

Maintenance Tools

Overview

This page documents the use of various other maintenance tools.

Prerequisites

- MySQL database must already exist (e.g. "mappingservicedb") and be loaded with production data.
- MySQL database connection parameters must be defined in the properties file specified by "run.config".
- **IMPORTANT:** The Tomcat server must not be running while this is run, otherwise indexes can get corrupted.

Details

A review of the "mojo" project reveals a lot of additional tools that can be used alongside the standard lifecycle management tools. In fact, mojos are often a very convenient way of developing one-time or ad hoc tooling to make batch changes to the underlying data model. These tools can properly bootstrap the environment allowing direct interaction with the internal service APIs supporting a very wide range of maintenance use cases.

Here are a few examples of tools that have been developed to enable certain maintenance tasks

Mojo: ComputeDefaultPreferredNameMojo.java (in admin/mojo/src/main/resources/java/org/ihtsdo/otf/mapping/mojo)

Project: admin/loader

Configuration Parameters

- A profile of "DefaultPreferredNames" must be used
- run.config - the standard configuration file specified as a -D parameter
- terminology - The terminology to compute preferred names for.
- terminologyVersion - the terminology version to compute preferred names for.
- The tool is set up to only work properly for SNOMEDCT and would need to be reconfigured/rewritten to support other terminologies.

Mojo: CreateMapAdministratorMojo.java (in admin/mojo/src/main/resources/java/org/ihtsdo/otf/mapping/mojo)

Project: admin/loader

Configuration Parameters

- A profile of "CreateMapAdmin" must be used
- run.config - the standard configuration file specified as a -D parameter
- map.user - the new admin user username
 - This mojo creates a new user with the specified username and an ADMINISTRATOR application role
 - It additionally creates an empty map project if there are no map projects yet (because the application requires at least one project to exist)

Mojo: MapAdviceRemoverMojo.java (in admin/mojo/src/main/resources/java/org/ihtsdo/otf/mapping/mojo)

Project: admin/remover

Configuration Parameters

- A profile of "MapAdvice" must be used
- run.config - the standard configuration file specified as a -D parameter
- map.advice.name - the advice to remove
 - This mojo entirely removes an advice value from a project, from all records, and from the map advices table itself.

Mojo: TreeposComputerMojo.java (in admin/mojo/src/main/resources/java/org/ihtsdo/otf/mapping/mojo)

Project: admin/loader

Configuration Parameters

- run.config - the standard configuration file specified as a -D parameter
- terminology - the terminology to compute tree positions for specified as a -D parameter

- Any existing tree positions should be removed before running this.

Mojo: TreeposRemoverMojo.java (in admin/mojo/src/main/resources/java/org/ihtsdo/otf/mapping/mojo)

Project: admin/remover

Configuration Parameters

- run.config - the standard configuration file specified as a -D parameter
- terminology - the terminology to remove tree positions for specified as a -D parameter

References/Links

- n/a