

UMLS SemNet Mapping

Contents of this Page

- Coding Scheme
- Entities
- Relations

Coding Scheme

<i>RRF File Name</i>	<i>RRF Column Name</i>	<i>RRF Definition</i>	<i>NCI Meta only</i>	<i>LexGrid Model Element</i>	<i>Comments</i>
			NA	codingScheme. representsVersion	No comments
			NA	codingScheme. codingSchemeName	hard coded in java file as "UMLS_SemNet"
			NA	codingScheme. formalName	hard coded in java file as "UMLS Semantic Network"
			NA	codingScheme. defaultLanguage	hard coded in java file as "en"
			NA	codingScheme. approxNumConcepts	hard coded in java file as
			NA	codingScheme. entityDescription	hard coded in java file as "The UMLS Semantic Network is one of three UMLS Knowledge Sources developed as part of the Unified Medical Language System project. The network provides a consistent categorization of all concepts represented in the UMLS Metathesaurus."
license.txt			NA	codingScheme. copyright	Read from license.txt file or hard coded reference in java file
			NA	codingScheme. codingSchemeURI	hard coded in java file as "urn:lsid.nlm.nih.gov:semnet"
			NA	codingScheme. relations. containerName	hard coded in java file as "relations"
			NA	codingScheme. localNameList	No comments
			NA	codingScheme. localNameList.	hard coded in java file as "UMLS_SemNet"
			NA	codingScheme. localNameList	No comments
			NA	codingScheme. localNameList.	No comments
			NA	codingScheme.source	No comments
			NA	codingScheme.source. content	No comments
			NA	codingScheme. localNameList	No comments
			NA	codingScheme. localNameList.	No comments
			NA	codingScheme. localNameList	No comments
			NA	codingScheme. localNameList.	No comments
			NA	codingScheme. localNameList	No comments
			NA	codingScheme. localNameList.	No comments
			NA	codingScheme. localNameList	No comments
			NA	codingScheme. localNameList.	No comments
			NA	mappings. supportedFormat	No comments
			NA	mappings. supportedFormat. localId	hard coded in java file as "text/plain"
			NA	mappings. supportedFormat.uri	hard coded in java file as "urn:oid:2.16.840.1.113883.6.10:text_plain"
			NA	mappings. supportedAssociation	No comments
SRDEF	RL		NA	mappings. supportedAssociation. localId	No comments
			NA	mappings. supportedContext	No comments

			NA	mappings.supportedSource	No comments
			NA	mappings.supportedSource.localId	hard coded in java file as "NLM"
			NA	mappings.supportedSource.uri	hard coded in java file as "urn:lsid.nlm.nih.gov"
			NA	mappings.supportedHierarchy	No comments
			NA	mappings.supportedHierarchy.localId	hard coded in java file as "is_a"
			NA	mappings.supportedHierarchy.isForwardNavigable	hard coded as "true"
			NA	mappings.supportedHierarchy.rootCode	hard coded as "@"
			NA	mappings.supportedHierarchy.associationList	hard coded in java file as "hasSubtype"
			NA	mappings.supportedAssociationQualifier	No comments
SRFLD	COL		NA	mappings.supportedProperty	No comments
			NA	mappings.supportedProperty.localId	If SRDEF appears in the FIL column then this is treated a potential supported property and is entered in supported properties as such.
			NA	mappings.supportedProperty.uri	hard coded in java file as ""
			NA	mappings.supportedLanguage	No comments
			NA	mappings.supportedLanguage.localId	hard coded in java file as "en"
			NA	mappings.supportedLanguage.uri	hard coded in java file as "urn:oid:2.16.840.1.113883.6.84:en"
			NA	mappings.supportedCodingScheme	No comments
			NA	mappings.supportedCodingScheme.localId	hard coded in java file as "UMLS_SemNet"
			NA	mappings.supportedCodingScheme.uri	hard coded in java file as "urn:lsid.nlm.nih.gov:semnet"
			NA	mappings.supportedRepresentationalForm	No comments
			NA	mappings.supportedConceptStatus	No comments
			NA	mappings.supportedPropertyLink	No comments
			NA	mappings.supportedPropertyQualifier	No comments
			NA	mappings.supportedDataType	No comments

Entities

<i>RRF File Name</i>	<i>RRF Column Name</i>	<i>RRF Definition</i>	<i>NCI Meta only</i>	<i>LexGrid Model Element</i>	<i>Comments</i>
SRDEF	UI		NA	Entity.entityCode	No comments
SRDEF	STY/RL		NA	Entity.entityDescription(inheritance path Entity->versionableAndDescribable)	No comments
			NA	Entity.Property	No comments
SRDEF	NH		NA	Entity.Property.text.content	No comments
			NA	Entity.Property.value.text.dataType	hard coded in java file as "text/plain"
			NA	Entity.Property.propertyName	hard coded in java file as "NH"
			NA	Entity.Property.propertyId	Generated value for property using "P" concatenated with a steadily incremented numerical value.
			NA	Entity.presentation	No comments
			NA	Entity.presentation.propertyName (inherited from Property)	Hard coded in java file as "STY/RL" or "ABR"
			NA	Entity.presentation.propertyId	Generated value for property using "P" concatenated with a steadily incremented numerical value.
SRDEF	STY/RL, ABR		NA	concept.presentation.text.content	No comments
			NA	Entity.presentation.value.text.dataType	hard coded in java file as "text/plain"
			NA	Entity.presentation.isPreferred	hard coded in java file as true.
			NA	Entity.definition.propertyName (inherited from Property)	Hard coded in java file as "DEF"

			NA	concept.definition.propertyId	Generated value for property using "P" concatenated with a steadily incremented numerical value.
SRDEF	DEF		NA	Entity.definition.text.content	No comments
			NA	Entity.definition.value.text.dataType	hard coded in java file as "text/plain"
			NA	Entity.definition.isPreferred	hard coded in java file as true.
			NA	Entity.comment	No comments
SRDEF	EX		NA	Entity.comment.propertyName (inherited from Property)	Hard coded in java file as "EX"
			NA	Entity.comment.text.content	
			NA	Entity.comment.value.text.dataType	hard coded in java file as "text/plain"
			NA	Entity.comment.propertyId	Generated value for property using "P" concatenated with a steadily incremented numerical value.
			NA	Entity.instruction	No comments
			NA	Entity.instruction.propertyName (inherited from Property)	Hard coded in java file as "UN"
SRDEF	UN		NA	Entity.instruction.text.content	No comments
			NA	Entity.instruction.value.text.dataType	hard coded in java file as "text/plain"
			NA	Entity.instruction.propertyId	Generated value for property using "P" concatenated with a steadily incremented numerical value.

Relations

<i>RRF File Name</i>	<i>RRF Column Name</i>	<i>RRF Definition</i>	<i>NCI Meta only</i>	<i>LexGrid Model Element</i>	<i>Comments</i>
SRSTR	RL		NA	AssociationPredicate.associationName	In the case of RL value is "isa" the id is hard coded to hasSubtype. The direction of the association is also reversed
			NA	AssociationEntity.isTransitive	hard coded to true if the value of RL is "isa"
SRSTR	RL		NA	AssociationEntity.forwardName	Reversed when value of RL is "isa"
SRSTR	STY/RL		NA	AssociationSource.sourceEntityCode	Reversed when value of RL is "isa"
SRSTR	STY/RL		NA	AssociationTarget.targetEntityCode	No comments
SRDEF	RIN		NA	AssociationEntity.reverseName	No comments
SRDEF	DEF		NA	AssociationEntity.entityDescription.content (inheritance path for entityDescription is Entity->versionableAndDescribable)	When SRDEF value RT is "RL"
SRSTRE1	UI/STY(first argument)		NA	AssociationSource.sourceEntityCode	Reversed when value of RL is "isa"
SRSTRE1	UI/STY(2nd argument)		NA	AssociationTarget.targetEntityCode	Reversed when value of RL is "isa"