⚙ Herramientas de espacio «

[Preparation] Create 'training-templating-additional' Light Module

Goals

- Be able to create a '**training-templating-additional**' light module using Magnolia's CLI.

Results

- Created the '**training-templating-additional**' light module structure in the file system.

Tasks / Procedure

> ⚠ This whole section bases upon that the templating foundations have been done:
> Templating: FreeMarker
>
> Ensure you have done it before doing this 'Templating FreeMarker: Related Topics' section..

1. **Create** the **light module**: `training-templating-additional`
   ∨ Detailed steps

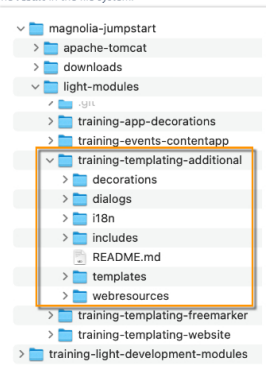   Operate in the file system.
   a. Navigate in your **command line** tool into the folder '*magnolia-jumpstart*':
      `/magnolia-training/magnolia-jumpstart/`**light-modules**

   b. **Inside** the **folder** '*light-modules*', **run** the following **command** in your command line tool:

   ```
   mgnl create-light-module training-templating-additional
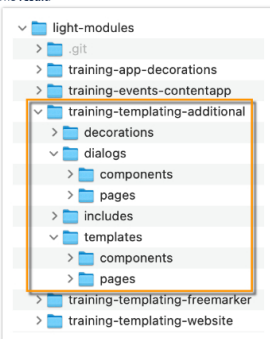   ```

   c. The **result** in the file system:

   

   > ⓘ **Realize:** The CLI command '*mgnl create-light-module*' created a base folder structure.
   > Within he empty folders it creates a hidden file '*.keep*' that you could commit the empty folders/base structure into git:

2. **Clean up** the **light module**: `training-templating-additional`
   ∨ Detailed steps

   Operate in the file system or VS Code.
   a. Navigate into the folder '*training-templating-additional*':
      `/magnolia-training/magnolia-jumpstart/light-modules/`**training-templating-additional**

   b. **Inside** the **folder** '*training-templating-additional*', **remove** the following:
      i. the folder '*i18n*'
      ii. the folder '*webresources*'
      iii. the file '*README.md*'
      iv. the file '*includes/README.md*'
      v. optional: remove all '*.keep*' files.

   The **result**:

   

3. **Create** the **module descriptor**: `module.yaml`
   ∨ Detailed steps

   Operate in VS Code:
   a. **Navigate** into the **light-module** '*training-templating-additional*':
      `/training-templating-additional`

   b. **Create** in there the **module descriptor file** '*module.yaml*':
      `/training-templating-additional/`**module.yaml**
      with this code:

   ```
   version: 1.0.0
   dependencies:
     training-templating-freemarker:
       version: 1.0.0
   ```
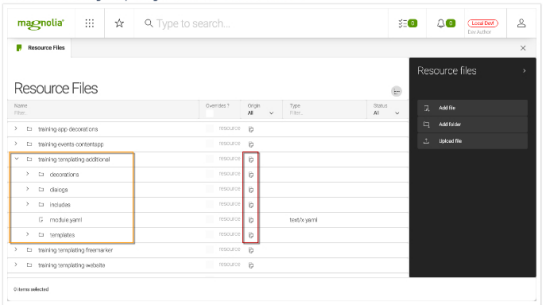
   > ⓘ **Realize**: As the '*training-templating-freemarker*' light module is already dependent on the magnolia '*core*' jar module, there is no need to define a dependency to the '*core*' jar module in the '*training-templating-additional*' light module again.  This is what is known as a transitive dependency.

4. **Check** the existence '*training-templating-additional*' in the Resources App.
   ⌄ Detailed steps

   Operate in AdminCentral.
   a. **Open** the '*Resources Files*' **App** using your Favorites or over '*Development → Resources Files*'.

   b. **Check** if the '*training-templating-additional*' has been **loaded**.

   

   ⓘ If the module is not in the list, it means it hasn't been loaded. Try checking the logs on your Terminal or Command Prompt. You should have several **"Directory added at..."** in there. If not, restart Magnolia.

   2023-08-28 11:45:08,736 INFO  info.magnolia.dirwatch.DirectoryWatcher        : Directory added at [/Users/cringele/Desktop/magnolia-training/magnolia-jumpstart/apache-tomcat/webapps/magnoliaAuthor/../../../light-modules/training-templating-additional]