

Workflow Tools

Overview

This page documents the use of Workflow tools.

Prerequisites

- MySQL database must already exist (e.g. "mappingserviceadb") and be loaded with terminologies, map projects, and map records.
- MySQL database connection parameters must be defined in the properties file specified by "run.config".

Details

These tools are used to clear and compute workflow states. The "compute workflow" operation starts by clearing the workflow for that project so the other tools rarely needed.

Workflow should be recomputed any time the scope concepts may have changed, or external processes may have modified workflow in some way.

Following are some details about these tools:

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

Project: admin/loader

Configuration Parameters

- A profile of "ComputeWorkflow" must be passed
- run.config - the standard configuration file specified as a -D parameter
- refset.id - the map project refset id to compute workflow for, specified as a -D parameter.
- send.notification - a flag indicating whether to send email upon completion specified as a -D parameter
 - The recipient list is specified as the "send.notification.recipients" in the config file specified by run.config.

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

Project: admin/remove

Configuration Parameters

- A profile of "ClearWorkflow" must be passed
- run.config - the standard configuration file specified as a -D parameter
- refset.id - the map project refset id to clear workflow for, specified as a -D parameter.

Samples

Sample command line call to compute workflow for refset id 447563008 (and send notification):

```
% cd ~/code/admin/loader
% mvn install -Drun.config=/home/ihtsdo/config/config.properties -PComputeWorkflow -Drefset.id=447563008 -Dsend.notification=true
```

Sample command line call to clear workflow for refset id 447563008:

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

Sample Eclipse run configuration to compute workflow for refset id 447563008:

Name: Compute Workflow - 447563008

Main JRE Refresh Source Environment Common

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

Goals: clean install Select...

Profiles: ComputeWorkflow

☐ Offline ☐ Update Snapshots
☐ Debug Output ☐ Skip Tests ☐ Non-recursive
☐ Resolve Workspace artifacts

1 Threads

Parameter Name	Value
run.config	c:/mapping/config/config.prope...
refset.id	447563008
send.notification	true

Add... Edit... Remove

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

Apply Revert

Sample Eclipse run configuration to clear workflow for refset id 447563008:

Name: Clear Workflow - 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:
clean install
Select...

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

Parameter Name	Value
run.config	c:/mapping/config/config.properties
refset.id	447563008

Add...
Edit...
Remove

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

Apply
Revert

Troubleshooting

These tools are safe to re-run. If anything goes wrong computing workflow states, simply clear them and compute it again.

References/Links

- n/a