Create a new theme (Manakin)

Contents
1 Files:
2 Important Directories:
3 Instructions:
4 Hints on Customizing XSLT in a theme:

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/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-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`)
   - `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:

```xml
<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`
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 `dim2html` theme that comes with DSpace. The `dim2html` 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