

ICD10 Mapping

Overview

Information on the ICD10 mapping project.

- ModuleId: 449080006
- RefsetId: 447562003

Helpful Admin Commands

Remove

```
cd /opt/mapping-service-admin/admin/remover
// DO NOT DO THIS mvn install -PMapRecords -D$src -DrefsetId=447562003
mvn install -PTerminology -D$src -Dterminology=ICD10 -Dversion=2016
```

Load Previous version RF2

in DB, first remove complex map refset members

```
DELETE from complex_map_refset_members where refsetId = 447562003;
```

Note: (this should also be able to be run with this:

Get maintenance window

```
cd /opt/mapping-service-admin/admin/remover
```

```
mvn install -PMapMembers -D$src -DrefsetId=447562003)
```

```
cd /opt/mapping-service-admin/admin/loader
set file = /home/ihtsdo/data/doc/release/20170131/icd10/der2_iisssccRefset_ExtendedMapSnapshot_INT_20170131.
txt
perl -ne '@=split/\t/; print if $_[4] eq "447562003"' $file > /tmp/x.txt
mvn install -PMapRecords -D$src -Dinput.file=/tmp/x.txt -Dmember.flag=true -Drecord.flag=false
```

To validate:

```
select count(*) from complex_map_refset_members a, map_projects b where a.refsetId = b.refSetId and
mapProjectId = $mapProjectId and
```

```
a.terminology = b.sourceTerminology and a.terminologyVersion = b.sourceTerminologyVersion;
```

Compute

```
cd /opt/mapping-service-admin/admin/loader
mvn install -PComputeWorkflow -D$src -DrefsetId=447562003
```

Release

These steps are now typically done through the Release Handling accordion in the UI on prod-mapping-release, after the clone from prod-mapping.

```
cd /opt/mapping-service-admin/admin/release
mvn install -PBeginRelease -D$src -DrefsetId=447562003 -Dtest.mode.flag=true
mvn install -PRelease -D$src -DrefsetId=447562003 -Doutput.dir=. -Dtime=20170731 -Dmodule.id=449080006 -Dtest.mode.flag=true
mvn install -PFinishRelease -D$src -DrefsetId=447562003 (This process currently takes 36 hours. 26 of these hours is in loading the refset members
at the end.)
mvn install -PBeginEditingCycle -D$src -DrefsetId=447562003
```

Release with Alpha/Beta Iteration

These first steps of reloading snomed are now typically done on the prod-mapping server. Skip steps 2 - 5 on the first iteration.

1.) Take server down. supervisorctl stop mapping-rest

2.) cd /opt/mapping-admin/remover

3.) mvn install -PTerminology -Drun.config=/opt/mapping-rest/config.properties -Dterminology=SNOMEDCT -Dversion=latest

4.) cd /opt/mapping-admin/loader

5.) mvn install -PRF2-snapshot -Drun.config=/opt/mapping-rest/config.properties -Dterminology=SNOMEDCT -Dinput.dir=/home/ihtsdo/data/xSnomedCT_InternationalRF2_ALPHA_20170731T120000Z/Snapshot

6.) DELETE from complex_map_refset_members where refsetId = 447562003;

7.) cd /opt/mapping-admin/loader

8.) set file = /home/ihtsdo/data/doc/release/20170131/icd10/der2_iisssccRefset_ExtendedMapActiveSnapshot_INT_20200731.txt

```
perl -ne '@_ =split/\t/; print if $_[4] eq "447562003"' $file > /tmp/icd10.20200731.txt
mvn install -PMapRecords -Drun.config=/opt/mapping-rest/config.properties -Dinput.file=/tmp/icd10.20200731.txt -Dmember.flag=true -Drecord.
flag=false
```

Note: this step requires the ActiveSnapshot file. If you have the plain Snapshot file, you'll need to remove inactive content as follows: `awk '$3 == "1" { print $_ }' icd10.txt > icd10active.txt`

8a.) Bring server back up.

9.) rerun compute workflow to ensure that there aren't any new concepts in scope that need to be mapped, begin, and process release steps (these steps happen through the UI)

Loading "Human Readable" View

TBD

Updating Published Project

```
# Remove old records
cd /opt/mapping-admin/remover
mvn install -PMapRecords -Drun.config=/opt/mapping-rest/config.properties -Drefset.id=P447562003

# Add updated records
cd /opt/mapping-admin/loader
/bin/rm -f x.txt
perl -ne 's/447562003/P447562003/; @_=split/\t/;print if $_[4] eq "P447562003"; ' /opt/mapping-data/doc
/release/SNOMEDCT_to_ICD10_447562003/20200731/der2_iisssccRefset_ExtendedMapActiveSnapshot_INT_20200731.txt >
x.txt
mvn install -PMapRecords -Drun.config=/opt/mapping-rest/config.properties -Dinput.file=x.txt -Dmember.
flag=false -Drecord.flag=true
```

Remove old reports

```
service tomcat7 stop

# set date one year ago, e.g. 20141215
set refsetId=447562003
set date = 20141215
cd ~/code/admin/remover
mvn install -PReports -Drun.config=/home/ihtsdo/config/config.properties -Drefset.id=$refsetId -Dend.
date=$date >&! mvn.log
service tomcat7 start
```

References/Links

- n/a