Schema link:

<https://raw.githubusercontent.com/skowens/ARC-metadata/master/FinalSchema.xsd>

Explanatory Introduction

We have created a metadata schema utilizing PREMIS for our final project. This schema

was created after realizing a need to document the plans and renderings that architects create

for long-term storage and preservation. Research showed us that there was currently no

schema created for this specific purpose because very few cultural heritage organizations

accepted materials of this type. This schema would be utilized by architectural firms because

there are legal requirements for architectural firms to hold onto these materials for a

designated period of time.

This schema is meant for the architectural firms that are producing these files and

physical copies. Architects are making the metadata and it’ll be architects who are using this

metadata. It will allow easier searchability for the members of the firm when it comes to initial

build, renovations, and planning.

We used PREMIS as the basis for our schema because we wanted to ensure the long-

term usability of these digital resources. Maintaining most of the PREMIS data dictionary, we

made our own modifications within PREMIS to make it more architecturally geared. Within the

object category we added a building characteristics attribute. This attribute provides building

location, building function, size, and building awards. For building function, we created a

controlled vocabulary derived from architect’s magazine. We also added the attribute of

project characteristics to include details such as client, project type, project description, and

project date. For project type, we created a controlled vocabulary derived from architect’s

magazine. Lastly, for the object category we included the structural unit type.

**1.0 Objects**

1.1 **Object Identifier** (M, R)

1.1.1 **Object Identifier Type** (M, NR)

1.1.2 **Object Identifier Value** (M, NR)

1.2 **Object Category** (M, NR)

1.3 **Significant Properties** (O,R)

1.4.1 **Significant Properties Type** (O, NR)

1.4.2 **Significant Properties Value** (O, NR)

1.4.3 **Significant Properties Extension** (O, R)

1.4 **File Characteristics** (M, R) [File]

1.4.1 **Composition Level** (Optional, Not repeatable) [File]

1.4.2 **Fixity** (O, R) [File]

1.4.2.1 **Message Digest Algorithm** (M, NR) [File]

1.4.2.2 **Message Digest** (M, NR) [File]

1.4.2.3 **Message Digest Originator** (O, NR) [File]

1.4.3 **Size** (O, NR) [File]

1.4.4 **Format** (M, R) [File]

1.4.4.1 **Format Name** (M, NR) [File]

1.4.4.2 **Format Version** (O, NR) [File]

1.4.5 **Content Description** (O, R) [File]

1.4.6 **Creating Application** (O, R)) [File]

1.4.6.1 **Creating Application Name** (O,NR) [File]

1.4.6.2 **Creating Application Version** (O, NR) [File]

1.4.6.3 **Date Created by Application** (O, NR) [File]

1.4.6.4 **Creating Application Extension** (O, R) [File]

1.4.7 **Preservation Status** (O,R) [Files]

1.4.8 **File Characteristics Extension** (O, R) [File]

1.5 **Original Name** (O, NR) [Intellectual Entity, Representation, File, Building]

1.6 **Storage** (O, R) [File]

1.6.1 **Content Location** (O, NR) [Representation, File]

1.6.1.1 **Content Location Type** (M, NR) [Representation, File]

1.6.1.2 **content Location Value** (M, NR) [Representation, File]

1.6.2 **Storage Medium** (O, NR) [Representation, File]

1.7 **Building Characteristics** (M, NR) [Building]

1.7.1 **Building Location** (M, NR) [Building]

1.7.1.1 **Coordinates** (O, R)

1.7.1.1.1 **Latitude** (O, R)

1.7.1.1.2 **Longitude** (O, R)

1.7.1.2 **Address** (O, NR)

1.7.1.2.1 **Street Address** (O, NR)

1.7.1.2.2 **City** (O, NR)

1.7.1.2.3 **State** (O, NR)

1.7.1.2.4 **Zip** (O,NR)

1.7.1.2.5 **Country** (O, NR)

1.7.2 **Building Function** (M, NR)

1.7.3 **Size** (O, NR)

1.7.4 **Building Awards** (O, R)

1.7.4.1 **Award Name** (M, NR)

1.7.4.2 **Award Year** (M, NR)

1.7.5 **Building Characteristics Extension** (O, R)

1.8 **Environment Designation** (O, R) [Software]

1.8.1 **Environment Name** (M, NR)[ Software]

1.8.2 **Environment Version** (O, NR)[Software]

1.8.3 **Environment Origin** (O, NR)[Software]

1.8.4 **Environment Designation Note** (O, R) [Software]

1.8.5 **Environment Designation Extension** (O, R) [Software]

1.9 **Environment Extension** (O, R) [ Software]

1.10 **Project Characteristics** (M, NR) [Project]

1.10.1 **Client** (M, R)

1.10.2 **Project Type** (M, R) [Project]

1.10.3 **Project Description** (O, NR) [Project]

1.10.4 **Project Date** (O, NR) [Project]

1.10.4.1 **Start Date** (M, NR) [Project]

1.10.4.2 **Completion Date** (M, NR) [Project]

1.11 **Structural Unit Type** (M, NR) [Structural Unit]

1.12 **Relationship** (O, R)

1.12.1 **Relationship Type** (M, NR)

1.12.2 **Relationship SubType** (M, NR)

1.12.3 **Related Object Identifier** (M, R)

1.12.3.1 **Related Object Identifier Type** (M, NR)

1.12.3.2 **Related Object Identifier Value** (M, NR)

1.12.3.3 **Related Object Sequence** (O, NR)

1.12.4 **Related Environment Purpose**(O, R)

1.12.5 **Related Environment Characteristic** (O, NR)

1.13 **Linking Rights Statement Identifier** (O, R)

1.13.1 **Linking Rights Statement Identifier Type** (M, NR)

1.13.2 **Linking Rights Statement Identifier Value** (M, NR)

1.14 **linkingAgentIdentifier** (O, R) [Project]

1.14.1 **linkingAgentIdentifierType** (M, NR)

1.14.2 **linkingAgentIdentifierValue** (M, NR)

1.14.3 **linkingAgentRole** (O, R)

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| Semantic Unit | ObjectIdentifier | | | | |
| Semantic Components | ObjectIdentifierType  OjectIdentifierValue | | | | |
| Definition | The structural element in which the identifier type and value are held. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

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| Semantic Unit | ObjectIdentifierType | | | | |
| Semantic Components | None | | | | |
| Definition | A designation of the domain within which the object identifier is  unique. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Mandatory | | | | |
| Obligation | Not repeatable | | | | |

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| Semantic Unit | ObjectIdentifierValue | | | | |
| Semantic Components | None | | | | |
| Definition | The value of the objectIdentifier. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Mandatory | | | | |
| Obligation | Not repeatable | | | | |

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| Semantic Unit | ObjectCategory | | | | |
| Semantic Components | None | | | | |
| Definition | The element which defines the type of object described. The options are: Building, Software, Project, Structural Unit, File. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

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| Semantic Unit | SignificantProperties | | | | |
| Semantic Components | SignificantPropertiesType, SignificantPropertiesValue, SignificantPropertiesExtension | | | | |
| Definition | Structural element used to capture descriptive information about the item described. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | SignificantPropertiesType | | | | |
| Semantic Components | None | | | | |
| Definition | The type of descriptive information provided. Example: color | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | SignificantPropertiesValue | | | | |
| Semantic Components | None | | | | |
| Definition | The type of descriptive information provided. Example: sepia | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | SignificantPropertiesExtension | | | | |
| Semantic Components | None | | | | |
| Definition | A semantic unit to include any extended information about the significant properties. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | FileCharacteristics | | | | |
| Semantic Components | Composition Level, Fixity, Size, Format, CreatingApplication, ObjectCharacteristicsExtension | | | | |
| Definition | Technical properties of a file that are applicable to all or most formats. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Mandatory | | | | |

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| Semantic Unit | CompositionLevel | | | | |
| Semantic Components | None | | | | |
| Definition | An indication of whether the file is subject to one or more processes of decoding or unbundling. Should be indicated using the following values, 0, 1, 2, or Unknown. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | Fixity | | | | |
| Semantic Components | MessageDigestAlgorithm, MessageDigest, MessageDigestOriginator | | | | |
| Definition | Semantic unit used to include Information used to verify whether an object has been altered in an undocumented or unauthorized way. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | MessageDigestAlgorithm | | | | |
| Semantic Components | None | | | | |
| Definition | The specific algorithm used to construct the message digest for the digital object. Use the following controlled vocabulary: <http://id.loc.gov/vocabulary/preservation/cryptographicHashFunctions.html> | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

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| Semantic Unit | MessageDigest | | | | |
| Semantic Components | None | | | | |
| Definition | The output of the message digest algorithm. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

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| Semantic Unit | MessageDigestOriginator | | | | |
| Semantic Components | None | | | | |
| Definition | The Agent that created the original message digest that is compared in a fixity check. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | Size | | | | |
| Semantic Components | None | | | | |
| Definition | The size of the file given in bytes. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | Format | | | | |
| Semantic Components | FormatName, FormatVersion | | | | |
| Definition | Identification of the format of a file where format is defined as the organization of digital information according to preset specifications. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Mandatory | | | | |

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| Semantic Unit | FormatName | | | | |
| Semantic Components | None | | | | |
| Definition | A commonly accepted name for the format of the file. Example: DWG | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

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| Semantic Unit | FormatVersion | | | | |
| Semantic Components | None | | | | |
| Definition | Definition The version of the format named in formatName. Example: 2013 | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | ContentDescription | | | | |
| Semantic Components | A description of what type of architectural content the file contains. Example: details, visualization, schedule. | | | | |
| Definition | Description of what’s represented in the drawings | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | CreatingApplication | | | | |
| Semantic Components | CreatingApplicationName, CreatingApplicationVersion, DateCreatedbyApplication, CreatingApplicationExtension | | | | |
| Definition | A semantic unit which contains information about the application that created the file. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | CreatingApplicationName | | | | |
| Semantic Components | None | | | | |
| Definition | A designation for the name of the software program that created the file. Example: AutoCAD | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | CreatingApplicationVersion | | | | |
| Semantic Components | None | | | | |
| Definition | The version of the software program that created the file. Example: 18.1 | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | DateCreatedByApplication | | | | |
| Semantic Components | None | | | | |
| Definition | The actual or approximate date and time the file was created given in ISO standard. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | CreatingApplicationExtension | | | | |
| Semantic Components | None | | | | |
| Definition | Semantic unit to included extended information about the creating application. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | PreservationStatus | | | | |
| Semantic Components | None | | | | |
| Definition | Describes whether the file described is a use or archived version. Use the following controlled vocabulary: use, archived | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | FileCharacteristicsExtension | | | | |
| Semantic Components | None | | | | |
| Definition | A container to include semantic units about the file defined outside of ARC. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | OriginalName | | | | |
| Semantic Components | None | | | | |
| Definition | Captures information related to any name changes. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | Storage | | | | |
| Semantic Components | Content Location, Storage Medium | | | | |
| Definition | Captures where a file or Structural unit is stored. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | ContentLocation | | | | |
| Semantic Components | ContentLocationType, ContentLocationValue | | | | |
| Definition | Semantic unit that includes Information needed to retrieve a file from it physical or networked storage location. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | ContentLocationType | | | | |
| Semantic Components | None | | | | |
| Definition | A description how the actual location will be given. Example: URI, file path | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

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| Semantic Unit | ContentLocationValue | | | | |
| Semantic Components | None | | | | |
| Definition | The actual location of the file. Example: <https://uofi.box.com/s/j4vzyu4eqes0ris3btwj5i0hh452pbr2>, dir/logs/HomeLogFile | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

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| Semantic Unit | StorageMedium | | | | |
| Semantic Components | None | | | | |
| Definition | The physical medium on which the object is stored (e.g., magnetic tape, hard disk, CD-ROM, DVD). | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable | Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | BuildingCharacteristics | | | | |
| Semantic Components | BuildingLocation, BuildingFunction | | | | |
| Definition | Captures basic information about the building described. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

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| Semantic Unit | BuildingLocation | | | | |
| Semantic Components | Coordinates, Address | | | | |
| Definition | Describes the geographic location of the building. It can be given by either coordinates or address. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

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| Semantic Unit | Coordinates | | | | |
| Semantic Components | Latitude, Longitude | | | | |
| Definition | Container that includes the coordinates for the physical location of the building. Can be repeated to identify multiple coordinate points for the boundaries of the building. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | Latitude | | | | |
| Semantic Components | None | | | | |
| Definition | Latitudinal dimension of the location. It should be expressed in decimal degrees (positive north). | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | Longitude | | | | |
| Semantic Components | None | | | | |
| Definition | Longitudinal dimension of the location. It should be expressed in decimal degrees (positive east). | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | Address | | | | |
| Semantic Components | Street address, City, State, Country | | | | |
| Definition | Container that includes the address for the physical location of the building. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | StreetAddress | | | | |
| Semantic Components | None | | | | |
| Definition | The street number and street on which the building is located. Example: 1408 W. Gregory Dr. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | City | | | | |
| Semantic Components | None | | | | |
| Definition | The city in which the building is located. Example: Urbana | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | State | | | | |
| Semantic Components | None | | | | |
| Definition | The state in which the building is located, when applicable for the country. It can also be used to designate the province or other subunit under the jurisdiction of the country. Example: Illinois | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | Zip | | | | |
| Semantic Components | None | | | | |
| Definition | The zip code in which the building is located, when applicable for the country. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | Country | | | | |
| Semantic Components | None | | | | |
| Definition | Country in which the building is located given by ISO country code. Example: USA | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | BuildingFunction | | | | |
| Semantic Components | None | | | | |
| Definition | The function and/or use of the building. Use the following controlled vocabulary -  *Commercial, Community, Cultural, Education, Entertainment, Government, Healthcare, Hospitality, Industrial, Infrastructure, Multifamily, Office, Other, Planning, Religious, Retail, Single Family, Sports, Transportation* | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | BuildingSize | | | | |
| Semantic Components | None | | | | |
| Definition | Building area given in square feet. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | BuildingAwards | | | | |
| Semantic Components | AwardName, AwardYear | | | | |
| Definition | Structural element to record awards and honors given to a building. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not applicable | Applicable | Not applicable | Not applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | AwardName | | | | |
| Semantic Components | None | | | | |
| Definition | Name of award or granting organization. Example: American Institute of Architects | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not applicable | Applicable | Not applicable | Not applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | AwardYear | | | | |
| Semantic Components | None | | | | |
| Definition | Date given in ISO Standard. Example: 2018 | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not applicable | Applicable | Not applicable | Not applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | BuildingCharacteristicsExtension | | | | |
| Semantic Components | None | | | | |
| Definition | Semantic unit to include extended descriptive information about the building. | | | | |
| Object Category | File | Software | Building | Project | Structural Unit |
| Applicable | Not Applicable | Not Applicable | Applicable | Not applicable | Not applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | EnvironmentDesignation | | | | |
| Semantic Components | EnvironmentName, EnvironmentVersion, EnvironmentOrigin, EnvironmentDesignationNote, EnvironmentDesignationExtension | | | | |
| Definition | Semantic unit that includes information identifying the environment used to render or execute an object | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | EnvironmentDesignationName | | | | |
| Semantic Components | None | | | | |
| Definition | A commonly accepted name used to describe the environment. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | EnvironmentDesignationVersion | | | | |
| Semantic Components | None | | | | |
| Definition | Version of the environment. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | EnvironmentOrigin | | | | |
| Semantic Components | None | | | | |
| Definition | The origin of the environment referenced in environmentName. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | EnvironmentDesignationNote | | | | |
| Semantic Components | None | | | | |
| Definition | Any further information required to enhance the correct specification of the environment. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | EnvironmentDesignationExtension | | | | |
| Semantic Components | None | | | | |
| Definition | A container for describing the designation of an environment using semantic units defined outside of PREMIS. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | EnvironmentExtension | | | | |
| Semantic Components | None | | | | |
| Definition | A container to include semantic units defined outside of ARC. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | ProjectCharacteristics | | | | |
| Semantic Components | Client, Project Type, Project Description, Linking Agent, Project Date, | | | | |
| Definition | Structural element includes basic descriptions about a project. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | Client | | | | |
| Semantic Components | **None** | | | | |
| Definition | The client for which the project is being completed. The element can be repeated to include multiple clients. Example: XYZ corporation, John Doe | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | ProjectType | | | | |
| Semantic Components | None | | | | |
| Definition | Describes the type of project. Use the following controlled vocabulary: *adaptive reuse, addition/expansion, interiors, new construction, preservation/restoration, renovation/remodel* | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | ProjectDescription | | | | |
| Semantic Components | None | | | | |
| Definition | Allows for additional description of the project. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | ProjectDate | | | | |
| Semantic Components | Start Date, Completion Date | | | | |
| Definition | Container for the project start and completion dates. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | StartDate | | | | |
| Semantic Components | None | | | | |
| Definition | Date for the start of project given in ISO standard. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | CompletionDate | | | | |
| Semantic Components | None | | | | |
| Definition | Completion date of the project given in ISO standard. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Not Applicable | Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | StructuralUnitType | | | | |
| Semantic Components | None | | | | |
| Definition | Structural unit of a project. Use controlled vocabulary -- floor, room, exterior, stair | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

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| --- | --- | --- | --- | --- | --- |
| Semantic Unit | Relationship | | | | |
| Semantic Components | Relationship Type, Relationship Subtype, Related Object Identifier, Related Event Identifier, Related Environment Purpose, Related Environment Characteristic | | | | |
| Definition | Structural element allows you to document the relationship between objects so that you can show relationships between files, Structural units, buildings, projects, and intellectual entities. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | RelationshipType | | | | |
| Semantic Components | None | | | | |
| Definition | Definition A high-level categorization of the nature of the relationship. Use the following controlled vocabulary: <http://id.loc.gov/vocabulary/preservation/relationshipType.html> or <http://id.loc.gov/vocabulary/preservation/eventType>. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | RelationshipSubtype | | | | |
| Semantic Components | None | | | | |
| Definition | A specific characterization of the nature of the relationship documented in relationshipType. Use the following controlled vocabulary: <http://id.loc.gov/vocabulary/preservation/relationshipSubType.html> or <http://id.loc.gov/vocabulary/preservation/eventType>. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | RelatedObjectIdentifier | | | | |
| Semantic Components | Related Object Identifier Type, Related Object Identifier Value, Related Object Sequence | | | | |
| Definition |  | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | RelatedObjectIdentifierType | | | | |
| Semantic Components | None | | | | |
| Definition | The identifier and sequential context of the related Object. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | RelatedObjectIdentifierValue | | | | |
| Semantic Components | None | | | | |
| Definition | The value of the related Object identifier | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | RelatedObjectSequence | | | | |
| Semantic Components | None | | | | |
| Definition | The order of the related Object relative to other Objects with the same type of relationship. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | RelatedEnvironmentPurpose | | | | |
| Semantic Components | None | | | | |
| Definition | The use(s) supported by the related environment. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | RelatedEnvironmentCharacteristic | | | | |
| Semantic Components | None | | | | |
| Definition | An assessment of the extent to which the described environment  supports its purpose. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Not Applicable | Not Applicable | Not Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | LinkingRightsStatementIdentifier | | | | |
| Semantic Components | Linking Rights Statement Identifier Type, Linking Rights Statement Identifier Value | | | | |
| Definition | An identifier for a Rights statement associated with the object. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | LinkingRightsStatementIdentifierType | | | | |
| Semantic Components | None | | | | |
| Definition | A designation of the domain within which the linkingRightsStatementIdentifier is unique. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | LinkingRightsStatementIdentifierValue | | | | |
| Semantic Components | None | | | | |
| Definition | The value of the linkingRightsStatementIdentifier. | | | | |
| Object Category | File | Software | Building | Project | Structural unit |
| Applicable | Applicable | Applicable | Applicable | Applicable | Applicable |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingAgentIdentifier | | | | |
| Semantic Components | Linking Agent Type  Linking Agent Value  Linking Agent Role | | | | |
| Definition | Identification of one or more Agents associated with the Organization. | | | | |
| Object Category | File | Software | Building | Project | Structural Unit |
| Applicable | Not applicable | Not applicable | Not applicable | Applicable | Not applicable |
| Repeatability | Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingAgentType | | | | |
| Semantic Components | None | | | | |
| Definition | A designation of the domain in which the linking Agent identifier is unique. | | | | |
| Object Category | File | Software | Building | Project | Structural Unit |
| Applicable | Not applicable | Not applicable | Not applicable | Applicable | Not applicable |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingAgentValue | | | | |
| Semantic Components | None | | | | |
| Definition |  | | | | |
| Object Category | File | Software | Building | Project | Structural Unit |
| Applicable | Not applicable | Not applicable | Not applicable | Applicable | Not applicable |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingAgentRole | | | | |
| Semantic Components | None | | | | |
| Definition | Controlled vocabulary: Lead architect, architect, consultant, other. | | | | |
| Object Category | File | Software | Building | Project | Structural Unit |
| Applicable | Not applicable | Not applicable | Not applicable | Applicable | Not applicable |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

**2.0 Agent**

2.1 **agentIdentifier** (M, R)

2.1.1 **agentIdentifierType** (M, NR)

2.1.2 **agentIdentifierValue** (M, NR)

2.2 **agentName** (O, R)

2.3 **agentType** (O, NR)

2.4 **agentVersion** (O, NR)

2.5 **agentOrganization** (O, R)

2.5.1 **linkingAgentIdentifier** (M, R)

2.5.1.1 **linkingAgentIdentifierType** (M, NR)

2.5.1.2 **linkingAgentIdentifierValue** (M, NR)

2.5.2 **startDate** (M, NR)

2.5.3 **endDate** (O, NR)

2.5.4 **title** (O, NR)

2.6 **agentNote** (O, R)

2.7 **agentExtension** (O, R)

2.8 **linkingRightsStatementIdentifier** (O, R)

2.8.1 **linkingRightsStatementIdentifierType** ( M, NR)

2.8.2 **linkingRightsStatementIdentifierValue** (M, NR)

2.9 **linkingEnvironmentIdentifier** (O, R)

2.9.1 **linkingEnvironmentIdentifierType** (M, NR)

2.9.2 **linkingEnvironmentIdentifierValue** (M, NR)

2.9.3 **linkingEnvironmentRole** (O, R)

2.10 **linkingObjectIdentifier** (O, R)

2.10.1 **linkingObjectIdentifierType** (M, NR)

2.10.2 **linkingObjectIdentifierValue** (M, NR)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | agentIdentifier | | | | |
| Semantic Components | agentIdentifierType, agentIdentifierValue | | | | |
| Definition | how the agent is identified, and includes the identifier type and value. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | agentIdentifierType | | | | |
| Semantic Components | None | | | | |
| Definition | Definition A designation of the domain in which the Agent identifier is unique. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | agentIdentifierValue | | | | |
| Semantic Components | None | | | | |
| Definition | The value of the agentIdentifier. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | agentName | | | | |
| Semantic Components | None | | | | |
| Definition | Describes the name of the agent. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | agentType | | | | |
| Semantic Components | None | | | | |
| Definition | A high-level characterization of the type of Agent. | | | | |
| Data Constraint | Would use the Library of Congress’s vocabulary at http://id.loc.gov/vocabulary/preservation/agentType.html | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | agentVersion | | | | |
| Semantic Components | None | | | | |
| Definition | The version of the Agent referenced in agentName, if agentType is Software or hardware. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | agentOrganization | | | | |
| Semantic Components | linkingAgentIdentifier, startDate, endDate, Title | | | | |
| Definition | Firm/organization that Agent works under. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingAgentIdentifier | | | | |
| Semantic Components | Linking Agent Type  Linking Agent Value | | | | |
| Definition | Identification of one or more Agents associated with the Organization. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingAgentType | | | | |
| Semantic Components | None | | | | |
| Definition | A designation of the domain in which the linking Agent identifier is unique. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingAgentValue | | | | |
| Semantic Components | None | | | | |
| Definition | The value of the linking Agent identifier. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | startDate | | | | |
| Semantic Components | None | | | | |
| Definition | Date started of working with organization | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | endDate | | | | |
| Semantic Components | None | | | | |
| Definition | Date completed of working with organization | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | title | | | | |
| Semantic Components | None | | | | |
| Definition | Job title of Agent. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | agentNote | | | | |
| Semantic Components | None | | | | |
| Definition | Additional information about the Agent. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | agentExtension | | | | |
| Semantic Components | Defined externally | | | | |
| Definition | A container to include semantic units defined outside of PREMIS. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingRightsStatementIdentifier | | | | |
| Semantic Components | linkingRightsStatementIdentifierType, linkingRightsStatementIdentifierValue | | | | |
| Definition | An identifier for a Rights statement associated with the Agent. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingRightsStatementIdentifierType | | | | |
| Semantic Components | None | | | | |
| Definition | A designation of the domain within which the linkingRightsStatementIdentifier is unique. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingRightsStatementIdentifierValue | | | | |
| Semantic Components | None | | | | |
| Definition | The value of the linkingRightsStatementIdentifier. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingEnvironmentIdentifier | | | | |
| Semantic Components | linkingEnvironmentIdentifierType, linkingEnvironmentIdentifierValue, linkingEnvironmentRole | | | | |
| Definition | The objectIdentifier of an environment Object associated with the Agent. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingEnvironmentIdentifierType | | | | |
| Semantic Components | None | | | | |
| Definition | A designation of the domain within which the linkingEnvironmentIdentifier is unique. | | | | |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingEnvironmentIdentifierValue | | | | |
| Semantic Components | None | | | | |
| Definition | The value of the linkingEnvironmentIdentifier. | | | | |
| Repeatability | Not Repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingEnvironmentRole | | | | |
| Semantic Components | None | | | | |
| Definition | The role of the environment Object associated with this Agent. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingObjectIdentifier | | | | |
| Semantic Components | linkingObjectIdentifierType, linkingObjectIdentifierValue | | | | |
| Definition | Information about an Object associated with an Agent. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingObjectIdentifierType | | | | |
| Semantic Components | None | | | | |
| Definition | A designation of the domain in which the linking Object identifier is unique | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingObjectIdentifierValue | | | | |
| Semantic Components | None | | | | |
| Definition | The value of the linking Object identifier. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

**3.0 Rights**

3.1 **rightsStatement** (O, R)

3.1.1 **rightsStatementIdentifier** (M, NR)

3.1.1.1 **rightsStatementIdentifierType** (M, NR)

3.1.1.2 **rightsStatementIdentifierValue** (M, NR)

3.1.2 **rightsBasis** (M, NR)

3.1.3 **copyrightInformation** (O, NR)

3.1.3.1 **copyrightStatus** (M, NR)

3.1.3.2 **copyrightJurisdiction** (M, NR)

3.1.3.3 **copyrightStatusDeterminationDate** (O, NR)

3.1.3.4 **copyrightNote** (O, R)

3.1.3.5 **copyrightDocumentationIdentifier** (O, R)

3.1.3.5.1 **copyrightDocumentationIdentifierType** (M, NR)

3.1.3.5.2 **copyrightDocumentationIdentifierValue** (M, NR)

3.1.3.5.3 **copyrightDocumentationRole** (O, NR)

3.1.3.6 **copyrightApplicableDates** (O, NR)

3.1.3.6.1 **startDate** (O, NR)

3.1.3.6.2 **endDate** (O, NR)

3.1.4 **licenseInformation** (O, NR)

3.1.4.1 **licenseDocumentationIdentifier** (O, R)

3.1.4.1.1 **licenseDocumentationIdentifierType** (M, NR)

3.1.4.1.2 **licenseDocumentationIdentifierValue** (M, NR)

3.1.4.1.3 **licenseDocumentationRole** (O,NR)

3.1.4.2 **licenseTerms** (O, NR)

3.1.4.3 **licenseNote** (O, R)

3.1.4.4 **licenseApplicableDates** (O, NR)

3.1.4.4.1 **startDate** (O, NR)

3.1.4.4.2 **endDate** (O, NR)

3.1.5 **otherRightsInformation** (O, NR)

3.1.5.1 **OtherRightsDocumentationIdentifier** (O, R)

3.1.5.1.1 **otherRightsDocumentationIdentifierType** (M, NR)

3.1.5.1.2 **otherRightsDocumentationIdentifierValue** (M, NR)

3.1.5.1.3 **otherRightsDocumentationRole** (O, NR)

3.1.5.2 **otherRightsBasis** (M, NR)

3.1.5.3 **otherRightsApplicableDates** (O, NR)

3.1.5.3.1 **startDate** (O, NR)

3.1.5.3.2 **endDate** (O, NR)

3.1.5.4 **otherRightsNote** (O, R)

3.1.6 **rightsGranted** (O, R)

3.1.6.1 **act** (M, NR)

3.1.6.2 **restriction** (O, R)

3.1.6.3 **termOfGrant** (O, NR)

3.1.6.3.1 **startDate** (M, NR)

3.1.6.3.2 **endDate** (O, NR)

3.1.6.4 **termOfRestriction** (O, NR)

3.1.6.4.1 **startDate** (M, NR)

3.1.6.4.2 **endDate** (O, NR)

3.1.6.5 **rightsGrantedNote** (O, R)

3.1.7 **linkingObjectIdentifier** (O, R)

3.1.7.1 **linkingObjectIdentifierType** (M, NR)

3.1.7.2 **linkingObjectIdentifierValue** (M, NR)

3.1.7.3 **linkingObjectRole** (O, R)

3.1.8 **linkingAgentIdentifier** (O, R)

3.1.8.1 **linkingAgentIdentifierType** (M, NR)

3.1.8.2 **linkingAgentIdentifierValue** (M, NR)

3.1.8.3 **linkingAgentRole** (O, R)

3.2 **rightsExtension** (O, R)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | rightsStatement | | | | |
| Semantic Components | rightsStatementIdentifier, rightsBasis, copyrightInformation, statuteInformation, otherRightsInformation, rightsGranted, linkingObjectIdentifier linkingAgentIdentifier | | | | |
| Definition | Documentation of the repository's Rights or indeed restrictions to perform one or more acts. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | rightsStatementIdentifier | | | | |
| Semantic Components | rightsStatementIdentifierType, rightsStatementIdentifierValue | | | | |
| Definition | The designation used to identify the Rights statement uniquely within a preservation repository system. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | rightsStatementIdentifierType | | | | |
| Semantic Components | None | | | | |
| Definition | A designation of the domain within which the Rights statement identifier is unique. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | rightsStatementIdentifierValue | | | | |
| Semantic Components | None | | | | |
| Definition | The value of the rightsStatementIdentifier. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | rightsBasis | | | | |
| Semantic Components | None | | | | |
| Definition | Designation of the basis for the right or permission identified by the rightsStatementIdentifier. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | copyrightInformation | | | | |
| Semantic Components | copyrightStatus, copyrightJurisdiction, copyrightStatusDeterminationDate, copyrightNote, copyrightDocumentationIdentifier, copyrightApplicableDates | | | | |
| Definition | Information about the copyright status of the object(s). | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | copyrightStatus | | | | |
| Semantic Components | None | | | | |
| Definition | A coded designation for the copyright status of the object at the time the Rights statement was recorded. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | copyrightJurisdiction | | | | |
| Semantic Components | None | | | | |
| Definition | The country whose copyright laws apply. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | copyrightStatusDeterminationDate | | | | |
| Semantic Components | None | | | | |
| Definition | The date that the copyright status recorded in copyrightStatus was determined. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | copyrightNote | | | | |
| Semantic Components | None | | | | |
| Definition | Additional information about the copyright status of the object. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | copyrightDocumentationIdentifier | | | | |
| Semantic Components | copyrightDocumentationIdentifierType, copyrightDocumentationIdentifierValue, copyrightDocumentationRole | | | | |
| Definition | A designation used to identify documentation supporting the specified Rights granted according to copyright uniquely within the repository system. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | copyrightDocumentationIdentifierType | | | | |
| Semantic Components | None | | | | |
| Definition | A designation of the domain within which the copyright documentation identifier is unique. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | copyrightDocumentationIdentifierValue | | | | |
| Semantic Components | None | | | | |
| Definition | The value of the copyrightDocumentationIdentifier. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | copyrightDocumentationRole | | | | |
| Semantic Components | None | | | | |
| Definition | A value indicating the purpose or expected use of the documentation being identified. | | | | |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | copyrightApplicableDates | | | | |
| Semantic Components | startDate, endDate | | | | |
| Definition | The date range during which the particular copyright applies or is applied to the content. This is distinct from termOfGrant, which applies to a particular act expressed in rightsGranted and may differ from the period of time the license, statute, or other basis applies to the content. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | startDate | | | | |
| Semantic Components | None | | | | |
| Definition | The date the granted copyright commences. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | endDate | | | | |
| Semantic Components | None | | | | |
| Definition | The date the granted copyright expires. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | licenseInformation | | | | |
| Semantic Components | licenseDocumentationIdentifier, licenseTerms, licenseNote, licenseApplicableDates | | | | |
| Definition | Information about a license or other agreement granting permissions related to an object. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | licenseDocumentationIdentifier | | | | |
| Semantic Components | licenseDocumentationIdentifierType, licenseDocumentationIdentifierValue, licenseDocumentationRole | | | | |
| Definition | A designation used to identify uniquely documentation supporting the specified Rights granted by license within the repository system. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | licenseDocumentationIdentifierType | | | | |
| Semantic Components | None | | | | |
| Definition | A designation of the domain within which the license documentation identifier is unique. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | licenseDocumentationIdentifierValue | | | | |
| Semantic Components | None | | | | |
| Definition | The value of the licenseDocumentationIdentifier. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | licenseDocumentationRole | | | | |
| Semantic Components | None | | | | |
| Definition | A value indicating the purpose or expected use of the documentation being identified. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | licenseTerms | | | | |
| Semantic Components | None | | | | |
| Definition | Text describing the license or agreement by which permission was granted. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | licenseNote | | | | |
| Semantic Components | None | | | | |
| Definition | Additional information about the license. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | licenseApplicableDates | | | | |
| Semantic Components | startDate, endDate | | | | |
| Definition | The date range during which the license applies or is applied to the content. This is distinct from termOfGrant, which applies to a particular act expressed in rightsGranted and may differ from the period of time the license, statute or other basis applies to the content. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | startDate | | | | |
| Semantic Components | None | | | | |
| Definition | The beginning date of the Rights granted. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | endDate | | | | |
| Semantic Components | None | | | | |
| Definition | The ending date of the Rights granted. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | otherRightsInformation | | | | |
| Semantic Components | otherRightsDocumentationIdentifier, otherRightsBasis, otherRightsApplicableDates, otherRightsNote | | | | |
| Definition | Information about the Rights (other than copyright, license, or statute) that apply to the object(s). | | | | |
| Repeatability | Not Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | otherRightsDocumentationIdentifier | | | | |
| Semantic Components | otherRightsDocumentationIdentifierType, otherRightsDocumentationIdentifierValue, otherRightsDocumentationRole | | | | |
| Definition | A designation used to uniquely identify documentation supporting the specified Rights within the repository system, when the basis for these Rights is something other than copyright, license or statute. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | otherRightsDocumentationIdentifierType | | | | |
| Semantic Components | None | | | | |
| Definition | A designation of the domain within which the Rights statement documentation identifier is unique. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | otherRightsDocumentationIdentifierValue | | | | |
| Semantic Components | None | | | | |
| Definition | The value of the otherRightsDocumentationIdentifier. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | otherRightsDocumentationRole | | | | |
| Semantic Components | None | | | | |
| Definition | A value indicating the purpose or expected use of the documentation being identified. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | otherRightsBasis | | | | |
| Semantic Components | None | | | | |
| Definition | Designation of the basis for the other right or permission described in the rightsStatementIdentifier. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | otherRightsApplicableDates | | | | |
| Semantic Components | startDate, endDate | | | | |
| Definition | The date range during which the particular right apply or applied to the content. This is distinct from termOfGrant, which applies to a particular act expressed in rightsGranted and may differ from the period of time the license, statute or other basis applies to the content. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | startDate | | | | |
| Semantic Components | None | | | | |
| Definition | The date the granted right commences. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | endDate | | | | |
| Semantic Components | None | | | | |
| Definition | The date the granted right expires. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | otherRightsNote | | | | |
| Semantic Components | None | | | | |
| Definition | Additional information about the Rights of the object. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | rightsGranted | | | | |
| Semantic Components | Act, restriction, termOfGrant, termOfRestriction, rightsGrantedNote | | | | |
| Definition | The action(s) that the granting agency has allowed the repository. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | act | | | | |
| Semantic Components | None | | | | |
| Definition | The action the preservation repository is allowed to take. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | restriction | | | | |
| Semantic Components | None | | | | |
| Definition | A condition or limitation on the act. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | termOfGrant | | | | |
| Semantic Components | startDate, endDate | | | | |
| Definition | The time period for the permissions granted. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | startDate | | | | |
| Semantic Components | None | | | | |
| Definition | The date the granted permission commences. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | endDate | | | | |
| Semantic Components | None | | | | |
| Definition | The date the granted permission expires. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | termOfRestriction | | | | |
| Semantic Components | startDate, endDate | | | | |
| Definition | The time period for the restriction granted. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | startDate | | | | |
| Semantic Components | None | | | | |
| Definition | The date the restriction commences. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | endDate | | | | |
| Semantic Components | None | | | | |
| Definition | The date the restriction expires. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | rightsGrantedNote | | | | |
| Semantic Components | None | | | | |
| Definition | Additional information about the Rights granted. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingObjectIdentifier | | | | |
| Semantic Components | linkingObjectIdentifierType, linkingObjectIdentifierValue, linkingObjectRole | | | | |
| Definition | The identifier of an object associated with the Rights statement. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingObjectIdentifierType | | | | |
| Semantic Components | None | | | | |
| Definition | A designation of the domain in which the linking object identifier is unique. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semantic Unit | linkingObjectIdentifierValue | | | | |
| Semantic Components | None | | | | |
| Definition | The value of the linkingObjectIdentifier. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

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| Semantic Unit | linkingObjectRole | | | | |
| Semantic Components | None | | | | |
| Definition | The role of the object associated with an Agent. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | linkingAgentIdentifier | | | | |
| Semantic Components | linkingAgentIdentifierType, linkingAgentIdentifierValue, linkingAgentRole | | | | |
| Definition | Identification of one or more Agents associated with the Rights statement. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | linkingAgentIdentifierType | | | | |
| Semantic Components | None | | | | |
| Definition | A designation of the domain in which the linking Agent identifier is unique. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

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| Semantic Unit | linkingAgentIdentifierValue | | | | |
| Semantic Components | None | | | | |
| Definition | The value of the linkingAgentIdentifier. | | | | |
| Repeatability | Not repeatable | | | | |
| Obligation | Mandatory | | | | |

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| Semantic Unit | linkingAgentRole | | | | |
| Semantic Components | None | | | | |
| Definition | The role of the Agent in relation to the Rights statement. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |

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| Semantic Unit | rightsExtension | | | | |
| Semantic Components | Defined externally | | | | |
| Definition | A container to include semantic units defined outside of PREMIS. | | | | |
| Repeatability | Repeatable | | | | |
| Obligation | Optional | | | | |