Expressões escritas no campo Object no mapeamento RDF no GraphDB:

Expressões GREL para o Mapeamento para Dublin Core não qualificado

O Dublin Core define 15 elementos de dados. Esses elementos de dados são mapeados diretamente para os elementos de dados definidos neste

padrão, conforme ilustrado na Tabela A.1 do LOM IEEE

1) DC.Subject 1.5:General.Keyword or 9:Classification with 9.1:Classification. Purpose equals “Discipline” or “Idea”.

(generalKeyword)

Predicate:

dc:subject

Object:

RDF Type = Literal

Source = GREL

if(or(cells.classificationPurpose.value=="Discipline",

cells.classificationPurpose.value=="Idea"),

cells.generalKeyword1.value,

null)

Literal attributes = Language

Language source: Column

generalKeyword1Language

(repetir Object para as outras palavras chave: generalKeyword2, ...)

2) DC.Subject 1.5:General.Keyword or 9:Classification with 9.1:Classification. Purpose equals “Discipline” or “Idea”.

(classificationKeyword)

Predicate:

dc:subject

Object:

RDF Type = Literal

Source = GREL

if(or(cells.classificationPurpose.value=="Discipline",

cells.classificationPurpose.value=="Idea"),

cells.classificationKeyword1.value,

null)

Literal attributes = Language

Language source: Column

classificationKeyword1Language

(repetir Object para as outras palavras chave: classificationKeyword2, ...)

3) DC.Date 2.3.3:LifeCycle.Contribute.Date when 2.3.1:LifeCycle. Contribute.Role has a value of “Publisher”.

Predicate:

dc:date

Object:

RDF Type = Literal

Source = GREL

if(cells.lifeCycleContributeRole.value=="Publisher",

cells.lifeCycleContributeDate.value,

null)

Literal attributes = Datatype

Language source: Constant

Contant: xsd:date

4)DC.Creator 2.3.2:LifeCycle.Contribute.Entity when 2.3.1:LifeCycle. Contribute.Role has a value of “Author”.

Predicate:

dc:creator

Object:

RDF Type = Literal

Source = GREL

if(cells.lifeCycleContributeRole.value=="Author",

cells.lifeCycleContributeEntity.value,

null)

5)DC.OtherContributor 2.3.2:LifeCycle.Contribute.Entity with the type of contribution specified in 2.3.1:LifeCycle.Contribute.Role

Predicate:

dc:OtherContributor

Object:

RDF Type = Literal

Source = GREL

cells.lifeCycleContributeEntity.value + ", "+ cells.lifeCycleContributeRole.value

6) DC.Publisher 2.3.2:LifeCycle.Contribute.Entity when 2.3.1:LifeCycle. Contribute.Role has a value of “Publisher”.

Predicate:

dc:publisher

Object:

RDF Type = Literal

Source = GREL

if(cells.lifeCycleContributeRole.value=="Publisher",

cells.lifeCycleContributeEntity.value,

null)

7) DC.Source 7.2:Relation.Resource when the value of 7.1:Relation.Kind is “IsBasedOn.”

Predicate:

dc:source

Object:

RDF Type = Literal

Source = GREL

if(cells.relationKind.value=="IsBasedOn",

cells.relationResource.value,

null)