Domain Model

Overview

Documentation on the domain objects used by this system.

Details

There are threemain "categories" of domain objects used by the system

- Terminology
- Application
- Workflow

Following is information about the domain objects within each category.

Terminology Objects

- Concept
  - Used to capture data both retrieved from the terminology server integration, and also to store translation descriptions as part of a translation project.
  - Concepts used to track translated descriptions are stored and indexed locally
- ConceptRefsetMember
  - Used to capture the actual concept members of a reference set.
  - For intensional reference sets, these are the "materialized" members of the definition.
  - Inclusions/Exclusions are also stored as explicit members.
  - Persisted and indexed locally
- Description
  - Used to capture descriptions returned from terminology server and also to represent translations of concepts as part of a translation project.
  - Descriptions representing translations are indexed and persisted locally
- LanguageDescriptionType
  - Used to capture supported description types used by a translation project.
- LanguageRefsetMember
  - Used to capture language refset data returned from terminology server
- Relationship
  - Used to capture relationships returned from the terminology server

Application Objects

All application objects are persisted and indexed locally.

- ConceptDiffReport
  - Represents a computed report showing differences between two translations or two versions of the same translation.
  - Not persisted
- ConceptNote
  - A note on a concept created by a user.
  - Persisted and indexed locally.
- ConceptRefsetMemberNote
  - A note on a refset member created by a user.
  - Persisted and indexed locally.
- ConceptValidationResult
  - Used by the validation framework to report warnings and errors
  - Not persisted
- DefinitionClause
  - Used by intensional refsets to capture parts of a definition.
  - Persisted locally
- IoHandlerInfo
  - Represent configurations for import/export handlers
  - Driven from config.properties
  - Not persisted
- MemberDiffReport

- Represents a computed report showing differences between two refsets or two versions of the same refset.
  - Not persisted
- MemberValidationResult

  - Used by the validation framework to report warnings and errors
  - Not persisted
- MemoryEntry

  - Used by translation projects to store translation memory
  - Persisted and indexed locally
- PhraseMemory

  - A collection of MemoryEntry objects
  - persisted and indexed locally
- Project

  - Represents a collection of users with particular roles and some default configurations to manage a collection of refsets or translations (or both).
  - Persisted and indexed locally.
- Refset

  - Reference sets being developed within the application.
  - Persisted and indexed locally.
- RefsetNote

  - A note on a refset created by a user.
  - Persisted and indexed locally.
- ReleaseArtifact

  - A data file produced as part of a released
  - Persisted locally in the database as binary data
- ReleaseInfo

  - Represents a release of a refset or a translation.
  - Captures version info and other relevant metadata.
  - Links to ReleaseArtifact objects.
  - Persisted an dindexed locally
- ReleaseProperty

  - Not used at the moment.
- SpellingDictionary

  - Used by translation projects for spelling correction.
  - Persisted and indexed locally.
- StagedRefsetChange

  - Represents a refset undergoing a staging process (import, migration, release, etc.)
  - Persisted and indexed locally
- StagedTranslationChange

  - Represents a translation undergoing a staging process (import, migration, release, etc.)
  - Persisted and indexed locally
- Terminology

  - Represents a SNOMEDCT edition and version
  - Used to capture info supplied by the terminology server
- Translation

  - Translation being developed within the application.
  - Persisted and indexed locally.
- TranslationNote

  - A note on a translation created by a user.
  - Persisted and indexed locally.
- User

  - A user of the application
  - Persisted and indexed locally
- UserPreferences

  - Preferences of a user (such as "last tab" and "last accordion", etc).
  - Associated with a user
  - Persisted locally
- ValidationResult

  - Used by the validation framework to report warnings and errors
  - Not persisted

Workflow Objects

- TrackingRecord
  - Represents a workflow state for a refset, or for a concept of a translation

References/Links

- n/a