

IHTSDO Terminology Server

Overview

Details on integration with the IHTSDO Terminology Server.

Terminology Handler

The tool has a terminology handler API that supports a range of calls that can be made and implemented against a terminology server endpoint. These include:

1. countExpression, resolveExpression
 - a. Used for working with expressions when maintaining intensional refsets or looking up large numbers of concepts for migration.
2. findConceptsForQuery, findRefsetsForQuery
 - a. Standard string or id-based searching mechanisms for refsets or concepts.
3. getConcept, getConceptChildren, getConceptParents, getFullConcept
 - a. For accessing concept information.
 - b. The "full" concept includes descriptions and relationships.
4. getConcepts
 - a. For reading a batch of concepts at once (e.g. during migration)
5. getLanguages
 - a. Determine languages supported by the integration
6. getModules
 - a. Lookup RF2 modules
7. getReplacementConcepts
 - a. Find replacements for inactive concepts
8. getTerminologyEditions
 - a. Determine which editions are supported
9. getTerminologyVersions
 - a. Determine which versions of an edition are supported
10. translate
 - a. Auto-translate a string.

Browser Integration

Implements the calls above against the IHTSDO Browser endpoint.

TBD: more details

It requires the following configuration to work:

```
terminology.handler=BROWSER
terminology.handler.BROWSER.class=org.ihtsdo.otf.refset.jpa.services.handlers.BrowserTerminologyHandler
terminology.handler.BROWSER.defaultUrl=https://sct-rest.ihtsdotools.org/api
terminology.handler.BROWSER.apiKey=EDIT_THIS
```

Snowowl Integration

Implements the calls above against the IHTSDO authoring endpoint.

TBD: more details

It requires the following configuration to work:

```
terminology.handler=SNOWOWL
terminology.handler.SNOWOWL.class=org.ihtsdo.otf.refset.jpa.services.handlers.SnowowlTerminologyHandler
terminology.handler.SNOWOWL.defaultUrl=https://authoring.ihtsdotools.org/snowowl/snomed-ct/v2
terminology.handler.SNOWOWL.authHeader=Basic EDIT_THIS
terminology.handler.SNOWOWL.apiKey=EDIT_THIS
```

References/Links

- <https://browser.ihtsdotools.org> (browser)
- <http://docs.snomedctsnapshotapi.apiary.io/#reference> (browser API)
- <https://authoring.ihtsdotools.org/snowowl/snomed-ct/v2/#> (authoring API)