Create a new theme (Manakin)

Contents

Files:

- *dspace-src*/dspace/modules/xmlui/src/main/webapp/themes/*theme-dir*/sitemap.xmap (The theme's SiteMap configuration)
- *dspace-src*/dspace/modules/xmlui/src/main/webapp/themes/*theme-dir*/lib/style.css (CSS stylesheet)
- *dspace-src*/dspace/modules/xmlui/src/main/webapp/themes/*theme-dir*/lib/style-ie6.css (CSS stylesheet for IE)
- *dspace-src*/dspace/modules/xmlui/src/main/webapp/themes/*theme-dir*/template.xsl (XSLT overrides for Theme)

Important Directories:

- *dspace-src*/dspace/modules/xmlui/src/main/webapp/themes/ (Directory where all your custom themes should be placed)
- *dspace-src*/dspace/dspace-*version*-build.dir/webapps/xmlui/themes/ (Directory where all out-of-the-box DSpace themes will be pulled down to after building DSpace for the first time.)

Instructions:

1. First determine a directory name for your new theme inside the *dspace-src*/dspace/modules/xmlui/src/main/webapp/themes directory; this name will be referenced as *theme-dir* in these instructions.
2. Instead of starting your new theme completely from scratch, make a new copy of the standard theme template in a new directory, *theme-dir*.
   - First, build DSpace (`mvn package`) if you haven't already
   - `cd` *dspace-src*/dspace/target/dspace-version-build.dir/webapps/xmlui/themes/
   - `cp -R template` *theme-dir*
3. Next customize the theme's sitemap by specifying the theme's directory and name. Open, *dspace-src*/dspace/modules/xmlui/src/main/webapp/themes/*theme-dir*/sitemap.xmap, and edit the global variables shown below:

   ```
   <map:component-configurations>
   <global-variables>
   <theme-path>theme-dir</theme-path>
   <theme-name>the name of your theme</theme-name>
   </global-variables>
   </map:component-configurations>
   ```

4. Next customize the theme's CSS stylesheets, by default there are two style sheets used – a base version for all browsers and then a supplemental version just for Internet explorer.
   - *dspace-src*/dspace/modules/xmlui/src/main/webapp/themes/*theme-dir*/lib/style.css
   - *dspace-src*/dspace/modules/xmlui/src/main/webapp/themes/*theme-dir*/lib/style-ie6.css
5. Perform the steps in Install a theme (Manakin)
6. Perform the steps in Rebuild DSpace

Hints on Customizing XSLT in a theme:

These hints assume that you've started your theme based on a copy of the out-of-the-box `template` theme, along with the *template.xsl* that comes with that theme.

- Hint #1: Add {{?XML}}or {{&XML}}on the end of the URL to view the underlying XML for a given page.
- Hint #2: Locate the appropriate `<xsl:template>}}to override in the {{dri2xhtml` theme that comes with DSpace. The `dri2xhtml` theme includes 5 main XSLT files. The three with **(default)** next to them are the only ones used by default in DSpace.
  - `DIM-Handler.xsl` **(default)** = matches Item/Collection/Community METS files which contain DIM (DSpace Intermediate Metadata) format. (i.e. controls the display of all default metadata)
  - `General-Handler.xsl` **(default)** = matches the `<fileSec>` section of Item-level METS files (i.e. controls display of individual files/bitstreams)
  - `MODS-Handler.xsl` = matches Item/Collection/Community METS files which contain MODS metadata. (i.e. controls the display of all MODS metadata)
  - `QDC-Handler.xsl`= matches Item/Collection/Community METS files which contain Qualified Dublin Core metadata. (i.e. controls the display of all QDC metadata)
  - `structural.xsl` **(default)** = defines the layout / page structure for all of DSpace
- Hint #3: There are a total of four metadata display "modes" used in DSpace. The `<xsl:template>` tags in each of the `*-Handler.xsl` files are named after these "modes".
- *SummaryList* = Summarized List of Objects

- E.g. Community/Collection listing pages, item browsing/searching pages
- *SummaryView* = Summarized View of a single Object
    - E.g. Item homepage (by default includes summarized metadata only)
- *DetailList* = Detailed List of Objects
    - (Rarely used) E.g. The "item appears in the following collections" section on an Item's page is a *DetailList* of Collections, as it includes both collection names and brief descriptions
- *DetailView* = Detailed View of a single Object
    - E.g. Item "full record" page, Collection/Community homepages