

1. lam-skos-ap.xmi

Literal

URI

PropertyShape

This SHACL class is employed here as a proxy and not as a real constraint. Most of the elements of the SHACL constraint definition are in place except two:

- sh:path that specifies the property that is constrained, is replaced by lam:path which is a reference to DocumentProperty
- sh:property that is the means to introduce property constraint to a class definition, is replaced by lam:hasPropertyConfiguration.

Table 1. Properties

Name	Type	Cardinality	Definition
sh:description	Literal	0..*	
sh:name	Literal	1..1	
path	DocumentProperty		
hasAnnotationConfiguration	AnnotationConfiguration		Annotations specify how a property can be annotated

Collection

Table 2. Properties

Name	Type	Cardinality	Definition
skos:definition	Literal	0..1	
skosxl:prefLabel		1..1	
skos:member	Collection	0..*	
skos:member	Concept	0..*	
skos:member	Collection	0..*	

Concept

Table 3. Properties

Name	Type	Cardinality	Definition
skos:inScheme	URI	1..1	
skosxl:prefLabel	Label	1..1	
skos:inScheme	ConceptScheme	0..*	<p>Some documentation with bold with <i>italic</i> <u>underscore</u> _</p> <ul style="list-style-type: none"> • list element <p>1. numbered list</p> <p>X^2 Y_1</p>

Name	Type	Cardinality	Definition
			http://website.com

ConceptScheme

Table 4. Properties

Name	Type	Cardinality	Definition
skosxl:prefLabel	Label	1..1	

Label

AnnotationConfiguration

This class can be used in two ways:

- as property(metadata) annotation constraint specifying the controlled list(s) the annotation property can take values from
- as property annotation constraint on a specific class specifying the exact value it must take as annotation of the specific property.

Superclasses:

PropertyShape

Table 5. Properties

Name	Type	Cardinality	Definition
sh:class	URI	0..*	
sh:value		0..1	this class

ClassificationHint

this class can also be conceptualized as a constraint

Superclasses:

PropertyShape

Table 6. Properties

Name	Type	Cardinality	Definition
valuePattern	Literal	1..1	the values, regular expression or list of values that occur in the given property of a document type

DocumentProperty

Superclasses:

PropertyShape

Concept

Table 7. Properties

Name	Type	Cardinality	Definition
sh:class	URI	0..*	one or multiple controlled lists specified as range class restriction
sh:path	URI	1..1	
skos:definition	Literal	1..1	
skos:example	Literal	0..*	
skos:historyNote	Literal	0..*	
skos:notation	Literal	1..1	code by which this metadata is identified in the LAM data. It is also the column name in Excel file.
skos:scopeNote	Literal	0..*	

DocumentPropertyGroup

Superclasses:

Collection

LegalDocumentClass

Superclasses:

Concept

Table 8. Properties

Name	Type	Cardinality	Definition
classifyWith	Classification	0..1	
hasPropertyConfiguration	PropertyConfiguration	0..*	for each column in the excel file the cell indicates the constraint (cardinality or controlled value) on that column.

LegalDocumentGroup

Superclasses:

Collection

PropertyConfiguration

Superclasses:

PropertyShape

Table 9. Properties

Name	Type	Cardinality	Definition
sh:maxCount	int	0..1	
sh:minCount	int	0..1	
skos:editorialNote	Literal	0..1	
value	URI	0..1	

