

# Matterhorn RDF Datamodel

The Matterhorn RDF Datamodel is developed by the [State Archives Canton of Wallis](#) and [docuteam](#). It is based both on the ICA-standards for descriptive metadata (now ISAD/ISAAR/ISDF, in the future Records in Context (RiC)) and the OAIS Information Model. There are currently two different approaches to implement the RiC conceptual model:

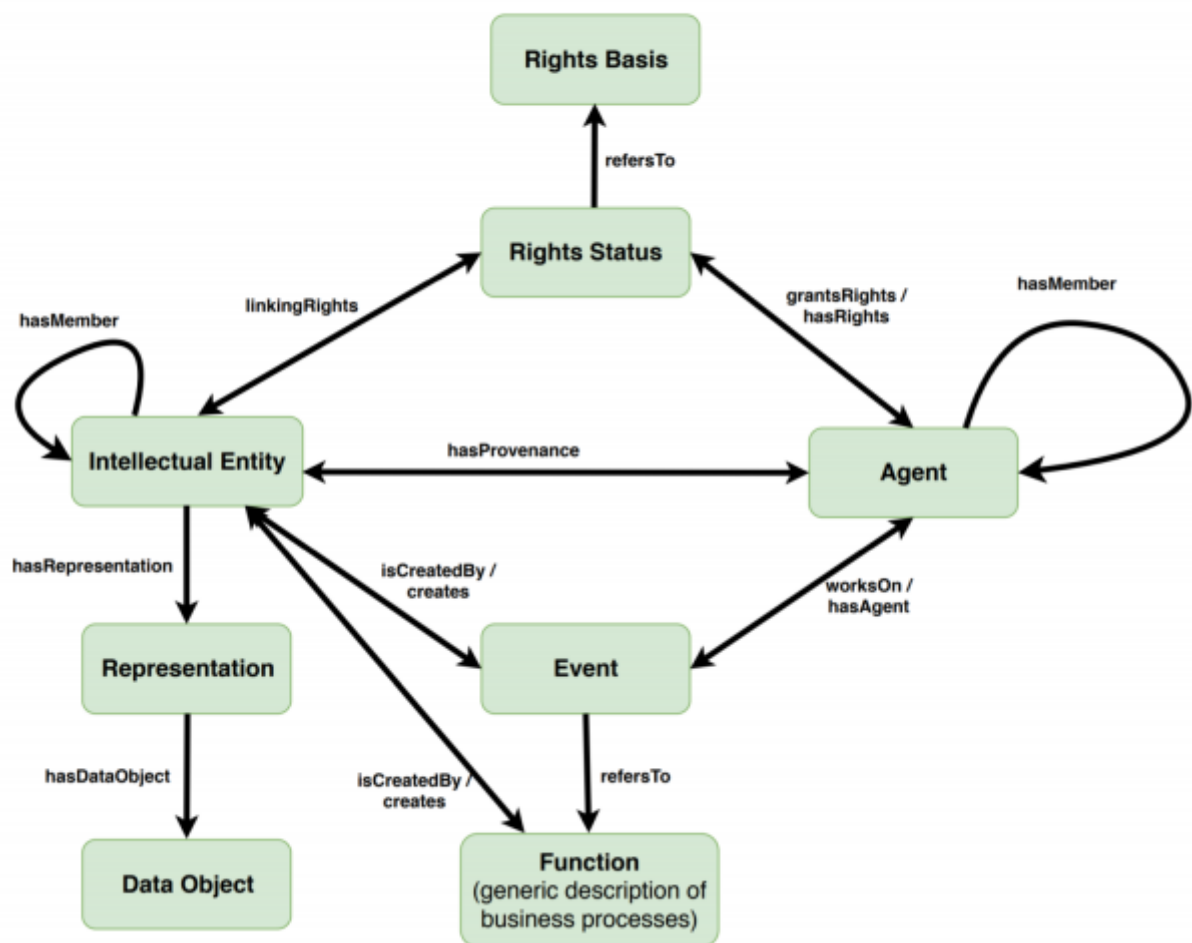
- **EGAD's nongeneric approach:** Developing an RDF standard specific to archives, with gateways to library and museum standards. The development of Records in Context Ontology (RiC-O) is a very slow process due to EGADs lacking resources. In december 2018 the EGAD opened a ["RiC-O Call for reviewers"](#), which is open until April 2019. It is important to give the EGAD the feedback it is looking for!
- **The Matterhorn RDF Data Model's generic approach:** The RiC conceptual model and the OAIS Information Model are implemented with existing ontologies, nothing new is being created. The basis for our implementation is the [PREMIS3-ontology](#).

The Matterhorn RDF Data Model follows the [best practices propagated by the W3C](#): «It is best practice to use or extend an existing vocabulary before creating a new vocabulary.» Matterhorn RDF is based on ontologies that are popular and have a large user base, that are maintained and have versioning policies. All vocabularies are attached to organizations, institutions or committees that ensure continuity over the long run.

## Conceptual Model

The conceptual model describes the main entities of the Matterhorn RDF Datamodel and the relationships between the entities. The naming both of the entities and relationships is for better illustration and has nothing to do with the actual implementation.

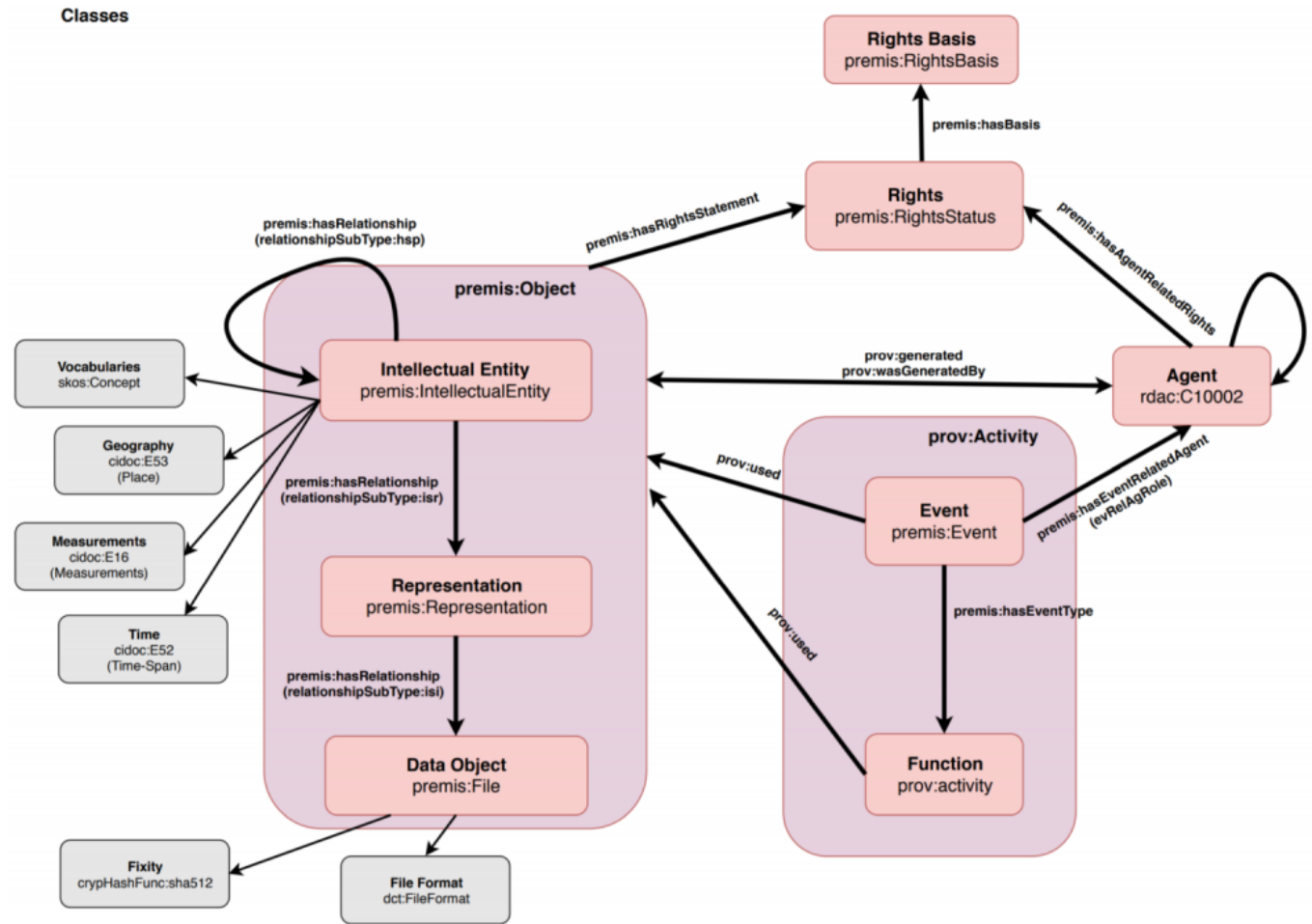
## Conceptual Model



## Classes

The class model of Matterhorn RDF is mainly based on the Premis 3 ontology and the library standard RDA (but not the FRBR data model). The Premis-Classes are enriched with attributes from other ontologies (mainly DC and RDA) to be able to model descriptive metadata.

## Classes



## Namespaces

| Name                                | Prefix       | URI                                                                                                                                                       |
|-------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Business Process Model and Notation | bpmn         | <a href="http://dkm.fbk.eu/index.php/BPMN_Ontology#">http://dkm.fbk.eu/index.php/BPMN_Ontology#</a>                                                       |
| CIDOC Conceptual Reference Model    | cidoc        | <a href="http://www.cidoc-crm.org/cidoc-crm/">http://www.cidoc-crm.org/cidoc-crm/</a>                                                                     |
| Cryptographic Hash Functions        | crypHashFunc | <a href="http://id.loc.gov/vocabulary/preservation/cryptographicHashFunctions/">http://id.loc.gov/vocabulary/preservation/cryptographicHashFunctions/</a> |
| Dublin Core                         | dc           | <a href="http://purl.org/dc/elements/1.1/">http://purl.org/dc/elements/1.1/</a>                                                                           |
| DC Terms                            | dct          | <a href="http://purl.org/dc/terms/">http://purl.org/dc/terms/</a>                                                                                         |
| LoC Event Relations Agent Role      | evRelAgRole  | <a href="http://id.loc.gov/vocabulary/preservation/linkingAgentRoleEvent/">http://id.loc.gov/vocabulary/preservation/linkingAgentRoleEvent/</a>           |
| LoC Event Type                      | evType       | <a href="http://id.loc.gov/vocabulary/preservation/eventType/">http://id.loc.gov/vocabulary/preservation/eventType/</a>                                   |
| Ebucore                             | ebucore      | <a href="http://www.ebu.ch/metadata/ontologies/ebucore/ebucore#">http://www.ebu.ch/metadata/ontologies/ebucore/ebucore#</a>                               |
| OWL                                 | owl          | <a href="http://www.w3.org/2002/07/owl#">http://www.w3.org/2002/07/owl#</a>                                                                               |
| Pronom                              | pronom       | <a href="http://www.nationalarchives.gov.uk/pronom/">http://www.nationalarchives.gov.uk/pronom/</a>                                                       |
| Provenance-Family PROV              | prov         | <a href="http://www.w3.org/ns/prov#">http://www.w3.org/ns/prov#</a>                                                                                       |
| Premis                              | premis       | <a href="http://id.loc.gov/vocabulary/preservation">http://id.loc.gov/vocabulary/preservation</a>                                                         |
| RDA Unconstrained properties        | rdau         | <a href="http://rdaregistry.info/Elements/u/">http://rdaregistry.info/Elements/u/</a>                                                                     |

| Name                                      | Prefix     | URI                                                                                                                                         |
|-------------------------------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| RDA Class hierarchies                     | rdac       | <a href="http://rdaregistry.info/Elements/c/">http://rdaregistry.info/Elements/c/</a>                                                       |
| RDF                                       | rdf        | <a href="http://www.w3.org/1999/02/22-rdf-syntax-ns#">http://www.w3.org/1999/02/22-rdf-syntax-ns#</a>                                       |
| LoC Relations Sub Type LOC                | relSubType | <a href="http://id.loc.gov/vocabulary/preservation/relationshipSubType/">http://id.loc.gov/vocabulary/preservation/relationshipSubType/</a> |
| SKOS Simple Knowledge Organization System | skos       | <a href="http://www.w3.org/2004/02/skos/core#">http://www.w3.org/2004/02/skos/core#</a>                                                     |
| Time Ontology in OWL                      | time       | <a href="http://www.w3.org/2006/time#">http://www.w3.org/2006/time#</a>                                                                     |

(Searching for namespaces? Go to <http://prefix.cc>)

## Classes

| Intellectual Concept                            | Class                     |
|-------------------------------------------------|---------------------------|
| Activity                                        | prov:Activity             |
| Agent                                           | rdac:C10002               |
| Event (Subclass of prov:Activity)               | premis:Event              |
| File Format                                     | dct:FileFormat            |
| Fixity Information                              | premis:fixity             |
| Data Object (Subclass of premis:Object)         | premis:File               |
| Intellectual Entity (Subclass of premis:Object) | premis:IntellectualEntity |
| Representation (Subclass of premis:Object)      | premis:Representation     |
| Rights                                          | premis:RightsStatus       |
| Rights Basis                                    | premis:RightsBasis        |

## Activity

An activity is a generic term for work that a person or an organization performs. An activity can be atomic or non-atomic (compound). The types of activities that are a part of a Process Model are: Process, Sub-Process, and Task.

**Class:** prov:Activity

| Property                        | Values                               | Standard                                       |
|---------------------------------|--------------------------------------|------------------------------------------------|
| bpmn:has_activity_activity_type | Literal (Process, Sub-Process, Task) | ISDF 1.1 Function Type                         |
| dc:title                        | Literal                              | ISDF 1.2 Name                                  |
| dct:alternative                 | Literal                              | ISDF 1.3 Parallel Name;<br>ISDF 1.4 Other Name |

| Property                            | Values                                                         | Standard                                                                             |
|-------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------|
| bpmn:has_BPMN_element_category      | Literal                                                        | ISDF 1.5 Classification (classify the function according to a classification scheme) |
| dc:date                             | Literal                                                        | ISDF 2.1 Date (identify the date or range of dates of the function)                  |
| dct:issued                          | Literal                                                        | ISDF 2.1 Date of issuance / enactment of the activity                                |
| dct:valid                           | Literal                                                        | ISDF 2.1 Date (often a range) of validity of an activity                             |
| bpmn:has_BPMN_element_documentation | Literal                                                        | ISDF 2.2 Description                                                                 |
| rdau:P60491                         | Literal                                                        | ISDF 2.3 History; RDA „has history of the resource“                                  |
| dct:rights                          | Literal                                                        | ISDF 2.4 Legislation                                                                 |
| pcdm:hasRelatedObject               | URI of linked bpmn:activity (via its bpmn:has_BPMN_element_id) | ISDF 3.1 Related activity                                                            |
| bpmn:has_BPMN_element_id            | Literal                                                        | ISDF 4.1 Function Identifier                                                         |
| bpmn:has_activity_performers        | Literal or URI of premis:agent                                 | ISDF 4.2 Responsible Agent                                                           |
| dct:conformsTo                      | Literal                                                        | ISDF 4.3 Rules & Conventions                                                         |
| dct:hasVersion                      | Literal                                                        | ISDF 4.4 Status of description (draft, final)                                        |
| dct:language                        | Literal                                                        | ISDF 4.7 Language of description                                                     |
| dct:source                          | Literal                                                        | ISDF 4.8 Sources consulted for description                                           |
| dct:modified                        | Literal                                                        | ISDF 4.9 Maintenance notes                                                           |

## Agent

The „Agent“-class of RDA (rdac:C10002) can be divided into the subclasses Person (rdac:C10004), Corporate Body (rdac:C10005) and Family (rdac:C10008), see: <https://www.rdaregistry.info/rgAbout/rdaont/ontHierarchies.html>. The Matterhorn RDF-model includes only the top class rdac:C10002 and describes it with unconstrained RDAU-properties. It's of course open to the user to divide rdac:C10002 into its subclasses if more granularity is needed.

**Class:** rdac:C10002

| Property                    | Values                                                          | Standard                                                         |
|-----------------------------|-----------------------------------------------------------------|------------------------------------------------------------------|
| <a href="#">rdau:P60047</a> | Literal (person, family, organization, software, algorithm, AI) | ISAAR 1.1 Type of entity; RDA „has type of agent“                |
| <a href="#">rdau:P60368</a> | Literal                                                         | ISAAR 1.2 Name; RDA „has name of agent“                          |
| <a href="#">rdau:P60119</a> | Literal                                                         | ISAAR 1.3, 1.5; RDA „has variant name for corporate body“        |
| <a href="#">rdau:P60549</a> | Literal                                                         | ISAAR 1.4; RDA „has preferred name for agent“                    |
| <a href="#">rdau:P60053</a> | Literal (e.g. UUID)                                             | ISAAR 1.6; RDA „has identifier for agent“                        |
| <a href="#">rdau:P60524</a> | Literal                                                         | ISAAR 2.1; RDA „has date of establishment“                       |
| <a href="#">rdau:P60525</a> | Literal                                                         | ISAAR 2.1; RDA „has date of termination“                         |
| <a href="#">rdau:P60599</a> | Literal                                                         | ISAAR 2.1; RDA „has date of birth“                               |
| <a href="#">rdau:P60598</a> | Literal                                                         | ISAAR 2.1; RDA „has date of death“                               |
| <a href="#">rdau:P60484</a> | Literal                                                         | ISAAR 2.2; RDA „has agent history“                               |
| <a href="#">rdau:P60325</a> | Literal                                                         | ISAAR 2.3; RDA „has place associated with agent“                 |
| <a href="#">rdau:P60370</a> | Literal                                                         | ISAAR 2.4-2.6; RDA „has other designation associated with agent“ |
| dct:conformsTo              | Literal                                                         | ISAAR 4.3 Rules & Conventions                                    |
| dct:hasVersion              | Literal                                                         | ISAAR 4.4 Status of description (draft, final)                   |
| dct:language                | Literal                                                         | ISAAR 4.7 Language of description                                |
| dct:source                  | Literal                                                         | ISAAR 4.8 Sources consulted for description                      |
| dct:modified                | Literal                                                         | ISAAR 4.9 Maintenance notes                                      |

## Event

### Class: [premis:Event](#)

The event type is expressed by subclasses of [premis:Event](#), declared at <http://id.loc.gov/vocabulary/preservation/eventType>

| Property                           | Values                                                                                                                                                                               | Standard           |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| dc:date                            | Literal                                                                                                                                                                              | Timestamp of event |
| <a href="#">premis:note</a>        | Literal                                                                                                                                                                              | Event detail       |
| <a href="#">premis:outcome</a>     | Literal or <a href="#">premis:OutcomeStatus</a> or <a href="http://id.loc.gov/vocabulary/preservation/eventOutcome">http://id.loc.gov/vocabulary/preservation/eventOutcome</a> (TBD) | Event outcome      |
| <a href="#">premis:outcomeNote</a> | Literal                                                                                                                                                                              | Event outcome note |
| <a href="#">evRelAgRole:exe</a>    | Literal or URI of Agent                                                                                                                                                              | Executing Software |
| <a href="#">evRelAgRole:aut</a>    | Literal or URI of Agent                                                                                                                                                              | Authorizing Agent  |
| prov:used                          | URI of <a href="#">premis:Object</a>                                                                                                                                                 |                    |

## File Format

**Class:** dct:FileFormat

| Property                       | Values  | Standard                                                                |
|--------------------------------|---------|-------------------------------------------------------------------------|
| rdfs:label                     | Literal | File format name                                                        |
| <a href="#">premis:version</a> | Literal | File format version                                                     |
| <a href="#">premis:note</a>    | Literal | File format notes                                                       |
| ebucore:hasMimeType            | Literal | MIME-Type                                                               |
| owl:sameAs                     | URI     | Link to external description of file format eg. in Pronom file registry |

## Fixity

**Class:** The LoC classes for [cryptographic hash functions](#) like [crypHashFunc:md5](#) or [crypHashFunc:sha512](#) are subclasses of [premis:fixity](#).

Fixity-information is attached to a data object [premis:file](#).

| Property    | Values                  | Standard                          |
|-------------|-------------------------|-----------------------------------|
| rdf:value   | Literal                 | Value of message digest algorithm |
| dct:creator | Literal or URI of Agent | Message digest originator         |

## Object, Representation and File

**Class:** [premis:Object](#) and subclasses [premis:IntellectualEntity](#), [premis:Representation](#), [premis:File](#)

### ISAD(G)

| Property              | Values                                                          | Standard                                    | Accessor            | EAD 2002                                     |
|-----------------------|-----------------------------------------------------------------|---------------------------------------------|---------------------|----------------------------------------------|
| rdau:P60049           | Literal either „root“ or „node“                                 | categorization                              |                     |                                              |
| premis:objectCategory | Literal either „IntellectualEntity“, „Representation“ or „File“ |                                             |                     |                                              |
| dc:identifier         | Literal                                                         | ISAD 1.1                                    | refCode             | EAD:did/EAD:unitid[@type = 'refCode']        |
| dc:title              | Literal                                                         | ISAD 1.2; RDA „has title“                   | unitTitle           | EAD:did/EAD:unittitle[@label = 'main']       |
| rdau:P60493           | Literal                                                         | ISAD 1.2; RDA „has other title information“ | unitTitleAdditional | EAD:did/EAD:unittitle[@label = 'additional'] |
| rdau:P60515           | Literal                                                         | ISAD 1.2; RDA „has title proper“            | unitTitleOriginal   | EAD:did/EAD:unittitle[@label = 'original']   |
| rdau:P60355           | Literal                                                         | ISAD 1.2; RDA „has variant title“           | unitTitleVarying    | EAD:did/EAD:unittitle[@label = 'varying']    |
| rdau:P60597           | Literal                                                         | ISAD 1.2; RDA „has key title“               | uniformTitle        | EAD:did/EAD:unittitle[@label = 'uniform']    |

| Property                | Values                                   | Standard                                                           | Accessor                              | EAD 2002                                         |
|-------------------------|------------------------------------------|--------------------------------------------------------------------|---------------------------------------|--------------------------------------------------|
| dc:date                 | Literal                                  | ISAD 1.3                                                           | date                                  | EAD:did/EAD:unitdate[@label = 'date']            |
| time:hasBeginning       | Literal                                  | ISAD 1.3                                                           | from                                  |                                                  |
| time:hasEnd             | Literal                                  | ISAD 1.3                                                           | to                                    |                                                  |
| dc:type                 | Literal                                  | ISAD 1.4                                                           | otherLevelName                        | [@level = 'otherlevel']/@otherlevel              |
| rdau:P60550             | Literal                                  | ISAD 1.5; RDA „has extent“                                         | extent                                | EAD:did/EAD:physdesc/EAD:extent[not(@type)]      |
| rdau:P60134             | Literal                                  | ISAD 1.5; RDA „has note on extent of resource“                     | extentNote                            | EAD:did/EAD:physdesc/EAD:extent[@type = 'note']  |
| rdau:P60539             | Literal                                  | ISAD 1.5; RDA „has dimensions“                                     | dimensions                            | EAD:did/EAD:physdesc/EAD:dimensions              |
| rdau:P60159             | Literal                                  | ISAD 1.5; RDA „has applied material“                               | material                              | EAD:did/EAD:physdesc/EAD:physfacet               |
| prov:wasGeneratedBy     | Literal or URI of rdac:C10002            | ISAD 2.1                                                           | origination                           |                                                  |
| rdau:P60484             | Literal                                  | ISAD 2.2; RDA „has agent history“                                  | biographicalHistory                   | EAD:bioghist/EAD:p                               |
| rdau:P60176             | Literal                                  | ISAD 2.3; RDA „has custodial history of resource“                  | archivalHistory                       | EAD:custodhist/EAD:p                             |
| rdau:P60583             | Literal                                  | ISAD 2.4; RDA „„has immediate source of acquisition of resource“ „ | accessNr (eigentlich acquisitionInfo) | EAD:acqinfo/EAD:p                                |
| dc:description          | Literal                                  | ISAD 3.1                                                           | scopeContent                          | EAD:scopecontent/EAD:p                           |
| dct:accrualPolicy       | Literal                                  | ISAD 3.2                                                           | appraisalAndDestruction               | EAD:appraisal/EAD:p                              |
| dct:accrualMethod       | Literal                                  | ISAD 3.3                                                           | accruals                              | EAD:accruals/EAD:p                               |
| rdau:P60348             | Literal                                  | ISAD 3.4; RDA „has system of organization“                         | arrangement                           | EAD:arrangement/EAD:p                            |
| premis:hasRightsGranted | Literal or URI of premis:RightsStatement | ISAD 4.1                                                           | accessRestriction                     | EAD:accessrestrict[@type = 'restrictions']/EAD:p |
| premis:hasRightsGranted | Literal or URI of premis:RightsStatement | ISAD 4.2                                                           | conditionsOfReproductions             | EAD:userrestrict/EAD:p                           |
| dct:language            | Literal                                  | ISAD 4.3                                                           | language                              | EAD:did/EAD:langmaterial/EAD:language            |
| rdau:P60528             | Literal                                  | ISAD 4.4; RDA „has equipment or system requirement“                | characteristics                       | EAD:phystech/EAD:p                               |
| rdau:P60262             | Literal                                  | ISAD 4.5; RDA „is finding aid“                                     | findingAids                           | EAD:otherfindaid/EAD:p                           |
| dct:isVersionOf         | Literal or URI of pcdm:object            | ISAD 5.1                                                           | locationOfOriginals                   | EAD:originalsloc/EAD:p                           |
| rdau:P60272             | Literal or URI of pcdm:object            | ISAD 5.2; RDA „is reproduced as“                                   | reproductions                         | EAD:altformavail/EAD:p                           |
| pcdm:hasRelatedObject   | URI of pcdm:object                       | ISAD 5.3                                                           | relatedMaterial                       | EAD:relatedmaterial/EAD:p                        |
| rdau:P60333             | Literal                                  | ISAD 5.4; RDA „has publication statement“                          | bibliography                          | EAD:bibliography/EAD:p                           |
| rdau:P60470             | Literal                                  | ISAD 6.1; RDA „has note on resource“                               | comment                               | EAD:note/EAD:p                                   |
| dct:conformsTo          | Literal                                  | ISAD 7.2 Rules & Conventions                                       | descriptionRules                      | EAD:processinfo[@type = 'rules']/EAD:p           |
| dct:modified            | Literal                                  | ISAD 7.3                                                           |                                       |                                                  |

**Non-ISAD(G)-properties for objects**

| Property       | Values                        | Standard                                                                                                  | Accessor      | EAD 2002                                            |
|----------------|-------------------------------|-----------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------------------|
| dct:format     | Literal                       | Dateifformat                                                                                              | format        | EAD:did/EAD:physdesc[@label = 'format']             |
| rdau:P60073    | Literal                       | RDA „has date of publication“                                                                             |               |                                                     |
| rdau:P60163    | Literal                       | RDA „has place of publication“                                                                            |               |                                                     |
| rdau:P60518    | Literal                       | RDA „Relates a work to a chronological or geographic coverage of the content of a resource.“; rdaw:P10216 |               |                                                     |
| rdau:P60061    | Literal                       | RDA „Has host institution“; rdaw:P10007                                                                   | institution   | EAD:controlaccess/EAD:corpname                      |
| rdau:P60203    | Literal or URI of pcdm:object | RDA „is abstracted as“                                                                                    | abstract      | EAD:did/EAD:abstract                                |
| rdau:P60434    | Literal                       | RDA „has author“                                                                                          | author        | EAD:controlaccess/EAD:persname[@role = 'author']    |
| rdau:P60444    | Literal                       | RDA „has publisher“                                                                                       | publisher     | EAD:controlaccess/EAD:name[@role = 'publisher']     |
| rdau:P60483    | Literal                       | RDA „has granting institution or faculty“                                                                 | fundingSource | EAD:controlaccess/EAD:name[@role = 'fundingSource'] |
| pcdm:hasMember | URI of pcdm:object            | Link to Childelements                                                                                     |               |                                                     |

**Technical Metadata for objects**

| Property                                | Values  | Standard                                                                    |
|-----------------------------------------|---------|-----------------------------------------------------------------------------|
| ebucore:filename                        | Literal | File name                                                                   |
| <a href="#">premis:compositionLevel</a> | Literal | 0 = basic object or if there is only one compositionLevel in the repository |
| ebucore:fileSize                        | Literal | File size in Byte                                                           |
| ebucore:dateCreated                     | Literal | create date                                                                 |
| ebucore:dateModified                    | Literal | last modified date                                                          |
| <a href="#">premis:originalName</a>     | Literal | original name of file                                                       |

| Property       | Values | Standard                                                                             |
|----------------|--------|--------------------------------------------------------------------------------------|
| dct:FileFormat | URI    | Description of file format                                                           |
| premis:fixity  | URI    | Link to fixity information encoded in premis:fixity subclasses like crypHashFunc:MD5 |
| rdac:C10002    | URI    | Application used to create the file                                                  |

## Rights

**Class:** `premis:RightsStatus`

| Property                         | Values  | Standard                                                                             |
|----------------------------------|---------|--------------------------------------------------------------------------------------|
| <a href="#">premis:allows</a>    | Literal |                                                                                      |
| <a href="#">premis:prohibits</a> | Literal |                                                                                      |
| <a href="#">premis:basis</a>     | URI     | Links from a RightsStatus to the RightsBasis instance that supports or documents it. |
| <a href="#">premis:endDate</a>   | Literal |                                                                                      |
| <a href="#">premis:startDate</a> | Literal |                                                                                      |

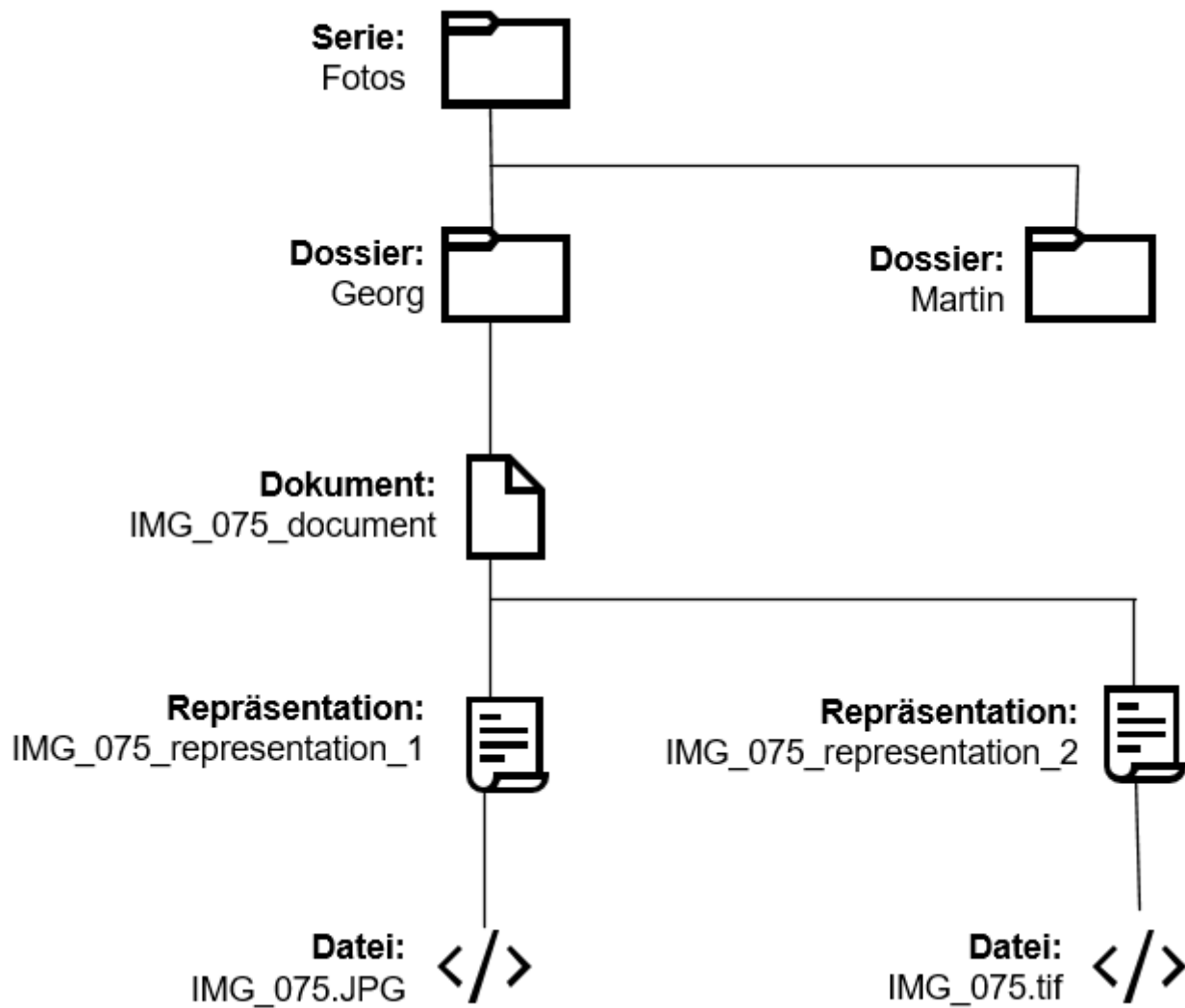
## Rights Basis

**Class:** `premis:RightsBasis`

Specifies the rights basis of any rights statement that is expressed in `premis:RightsStatus`. To describe copyrights, licences, statute (law that grants or revokes rights) or institutional policies use the respective PREMIS Subclasses.

| Property                            | Values         | Standard                                       |
|-------------------------------------|----------------|------------------------------------------------|
| <a href="#">premis:jurisdiction</a> | Literal or URI | Jurisdiction to which the rights basis applies |
| <a href="#">premis:note</a>         | Literal        | Free-text note about the rights basis          |

## Example



```

@prefix cryptoHashFunc:
<http://id.loc.gov/vocabulary/preservation/cryptographicHashFunctions> .
@prefix dct: <http://purl.org/dc/terms/> .
@prefix dc: <http://purl.org/dc/elements/1.1/> .
@prefix ebucore: <http://www.ebu.ch/metadata/ontologies/ebucore/ebucore#> .
@prefix evRelAgRole:
<http://id.loc.gov/vocabulary/preservation/linkingAgentRoleEvent/> .
@prefix evType: <http://id.loc.gov/vocabulary/preservation/eventType> .
@prefix owl: <http://www.w3.org/2002/07/owl#> .
@prefix premis: <http://id.loc.gov/vocabulary/preservation/> .
@prefix pronom: <http://reference.data.gov.uk/technical-registry/> .
@prefix prov: <http://www.w3.org/ns/prov#> .
@prefix rdac: <http://rdaregistry.info/Elements/c/> .
@prefix rdau: <http://rdaregistry.info/Elements/u/> .
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
@prefix relSubType:
<http://id.loc.gov/vocabulary/preservation/relationshipSubType/> .
@prefix time: <http://www.w3.org/2006/time#> .

```

```
# ===== intellectual entities
<_20180417150218369> a premis:IntellectualEntity ;
    ebucore:filename "Fotos" ;
    relSubType:hsp <_20180417150218421> ;
    relSubType:hsp <_20180417150218728> ;
    dc:title "Titel der Serie" ;
    dc:identifier "A-01" ;
    dc:type "Serie" ;
    time:hasBeginning "20120000" ;
    time:hasEnd "20140000" ;
    dct:language "deutsch" ;
    rdau:P60484 "administrative history" ;
    rdau:P60176 "the archival history" ;
    rdau:P60583 "Source of acquisition" ;
    dc:description "ISAD 3.1 for Scope and content" ;
    dct:accrualPolicy "Appraisal" .

<_20180417150218421> a premis:IntellectualEntity ;
    ebucore:filename "Georg" ;
    relSubType:hsp <_20180417150218464> ;
    dc:title "description of the dossier" ;
    dc:type "Dossier" .

<_20180417150218728> a premis:IntellectualEntity ;
    dc:title "Martin" ;
    ebucore:filename "Martin" ;
    dc:type "Dossier" .

<_20180417150218464> a premis:IntellectualEntity ;
    relSubType:hsp <_20180417150218516> ;
    relSubType:hsp <_20180430153716970> ;
    ebucore:filename "IMG_075_document" ;
    dc:type "Dokument" ;
    dc:date "20120610" ;
    dc:title "Das ist der Titel des Dokument" ;
    prov:wasGeneratedBy <Georg_Buechler> .

# ===== representations
<_20180417150218516> a premis:Representation ;
    relSubType:isr <IMG_075_file1> ;
    ebucore:filename "IMG_075_representation_1" ;
    dc:title "Representation 1" .

<_20180430153716970> a premis:Representation ;
    relSubType:isr <IMG_075_file2> ;
    ebucore:filename "IMG_075_representation_2" ;
    dc:title "Representation 2" .

# ===== files
<IMG_075_file1> a premis:File ;
    ebucore:filename "IMG_075.JPG" ;
```

```

    premis:hasCompositionLevel "0" ;
    ebucore:hasSize "1609735" ;
    premis:hasOriginalName "IMG_075.JPG" ;
    dct:FileFormat <fmt/43> ;
    premis:hasFixity <IMG_075_file1_fixity> .

<IMG_075_file2> a premis:File ;
    ebucore:filename "IMG_075.tif" ;
    premis:hasCompositionLevel "0" ;
    ebucore:hasSize "6370960" ;
    dct:FileFormat <fmt/353> ;
    premis:hasFixity <IMG_075_file2_fixity> .

# ===== fixity
<IMG_075_file1_fixity> a crypHashFunc:sha512 ;
    rdf:value "1e0d392f890b635c507a35962b49b80e1c580ed4..." .

<IMG_075_file2_fixity> a crypHashFunc:sha512 ;
    rdf:value "5fe3a08a12e3709c11a2f4f09a4d624d60908cbe..." .

# ===== file format
<fmt/43> a dct:FileFormat ;
    rdfs:label "JPEG File Interchange Format" ;
    premis:formatVersion "1.01" ;
    ebucore:hasMimeType "image/jpeg" ;
    owl:sameAs <https://www.nationalarchives.gov.uk/pronom/fmt/42> .

<fmt/353> a dct:FileFormat ;
    rdfs:label "Tagged Image File Format" ;
    ebucore:hasMimeType "image/tiff" ;
    owl:sameAs <https://www.nationalarchives.gov.uk/pronom/fmt/353> .

# ===== events
<_20180417150218685> a evType:creation ;
    dct:date: "2018-04-17T15:02:18" ;
    evRelAgRole:exe <docuteam darc_2.18.14> ;
    evRelAgRole:aut "t.wildi" ;
    premis:hasOutcome: "Success" ;
    prov:used "IMG_075_file1" .

<_20180417150218685> a evType:creation ;
    dct:date: "2018-04-17T15:02:18" ;
    evRelAgRole:exe <docuteam darc_2.18.14> ;
    evRelAgRole:aut "t.wildi" ;
    premis:hasOutcome: "Success" ;
    prov:used "IMG_075_file2" .

# ===== agents
<Georg_Buechler> a rdac:C10002 ;
    rdau:P60047 "person" ;

```

```
rdau:P60368 "Büchler, Georg" ;
rdau:P60599 "1.1.1111" ;
rdau:P60484 "Studium: 1995-2001 Griechische Sprache und Literatur,
Klassische Archäologie und Informatik an den Universitäten Fribourg und
Athen" .
owl:sameAs <http://d-nb.info/gnd/128413468>
owl:sameAs <https://viaf.org/viaf/65058495/>

<docuteam darc_2.18.14> a rdac:C10002 ;
rdau:P60047 "software" ;
rdau:P60368 "docuteam darc" ;
dct:hasVersion "2.18.14" ;
dct:abstract "digital preservation software developped by
www.docuteam.ch, published under GPL3" .
```

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