Create a new theme (Manakin)

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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:

- 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
 - $^{\bullet} \ \mathsf{cd} \ \mathit{dspace-src/dspace/target/dspace-version-build.dir/webapps/xmlui/themes/}$
 - 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)
 - o 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