

Introduction to Configuring Alfresco

Files and Directories

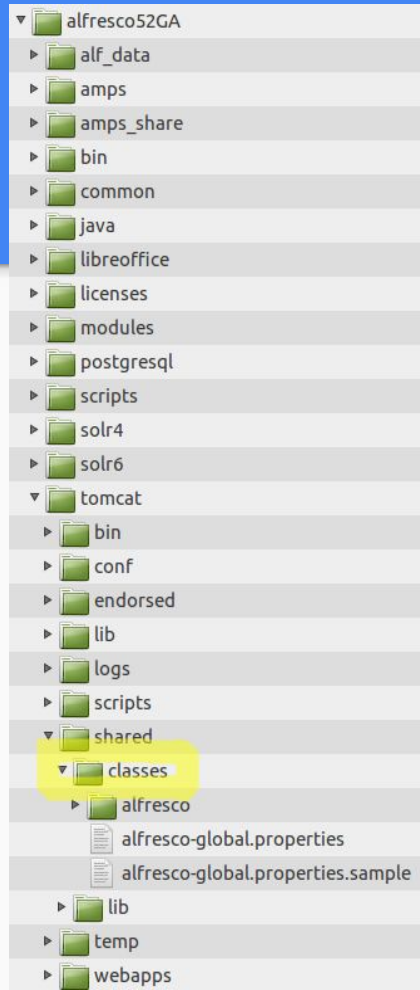


What are we going to look at?

- Important Directories
- Alfresco Repository configuration files
- Alfresco Repository configuration files order of importance
- Alfresco Share configuration files
- Alfresco Share configuration files order of importance
- Solr configuration files

Configuration directories

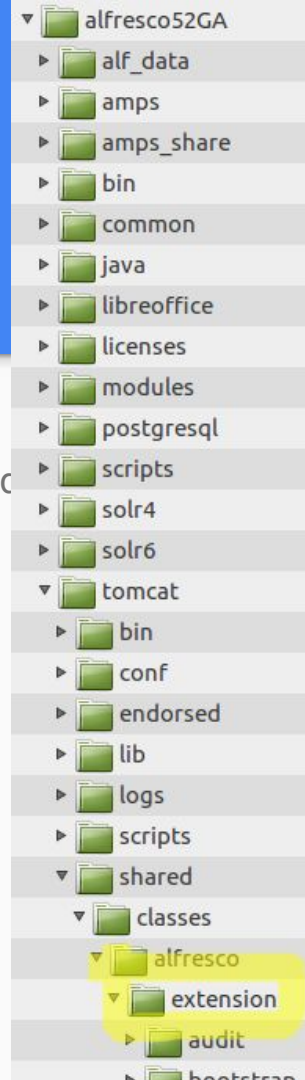
- **<classpathRoot>** directory (configuring **alfresco.war**)
 - The <classpathRoot> denotes a directory whose contents are automatically added to the start of your application server's classpath
 - This directory contains the main configuration file for the Alfresco Repository: **alfresco-global.properties**
 - The location of this directory varies depending on your application server:
 - *Windows:*
 - (Tomcat) C:\Alfresco\tomcat\shared\classes
 - (JBoss) C:\jboss\server\default\conf
 - (WebLogic) C:\bea\user_projects\domains\alf_domain
 - *Linux:*
 - (Tomcat) /opt/alfresco/tomcat/shared/classes/
 - (JBoss) /jboss/server/default/conf
 - (WebLogic) <bea>/user_projects/domains/alf_domain



Configuration directories cont.

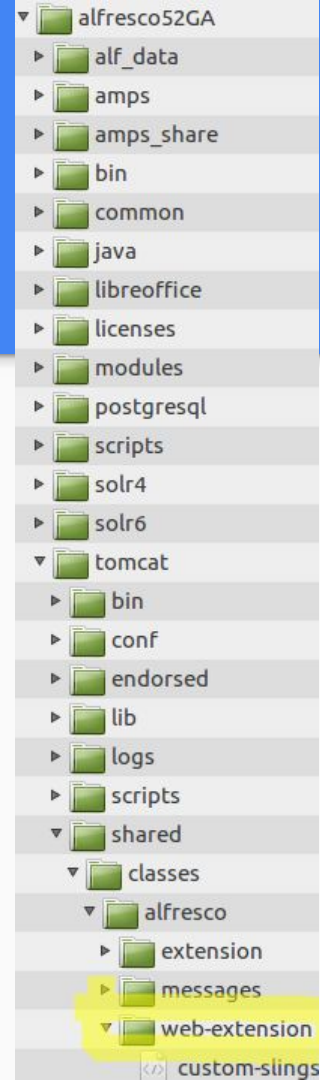
- **<extension>** directory (configuring **alfresco.war**)
 - The <extension> directory is where you store Spring configuration files that extend and override the system configuration:
 - Content Model definitions
 - Workflow process definitions
 - By default this directory will only contain sample config files that are not active
 - This directory can be found at:
 - **<classpathRoot>\alfresco\extension**
 - (/opt/alfresco/tomcat/shared/classes/alfresco/extension)

Note. It is better to build module extensions with content model and process definitions



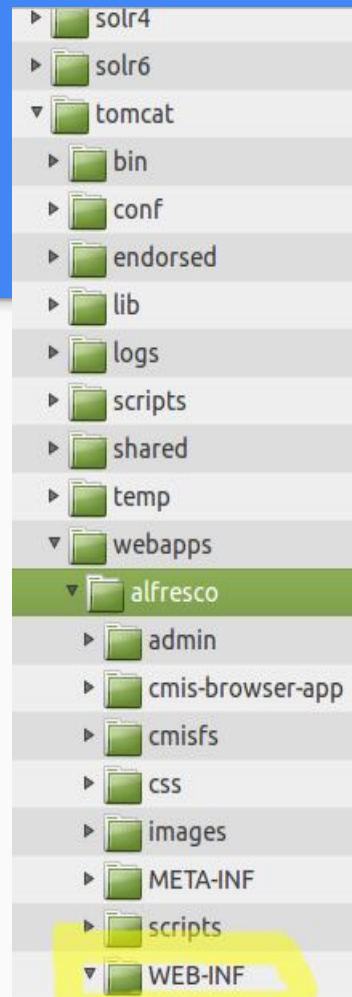
Configuration directories cont.

- **<web-extension>** directory (configuring **share.war**)
 - The <web-extension> directory is where you store Spring configurations that extend and override the Alfresco Share UI configuration
 - This directory contains the main configuration file for Alfresco Share:
share-config-custom.xml
 - This directory can be found at:
 - **<classpathRoot>/alfresco/web-extension**
 - **(/opt/alfresco/tomcat/shared/classes/alfresco/web-extension)**



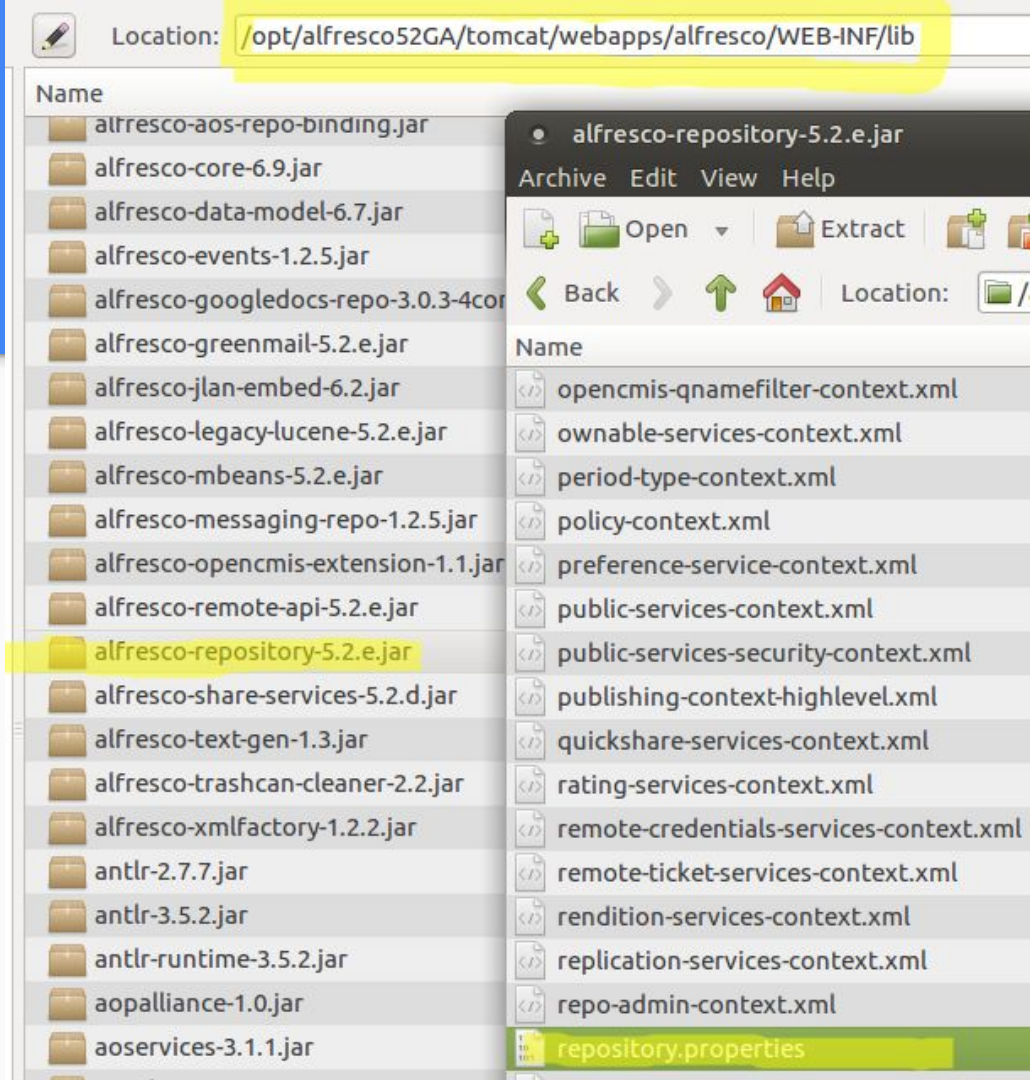
Configuration directories cont.

- **<configRoot>** directory (configuring **alfresco.war**)
 - The <configRoot> directory is where the default configuration files are stored for the Alfresco Repository
 - For Tomcat App Server <configRoot> is
<TOMCAT_HOME>/webapps/alfresco/WEB-INF
(/opt/alfresco/tomcat/webapps/alfresco/WEB-INF)
 - **<configRoot>/classes/alfresco** contains the default configuration file for the Alfresco Repository: **repository.properties**
 - **/enterprise/repository.properties** (Enterprise edition only)
 - And all default sub-system configuration files under
<configRoot>/classes/alfresco/subsystems



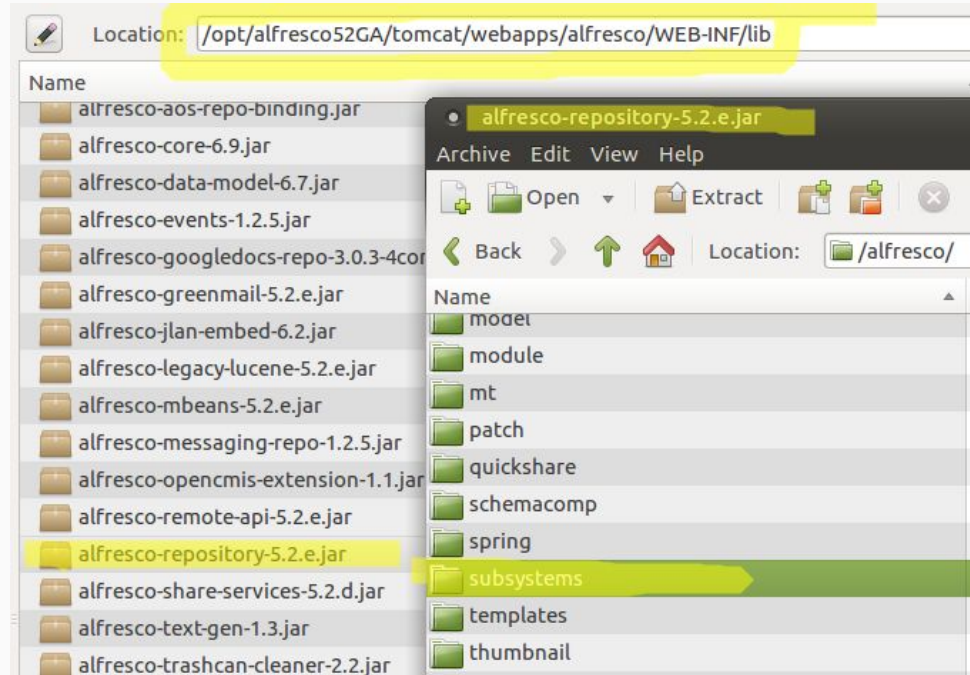
Configuration directories cont.

- Note that these days the **repository.properties** and **/enterprise/repository.properties** files are not found in the exploded war file structure, but instead in the **WEB-INF/lib/alfresco-repository-<version>.jar** file:



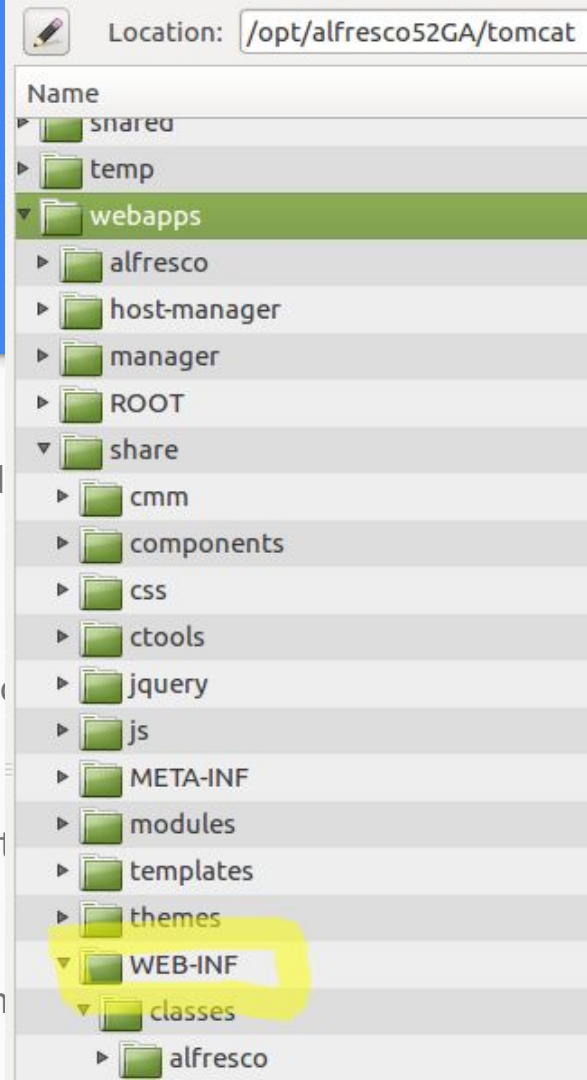
Configuration directories cont.

- Same thing for subsystem configuration files:



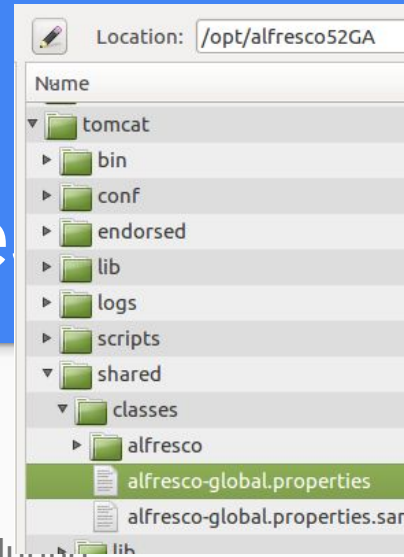
Configuration directories cont.

- **<configRootShare>** directory (configuring **share.war**)
 - The **<configRootShare>** directory is where the default configuration files for Alfresco Share are stored
 - For Tomcat App Server **<configRootShare>** is **<TOMCAT_HOME>\webapps\share\WEB-INF**
 - **<configRootShare>/classes/alfresco** contains the default configuration for Alfresco Share:
 - **share-config.xml** – main configuration
 - **share-documentlibrary-config.xml** – specific configuration for Document Library
 - **share-form-config.xml** – UI forms configuration
 - **share-workflow-form-config.xml** – Workflow task UI forms configuration



Alfresco Repository Configuration file

- `<classpathRoot>/alfresco-global.properties` (configuring **alfresco.war**)
 - (classpathRoot = tomcat/shared/classes)
 - (the installation program creates it and populates it with values specified during the installation)
- Overrides all other configuration files such as the main default configuration file **repository.properties** located in tomcat/webapps/alfresco/WEB-INF/classes/alfresco (inside JAR)
- Except any DB configurations done via UI and subsystem configurations
- **Note.** any files in the tomcat/shared directory lives over web application re-deployments

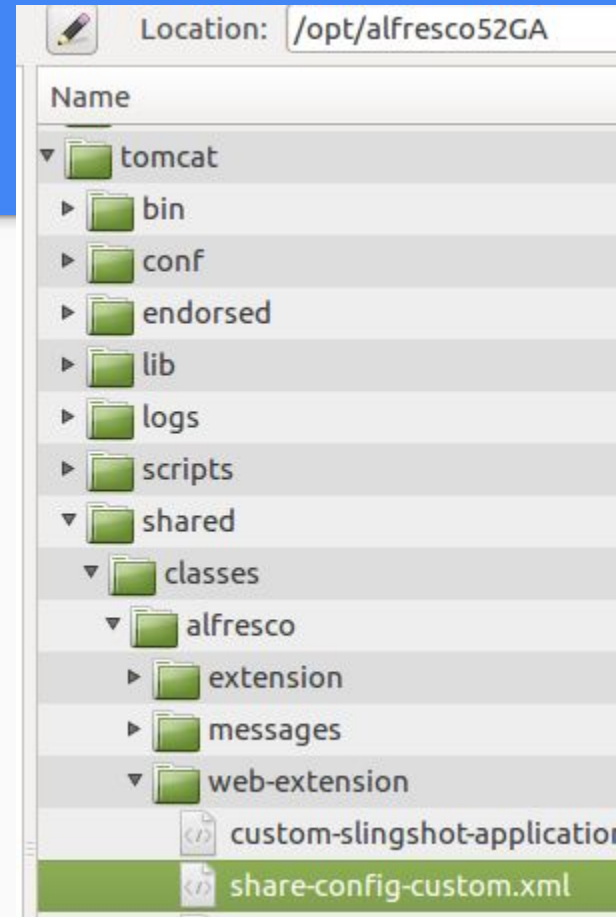


Alfresco Repository (alfresco.war) config files order of importance

1. JMX changes persisted in the **database** (Enterprise Only)
Note. *AVOID DB CONFIGURATION!*
2. <classpathRoot>/alfresco/extension/**subsystems**/**<category>**/**<typeName>**/*.properties (SUBSYSTEM TYPE INSTANCE CONFIGURATION)
3. <classpathRoot>/alfresco/**subsystems**/**<category>**/**default**/*.properties (SUBSYSTEM TYPE DEFAULT CONFIGURATION)
4. <classpathRoot>/**alfresco-global.properties** (MAIN CONFIGURATION FILE)
5. <classpathRoot>/alfresco/**module***/**alfresco-global.properties** (EXTENSION MODULE CONFIGURATION)
6. <configRoot>/alfresco/**repository.properties** or
/alfresco/enterprise/repository.properties (DEFAULT ALFRESCO CONFIGURATION - DO NOT CHANGE THIS FILE – COPY PROPERTY TO <classpathRoot>/alfresco-global.properties INSTEAD!)

Alfresco Share Configuration files (share.war)

- `<web-extension>/share-config-custom.xml`
(web-extension = tomcat/shared/classes/alfresco/web-extension)
- Overrides all other configuration files such as the main default configuration file **share-config.xml** located in tomcat/webapps/share/WEB-INF/classes/alfresco
- *This is the file that should be used for all configurations as far as possible*
- Any settings in the tomcat/shared directory lives over web application re-deployments



Alfresco Share (share.war) config files order of importance

1. **(jar)/META-INF/share-config-custom.xml** (EXTENSION MODULE CONFIGURATION)
2. **<web-extension>/share-config-custom.xml** (MAIN CONFIGURATION FILE)
3. **<configRootShare>/classes/alfresco** contains the default configuration files for the Alfresco Share:
 - a. **share-config.xml** – main configuration
 - b. **share-documentlibrary-config.xml** – specific configuration for the Document Library
 - c. **share-form-config.xml** – UI forms configuration
 - d. **share-workflow-form-config.xml** – Workflow task UI forms configuration
4. **DEFAULT ALFRESCO CONFIGURATION - DO NOT CHANGE THESE FILES – COPY PROPERTY TO <web-extension>/share-config-custom.xml INSTEAD!**

Apache Solr 4 Configuration files (solr4.war)

- /opt/alfresco52GA/solr4/**workspace-SpacesStore**/conf/**solrcore.properties** =
Live content index config
- /opt/alfresco52GA/solr4/**archive-SpacesStore**/conf/**solrcore.properties** =
Archived/Soft deleted content index config
- *These are the main config files for search, there is no hierarchy of config files*

Apache Solr 6 Configuration files (solr6.war)

- /opt/alfresco52GA/solr6/solrhome/**alfresco**/conf/**solrcore.properties** = Live content index config
- /opt/alfresco52GA/solr6/solrhome/**archive**/conf/**solrcore.properties** = Archived/Soft deleted content index config
- *These are the main config files for search, there is no hierarchy of config files*