

Map Note Loader and Remover

Overview

This page documents the use of admin tools to load or remove map notes. This is used to take mapping notes from a legacy system and install them into the new environment. It can also be used as a generic means to attach arbitrary note information to mapped concepts for a map project. For example, this mechanism was used to load "legacy" information about specialists/leads and when concepts were mapped from the old Cartographer system.

Prerequisites

- MySQL database must already exist (e.g. "mappingservicedb").
- MySQL database connection parameters must be defined in the properties file specified by "run.config".
- Create/Update DB mojo must also have already run so that the database schema exists.
- A map project must exist with a refset id matching the data intended to be loaded
 - Either create a map project and configure it properly
 - Or import a map project
- Map records must exist already to which the notes will be attached.
- **IMPORTANT:** The Tomcat server must not be running while this is run, otherwise indexes can get corrupted.

Details

This tool is used to load or remove map notes from a pseudo RF2 file. This is a mechanism to migrate notes information from a legacy environment into the new environment. The expected format is in the style of an RF2 file with these fields (including a header line):

- id - a UUID based on refSetId, referencedComponentId, and annotation
- effectiveTime - publication date
- active - should always be 1, inactive notes not supported
- moduleId - ignored
- refSetId - must match the refset id of one of the configured and installed map projects.
- referencedComponentId - the note will be attached to the map record whose "conceptId" field matches this within the project specified by the refset id.
- fullySpecifiedName - ignored
- annotation - the note, and it may contain HTML.

Following are some details about the loader implementation:

Mojo: MapNoteRf2LoaderMojo.java (in admin/mojo/src/main/resources/java/org/ihtsdo/otf/mapping/mojo)

Project: admin/loader

Configuration Parameters

- A profile of "MapNotes" must be specified
- run.config - the standard configuration file specified as a -D parameter
- input.file - the input file specified as a -D parameter
 - Map records with matching concept ids should exist within map projects that also share the refset id.
 - If not, the notes are skipped.

Following are some details about the remover implementation:

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

Project: admin/remover

Configuration Parameters

- A profile of "MapNotes" must be specified
- run.config - the standard configuration file specified as a -D parameter
- refset.id - a comma-separated list of refset ids to remove map notes for specified as a -D parameter
 - Map projects with these refset ids must exist.

Samples

Sample command line call of the admin tool to load map notes from an RF2 file:

```
% cd ~/code/admin/loader
% mvn install -Drun.config=/home/ihtsdo/config/config.properties -PMapNotes -Dinput.file=/home/ihtsdo/data/der2_sRefset_MapNotesSnapshot_INT_20140131.txt
```

Sample command line call of the admin tool to remove map notes for refsets 447563008 and 447562003:

```
% cd ~/code/admin/remover
% mvn install -Drun.config=/home/ihtsdo/config/config.properties -PMapNotes -Drefset.id=447563008,447562003
```

Sample Eclipse run configuration to load map notes from an RF2 file:

The screenshot shows the Eclipse IDE Run Configuration dialog for a Maven project named "loader - MapNotes". The dialog has several tabs: Main, JRE, Refresh, Source, Environment, and Common. The "Main" tab is selected.

Name: loader - MapNotes

Base directory: C:/Users/Brian Carlsen/workspace/OTF-Mapping-Service/admin/loader

Goals: install

Profiles: MapNotes

☐ Offline ☐ Update Snapshots

☐ Debug Output ☐ Skip Tests ☐ Non-recursive

☐ Resolve Workspace artifacts

Threads: 1

Parameter Name	Value
run.config	c:/data/config.properties
input.file	c:/mapping/data/der2_sRefset_MapNotesSnapshot_I...

Maven Runtime: Embedded (3.1.1/1.5.0.20131102-1211)

Sample Eclipse run configuration to remove map notes for refsets 447563008 and 447562003:

Name: remover - MapNotes - 447562003,447563008

Main JRE Refresh Source Environment Common

Base directory:
C:/Users/Brian Carlsen/workspace/OTF-Mapping-Service/admin/remover
Browse Workspace... Browse File System... Variables...

Goals: install Select...

Profiles: MapNotes
☐ Offline ☐ Update Snapshots
☐ Debug Output ☐ Skip Tests ☐ Non-recursive
☐ Resolve Workspace artifacts
1 Threads

Parameter Name	Value
refset.id	447562003,447563008
run.config	c:/mapping/config/config.prope...

Add... Edit... Remove

Maven Runtime: Embedded (3.1.1/1.5.0.20131102-1211) Configure...

Troubleshooting

If anything goes wrong loading map notes, they can be removed with the remover and simply reloaded.

References/Links

- n/a