

LexEVS 6.x OBO Mapping

OBO Class	OBO Entity	LexGrid Model Element	Notes
Document Header	format-version	None	Not mapped.
Document Header	data-version	CodingScheme.representsVersion	Creates a codingSchemeVersion and SystemRelease record. If not specified, then hard coded "UNASSIGNED"
Document Header	version	CodingScheme.representsVersion	Deprecated - use data-version if present.
Document Header	date	None	Not mapped.
Document Header	saved-by	None	Ignored but included if contained in the remark entity.
Document Header	auto-generated-by	None	Ignored but included if contained in the remark entity.
Document Header	subsetdef	None	Not mapped.
Document Header	import	None	Deprecated - Imports are used to assemble a larger document from smaller.
Document Header	typeref	None	Deprecated.
Document Header	synonymtypedef	None	Not mapped.
Document Header	idspace	None	Not mapped. The idspace is a triple - localName, URN and description.
Document Header	default-relationship-id-prefix	None	Not mapped.
Document Header	id-mapping	CodingScheme.supportedAssociation	This is more generalized than the LexGrid model, as it supports mapping between *any* id's. Note that its primary purpose, however, is to handle supportedAssociation.
Document Header	remark	CodingScheme.entityDescription	Will combine multiple remark entities into the entityDescription.
Document Header	default-namespace	codingScheme.codingSchemeName	Will use default-namespace if provided; otherwise will use filename without the extension.
Document Header	default-namespace	codingScheme.formalName	Will use default-namespace if provided; otherwise will use filename without the extension.
Document Header	default-namespace	codingScheme.codingSchemeURI	Combination of "urn:lsid:bioontology.org:" and if provided, the value in "default-namespace"; but if not will use filename without the extension.
		codingScheme.defaultLanguage	Hardcoded "en"
		codingScheme.isNative	Hardcoded "true"
Stanza	id	Entity.entityCode	No notes
Stanza	name	Entity.entityDescription	No notes
		Entity.presentation["textualPresentation"].text	No notes
		Entity.presentation["textualPresentation"].isPreferred = true	No notes
Stanza	alt_id	Entity.property.property="alt_id"	No notes

		Entity.property['alt_id'].propertyId	No notes
		Entity.property['alt_id'].text	No notes
Stanza	is_anonymous	Entity.isAnonymous = true	No notes
Stanza	is_obsolete	Entity.isActive = false	No notes
Stanza	def	Entity.definition	No notes
		Entity.definition.isPreferred = true	No notes
Stanza	def.dbxref	None	See dbxref
Stanza	comment	Entity.comment.text	No notes
Stanza	subset	property[subset tag]	See subsetdef
Stanza	synonym	presentation['textualPresentation'].text	No notes
Stanza	synonym.scope	presentation['textualPresentation'].degreeOfFidelity	No notes
Stanza	synonym.type	presentation['textualPresentation'].representationalForm	No notes
Stanza	synonym.dbxref	(see dbxref)	No notes
Stanza	exact_synonym	None	See synonym
Stanza	narrow_synonym	None	See synonym
Stanza	broad_synonym	None	See synonym
Stanza	xref	Property.[xref]	No notes
Stanza	xref_analog	None	See synonym
Stanza	xref_unk	None	No notes
Stanza	is_a	AssociationPredicate.[is_a]	Reverse of the source and target.
Stanza	is_a.namespace	None	If present, the supplied namespace becomes the owning "codingScheme".
Stanza	is_a.derived	AssociationPredicate.is_a.AssociationSource.AssociationTarget.associationQualifier	If present, need to include derived in the supportedAssociationQualifiers section
Stanza	intersection_of	None	Processed the same way that OWL intersection operator is processed. This includes creation of anonymous sets.
Stanza	union_of	None	Same as OWL
Stanza	disjoint_from	None	Same as OWL
Stanza	relationship	associations.	No notes
Stanza	relationship.not_necessary	AssociationTarget..associationQualifier	No notes
Stanza	relationship.inverse_necessary	AssociationTarget..associationQualifier	No notes
Stanza	relationship.namespace	None	If present, the supplied namespace becomes the owning "codingScheme".
Stanza	relationship.derived	AssociationTarget..associationQualifier	No notes
Stanza	relationship.cardinality	AssociationTarget..associationQualifier	No notes
Stanza	relationship.maxCardinality	AssociationTarget..associationQualifier	No notes
Stanza	relationship.minCardinality	AssociationTarget..associationQualifier	No notes
Stanza	is_obsolete	Entity.isActive = false	No notes
		Entity.conceptStatus="is_obsolete"	No notes
Stanza	replaced_by	None	No notes
Stanza	consider	None	Not Mapped
Stanza	use_term	None	(deprecated)
dbxref	dbxref name	Entity.source	No notes

dbxref	dbxref name	supportedSource	dbxref name format is inconsistent. In most cases, it can be the localName of supportedSource, but special processing may be necessary in the case of URL's, etc
dbxref	dbxref description	None	Not mapped.
dbxref	trailing modifiers	None	Not mapped.
typeDef Stanza	domain	AssociationPredicate.[has_domain]	No notes
typeDef Stanza	range	AssociationPredicate.[has_range]	No notes
typeDef Stanza	is_cyclic	property['is_cyclic']	No notes
typeDef Stanza	is_reflexive	property['is_reflexive']	No notes
typeDef Stanza	is_reflexive	AssociationEntity.isReflexive	No notes
typeDef Stanza	is_symmetric	property['is_symmetric']	No notes
typeDef Stanza	is_symmetric	association.isSymmetric	No notes
typeDef Stanza	is_transitive	property['is_transitive']	No notes
typeDef Stanza	is_transitive	association.isTransitive	No notes
typeDef Stanza	inverse_of	association.inverse	No notes
instance stanza	id	same rules as general stanza	same rules as general stanza
instance stanza	name	same rules as general stanza	same rules as general stanza
instance stanza	instance_of	AssociationPredicate[has_instance]	No notes
instance stanza	instance_of	Entity.property.property=""	data type properties go in Coded Entry property section