu drawer from authenticated users. Because of legacy behavior for managing the menu drawer toggle, the menu drawer will unhide when the browser is resized to any desktop dimension. Therefore applying "display: none" to the drawer is not enough. To hide the navigation drawer completely, throw it out of the DOM by adding the following to your theme's footer:

Hiding the Menu Drawer

```
<script>
  $(function() {
    $("#navigation-drawer").remove();
  });
</script>
```

Custom jQuery Color Schemes

Custom jQuery UI themes are not supported in v2.0.0 and later. As of v2.0.0, use CO Themes instead. jQuery UI will be removed in Registry version 5.0.0.

⚠ If you decide to customize the jQuery UI theme, note that you will need to manually track the correct version of jQuery UI and re-install your customized theme each time you upgrade Registry. (~~CO-1129~~)

The basic color scheme can be modified by downloading a theme from http://jqueryui.com/themeroller/ and unpacking the theme folder (e.g. smoothness, start, redmond) into `app/webroot/js/jquery/ui/css/`. Be sure to use the same jQuery UI version that Registry currently uses, which can be found via Version Dependencies.

Open `app/views/layouts/default.ctp` and change the appropriate reference to the location of the css file of the new theme.