**resource Image2D**: StillImageRepresentation

**resource Image3D**: DDDRepresentation

**resource Audio**: AudioRepresentation

**resource Video**: MovingImageRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasInterval | 0–1 | 4 |
| hasCopyright | 0–1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Book**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1–n | 1 |
| hasDescription | 0–1 | 2 |
| hasAuthor | 0–n | 3 |
| hasDate | 0–1 | 4 |
| inInstitution | 0–n | 5 |
| hasLocation | 0–1 | 6 |
| hasCopyright | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Page**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTextMedium | 0–1 |  |
| hasPagenum | 1 | 1 |
| hasDescription | 0–1 | 2 |
| partOf | 1 | 3 |
| hasTranscription | 0–1 | 4 |
| hasTransliteration | 0–1 | 5 |
| hasTranslation | 0–n | 6 |
| hasBibliographicReference | 0–n | 7 |

**resource Person**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasIdentifier | 0–1 | 2 |
| hasChildren | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Institution**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasLocation | 0–1 | 2 |
| hasIdentifier | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Object**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasImage | 0–1 |  |
| hasCategory | 1 | 1 |
| hasName | 1 | 2 |
| hasDescription | 1 | 3 |
| hasWeight | 0–1 | 4 |
| hasCreator | 0–1 | 5 |
| hasFindspot | 0–1 | 6 |
| hasDate | 0–1 | 7 |
| inInstitution | 0–n | 8 |
| hasLocation | 0–1 | 9 |
| hasInventoryNumber | 0–1 | 10 |
| isPublic | 0–1 | 11 |
| hasColor | 0–1 | 12 |
| hasExternalLink | 0–n | 13 |

**Resource Document**: DocumentRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |
| HasTime | 0–1 | 3 |

**Resource TextDocument**: TextRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**Resource Archive**: ArchiveRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**Testproject rosetta**

**list category**

|  |  |  |
| --- | --- | --- |
| artwork |  |  |
| vehicles |  |  |
| nature |  |  |
| nature | humans |  |
| nature | animals |  |
| nature | animals | mammals |
| nature | animals | insects |
| nature | animals | birds |
| nature | animals | amphibians |
| nature | animals | reptiles |
| nature | plants |  |
| nature | weather |  |
| nature | physics |  |

**properties**

|  |  |  |  |
| --- | --- | --- | --- |
| **name** | **super** | **object** | **GUI-element** |
| hasTextMedium | hasLinkTo | :Image2D | Searchbox |
| hasImage | hasLinkTo | :Image2D | Searchbox |
| hasOriginalText | hasValue | TextValue | Richtext |
| hasTranscription | hasValue | TextValue | Richtext |
| hasTransliteration | hasValue | TextValue | Richtext |
| hasTranslation | hasValue | TextValue | Richtext |
| hasDescription | hasValue | TextValue | Richtext |
| hasAuthor | hasLinkTo | :Person | Searchbox |
| hasName | hasValue | TextValue | SimpleText |
| hasTitle | hasValue | TextValue | SimpleText |
| hasDate | hasValue | DateValue | Date |
| hasInterval | hasValue | IntervalValue | Interval |
| hasFindspot | hasValue | GeonameValue | Geonames |
| hasLocation | hasValue | GeonameValue | Geonames |
| hasGeoname | hasValue | GeonameValue | Geonames |
| hasBibliographicReference | hasValue | TextValue | Richtext |
| hasExternalLink | hasValue | UriValue | SimpleText |
| hasIdentifier | hasValue | UriValue | SimpleText |
| hasRelatedArtwork | hasLinkTo | Resource | Searchbox |
| hasCreator | hasLinkTo | :Person | Searchbox |
| inInstitution | hasLinkTo | :Institution | Searchbox |
| hasInventoryNumber | hasValue | TextValue | SimpleText |
| hasPagenum | hasValue | TextValue | SimpleText |
| partOf | isPartOf | :Book | Searchbox |
| hasCategory | hasValue | ListValue | Pulldown |
| hasAnnotation | hasLinkTo | Annotation | Searchbox |
| hasColor | hasValue | ColorValue | Colorpicker |
| hasCopyright | hasValue | TextValue | SimpleText |
| hasGeometry | hasValue | GeomValue | Geometry |
| isPublic | hasValue | BooleanValue | Checkbox |
| hasChildren | hasValue | IntValue | Spinbox |
| hasWeight | hasValue | DecimalValue | SimpleText |
| hasRegion | hasLinkTo | Region | Searchbox |
| hasFiles | hasLinkTo | Document | Searchbox |

**resource Text**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTextMedium | 0–1 |  |
| hasAuthor | 0–1 | 1 |
| hasTitle | 0–1 | 2 |
| hasOriginalText | 0–1 | 3 |
| hasTranscription | 0–1 | 4 |
| hasTransliteration | 0–1 | 5 |
| hasTranslation | 0–n | 6 |
| hasFindspot | 0–1 | 7 |
| hasBibliographicReference | 0–n | 8 |
| inInstitution | 0–n | 9 |
| hasLocation | 0–1 | 10 |
| hasCopyright | 0–1 | 11 |
| hasExternalLink | 0–n | 12 |
| hasRelatedArtwork | 0–1 | 13 |

**resource Image2D**: StillImageRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasCopyright | 0–1 | 4 |
| inInstitution | 0–n | 5 |
| hasLocation | 0–1 | 6 |
| hasExternalLink | 0–n | 7 |

**resource Image3D**: DDDRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasCopyright | 0–1 | 4 |
| HasFiles | 0-1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Audio**: AudioRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasInterval | 0–1 | 4 |
| hasCopyright | 0–1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Video**: MovingImageRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasInterval | 0–1 | 4 |
| hasCopyright | 0–1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Book**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1–n | 1 |
| hasDescription | 0–1 | 2 |
| hasAuthor | 0–n | 3 |
| hasDate | 0–1 | 4 |
| inInstitution | 0–n | 5 |
| hasLocation | 0–1 | 6 |
| hasCopyright | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Page**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTextMedium | 0–1 |  |
| hasPagenum | 1 | 1 |
| hasDescription | 0–1 | 2 |
| partOf | 1 | 3 |
| hasTranscription | 0–1 | 4 |
| hasTransliteration | 0–1 | 5 |
| hasTranslation | 0–n | 6 |
| hasBibliographicReference | 0–n | 7 |

**resource Person**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasIdentifier | 0–1 | 2 |
| hasChildren | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Institution**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasLocation | 0–1 | 2 |
| hasIdentifier | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Object**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasImage | 0–1 |  |
| hasCategory | 1 | 1 |
| hasName | 1 | 2 |
| hasDescription | 1 | 3 |
| hasWeight | 0–1 | 4 |
| hasCreator | 0–1 | 5 |
| hasFindspot | 0–1 | 6 |
| hasDate | 0–1 | 7 |
| inInstitution | 0–n | 8 |
| hasLocation | 0–1 | 9 |
| hasInventoryNumber | 0–1 | 10 |
| isPublic | 0–1 | 11 |
| hasColor | 0–1 | 12 |
| hasExternalLink | 0–n | 13 |

**Resource Document**: DocumentRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |
| HasTime | 0–1 | 3 |

**Resource TextDocument**: TextRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**Resource Archive**: ArchiveRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**Testproject rosetta**

**list category**

|  |  |  |
| --- | --- | --- |
| artwork |  |  |
| vehicles |  |  |
| nature |  |  |
| nature | humans |  |
| nature | animals |  |
| nature | animals | mammals |
| nature | animals | insects |
| nature | animals | birds |
| nature | animals | amphibians |
| nature | animals | reptiles |
| nature | plants |  |
| nature | weather |  |
| nature | physics |  |

**properties**

|  |  |  |  |
| --- | --- | --- | --- |
| **name** | **super** | **object** | **GUI-element** |
| hasTextMedium | hasLinkTo | :Image2D | Searchbox |
| hasImage | hasLinkTo | :Image2D | Searchbox |
| hasOriginalText | hasValue | TextValue | Richtext |
| hasTranscription | hasValue | TextValue | Richtext |
| hasTransliteration | hasValue | TextValue | Richtext |
| hasTranslation | hasValue | TextValue | Richtext |
| hasDescription | hasValue | TextValue | Richtext |
| hasAuthor | hasLinkTo | :Person | Searchbox |
| hasName | hasValue | TextValue | SimpleText |
| hasTitle | hasValue | TextValue | SimpleText |
| hasDate | hasValue | DateValue | Date |
| hasInterval | hasValue | IntervalValue | Interval |
| hasFindspot | hasValue | GeonameValue | Geonames |
| hasLocation | hasValue | GeonameValue | Geonames |
| hasGeoname | hasValue | GeonameValue | Geonames |
| hasBibliographicReference | hasValue | TextValue | Richtext |
| hasExternalLink | hasValue | UriValue | SimpleText |
| hasIdentifier | hasValue | UriValue | SimpleText |
| hasRelatedArtwork | hasLinkTo | Resource | Searchbox |
| hasCreator | hasLinkTo | :Person | Searchbox |
| inInstitution | hasLinkTo | :Institution | Searchbox |
| hasInventoryNumber | hasValue | TextValue | SimpleText |
| hasPagenum | hasValue | TextValue | SimpleText |
| partOf | isPartOf | :Book | Searchbox |
| hasCategory | hasValue | ListValue | Pulldown |
| hasAnnotation | hasLinkTo | Annotation | Searchbox |
| hasColor | hasValue | ColorValue | Colorpicker |
| hasCopyright | hasValue | TextValue | SimpleText |
| hasGeometry | hasValue | GeomValue | Geometry |
| isPublic | hasValue | BooleanValue | Checkbox |
| hasChildren | hasValue | IntValue | Spinbox |
| hasWeight | hasValue | DecimalValue | SimpleText |
| hasRegion | hasLinkTo | Region | Searchbox |
| hasFiles | hasLinkTo | Document | Searchbox |

**resource Text**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTextMedium | 0–1 |  |
| hasAuthor | 0–1 | 1 |
| hasTitle | 0–1 | 2 |
| hasOriginalText | 0–1 | 3 |
| hasTranscription | 0–1 | 4 |
| hasTransliteration | 0–1 | 5 |
| hasTranslation | 0–n | 6 |
| hasFindspot | 0–1 | 7 |
| hasBibliographicReference | 0–n | 8 |
| inInstitution | 0–n | 9 |
| hasLocation | 0–1 | 10 |
| hasCopyright | 0–1 | 11 |
| hasExternalLink | 0–n | 12 |
| hasRelatedArtwork | 0–1 | 13 |

**resource Image2D**: StillImageRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasCopyright | 0–1 | 4 |
| inInstitution | 0–n | 5 |
| hasLocation | 0–1 | 6 |
| hasExternalLink | 0–n | 7 |

**resource Image3D**: DDDRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasCopyright | 0–1 | 4 |
| HasFiles | 0-1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Audio**: AudioRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasInterval | 0–1 | 4 |
| hasCopyright | 0–1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Video**: MovingImageRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasInterval | 0–1 | 4 |
| hasCopyright | 0–1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Book**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1–n | 1 |
| hasDescription | 0–1 | 2 |
| hasAuthor | 0–n | 3 |
| hasDate | 0–1 | 4 |
| inInstitution | 0–n | 5 |
| hasLocation | 0–1 | 6 |
| hasCopyright | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Page**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTextMedium | 0–1 |  |
| hasPagenum | 1 | 1 |
| hasDescription | 0–1 | 2 |
| partOf | 1 | 3 |
| hasTranscription | 0–1 | 4 |
| hasTransliteration | 0–1 | 5 |
| hasTranslation | 0–n | 6 |
| hasBibliographicReference | 0–n | 7 |

**resource Person**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasIdentifier | 0–1 | 2 |
| hasChildren | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Institution**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasLocation | 0–1 | 2 |
| hasIdentifier | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Object**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasImage | 0–1 |  |
| hasCategory | 1 | 1 |
| hasName | 1 | 2 |
| hasDescription | 1 | 3 |
| hasWeight | 0–1 | 4 |
| hasCreator | 0–1 | 5 |
| hasFindspot | 0–1 | 6 |
| hasDate | 0–1 | 7 |
| inInstitution | 0–n | 8 |
| hasLocation | 0–1 | 9 |
| hasInventoryNumber | 0–1 | 10 |
| isPublic | 0–1 | 11 |
| hasColor | 0–1 | 12 |
| hasExternalLink | 0–n | 13 |

**Resource Document**: DocumentRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |
| HasTime | 0–1 | 3 |

**Resource TextDocument**: TextRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**Resource Archive**: ArchiveRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**Testproject rosetta**

**list category**

|  |  |  |
| --- | --- | --- |
| artwork |  |  |
| vehicles |  |  |
| nature |  |  |
| nature | humans |  |
| nature | animals |  |
| nature | animals | mammals |
| nature | animals | insects |
| nature | animals | birds |
| nature | animals | amphibians |
| nature | animals | reptiles |
| nature | plants |  |
| nature | weather |  |
| nature | physics |  |

**properties**

|  |  |  |  |
| --- | --- | --- | --- |
| **name** | **super** | **object** | **GUI-element** |
| hasTextMedium | hasLinkTo | :Image2D | Searchbox |
| hasImage | hasLinkTo | :Image2D | Searchbox |
| hasOriginalText | hasValue | TextValue | Richtext |
| hasTranscription | hasValue | TextValue | Richtext |
| hasTransliteration | hasValue | TextValue | Richtext |
| hasTranslation | hasValue | TextValue | Richtext |
| hasDescription | hasValue | TextValue | Richtext |
| hasAuthor | hasLinkTo | :Person | Searchbox |
| hasName | hasValue | TextValue | SimpleText |
| hasTitle | hasValue | TextValue | SimpleText |
| hasDate | hasValue | DateValue | Date |
| hasInterval | hasValue | IntervalValue | Interval |
| hasFindspot | hasValue | GeonameValue | Geonames |
| hasLocation | hasValue | GeonameValue | Geonames |
| hasGeoname | hasValue | GeonameValue | Geonames |
| hasBibliographicReference | hasValue | TextValue | Richtext |
| hasExternalLink | hasValue | UriValue | SimpleText |
| hasIdentifier | hasValue | UriValue | SimpleText |
| hasRelatedArtwork | hasLinkTo | Resource | Searchbox |
| hasCreator | hasLinkTo | :Person | Searchbox |
| inInstitution | hasLinkTo | :Institution | Searchbox |
| hasInventoryNumber | hasValue | TextValue | SimpleText |
| hasPagenum | hasValue | TextValue | SimpleText |
| partOf | isPartOf | :Book | Searchbox |
| hasCategory | hasValue | ListValue | Pulldown |
| hasAnnotation | hasLinkTo | Annotation | Searchbox |
| hasColor | hasValue | ColorValue | Colorpicker |
| hasCopyright | hasValue | TextValue | SimpleText |
| hasGeometry | hasValue | GeomValue | Geometry |
| isPublic | hasValue | BooleanValue | Checkbox |
| hasChildren | hasValue | IntValue | Spinbox |
| hasWeight | hasValue | DecimalValue | SimpleText |
| hasRegion | hasLinkTo | Region | Searchbox |
| hasFiles | hasLinkTo | Document | Searchbox |

**resource Text**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTextMedium | 0–1 |  |
| hasAuthor | 0–1 | 1 |
| hasTitle | 0–1 | 2 |
| hasOriginalText | 0–1 | 3 |
| hasTranscription | 0–1 | 4 |
| hasTransliteration | 0–1 | 5 |
| hasTranslation | 0–n | 6 |
| hasFindspot | 0–1 | 7 |
| hasBibliographicReference | 0–n | 8 |
| inInstitution | 0–n | 9 |
| hasLocation | 0–1 | 10 |
| hasCopyright | 0–1 | 11 |
| hasExternalLink | 0–n | 12 |
| hasRelatedArtwork | 0–1 | 13 |

**resource Image2D**: StillImageRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasCopyright | 0–1 | 4 |
| inInstitution | 0–n | 5 |
| hasLocation | 0–1 | 6 |
| hasExternalLink | 0–n | 7 |

**resource Image3D**: DDDRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasCopyright | 0–1 | 4 |
| HasFiles | 0-1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Audio**: AudioRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasInterval | 0–1 | 4 |
| hasCopyright | 0–1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Video**: MovingImageRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasInterval | 0–1 | 4 |
| hasCopyright | 0–1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Book**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1–n | 1 |
| hasDescription | 0–1 | 2 |
| hasAuthor | 0–n | 3 |
| hasDate | 0–1 | 4 |
| inInstitution | 0–n | 5 |
| hasLocation | 0–1 | 6 |
| hasCopyright | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Page**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTextMedium | 0–1 |  |
| hasPagenum | 1 | 1 |
| hasDescription | 0–1 | 2 |
| partOf | 1 | 3 |
| hasTranscription | 0–1 | 4 |
| hasTransliteration | 0–1 | 5 |
| hasTranslation | 0–n | 6 |
| hasBibliographicReference | 0–n | 7 |

**resource Person**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasIdentifier | 0–1 | 2 |
| hasChildren | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Institution**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasLocation | 0–1 | 2 |
| hasIdentifier | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Object**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasImage | 0–1 |  |
| hasCategory | 1 | 1 |
| hasName | 1 | 2 |
| hasDescription | 1 | 3 |
| hasWeight | 0–1 | 4 |
| hasCreator | 0–1 | 5 |
| hasFindspot | 0–1 | 6 |
| hasDate | 0–1 | 7 |
| inInstitution | 0–n | 8 |
| hasLocation | 0–1 | 9 |
| hasInventoryNumber | 0–1 | 10 |
| isPublic | 0–1 | 11 |
| hasColor | 0–1 | 12 |
| hasExternalLink | 0–n | 13 |

**Resource Document**: DocumentRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |
| HasTime | 0–1 | 3 |

**Resource TextDocument**: TextRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**Resource Archive**: ArchiveRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**Testproject rosetta**

**list category**

|  |  |  |
| --- | --- | --- |
| artwork |  |  |
| vehicles |  |  |
| nature |  |  |
| nature | humans |  |
| nature | animals |  |
| nature | animals | mammals |
| nature | animals | insects |
| nature | animals | birds |
| nature | animals | amphibians |
| nature | animals | reptiles |
| nature | plants |  |
| nature | weather |  |
| nature | physics |  |

**properties**

|  |  |  |  |
| --- | --- | --- | --- |
| **name** | **super** | **object** | **GUI-element** |
| hasTextMedium | hasLinkTo | :Image2D | Searchbox |
| hasImage | hasLinkTo | :Image2D | Searchbox |
| hasOriginalText | hasValue | TextValue | Richtext |
| hasTranscription | hasValue | TextValue | Richtext |
| hasTransliteration | hasValue | TextValue | Richtext |
| hasTranslation | hasValue | TextValue | Richtext |
| hasDescription | hasValue | TextValue | Richtext |
| hasAuthor | hasLinkTo | :Person | Searchbox |
| hasName | hasValue | TextValue | SimpleText |
| hasTitle | hasValue | TextValue | SimpleText |
| hasDate | hasValue | DateValue | Date |
| hasInterval | hasValue | IntervalValue | Interval |
| hasFindspot | hasValue | GeonameValue | Geonames |
| hasLocation | hasValue | GeonameValue | Geonames |
| hasGeoname | hasValue | GeonameValue | Geonames |
| hasBibliographicReference | hasValue | TextValue | Richtext |
| hasExternalLink | hasValue | UriValue | SimpleText |
| hasIdentifier | hasValue | UriValue | SimpleText |
| hasRelatedArtwork | hasLinkTo | Resource | Searchbox |
| hasCreator | hasLinkTo | :Person | Searchbox |
| inInstitution | hasLinkTo | :Institution | Searchbox |
| hasInventoryNumber | hasValue | TextValue | SimpleText |
| hasPagenum | hasValue | TextValue | SimpleText |
| partOf | isPartOf | :Book | Searchbox |
| hasCategory | hasValue | ListValue | Pulldown |
| hasAnnotation | hasLinkTo | Annotation | Searchbox |
| hasColor | hasValue | ColorValue | Colorpicker |
| hasCopyright | hasValue | TextValue | SimpleText |
| hasGeometry | hasValue | GeomValue | Geometry |
| isPublic | hasValue | BooleanValue | Checkbox |
| hasChildren | hasValue | IntValue | Spinbox |
| hasWeight | hasValue | DecimalValue | SimpleText |
| hasRegion | hasLinkTo | Region | Searchbox |
| hasFiles | hasLinkTo | Document | Searchbox |

**resource Text**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTextMedium | 0–1 |  |
| hasAuthor | 0–1 | 1 |
| hasTitle | 0–1 | 2 |
| hasOriginalText | 0–1 | 3 |
| hasTranscription | 0–1 | 4 |
| hasTransliteration | 0–1 | 5 |
| hasTranslation | 0–n | 6 |
| hasFindspot | 0–1 | 7 |
| hasBibliographicReference | 0–n | 8 |
| inInstitution | 0–n | 9 |
| hasLocation | 0–1 | 10 |
| hasCopyright | 0–1 | 11 |
| hasExternalLink | 0–n | 12 |
| hasRelatedArtwork | 0–1 | 13 |

**resource Image2D**: StillImageRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasCopyright | 0–1 | 4 |
| inInstitution | 0–n | 5 |
| hasLocation | 0–1 | 6 |
| hasExternalLink | 0–n | 7 |

**resource Image3D**: DDDRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasCopyright | 0–1 | 4 |
| HasFiles | 0-1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Audio**: AudioRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasInterval | 0–1 | 4 |
| hasCopyright | 0–1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Video**: MovingImageRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasInterval | 0–1 | 4 |
| hasCopyright | 0–1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Book**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1–n | 1 |
| hasDescription | 0–1 | 2 |
| hasAuthor | 0–n | 3 |
| hasDate | 0–1 | 4 |
| inInstitution | 0–n | 5 |
| hasLocation | 0–1 | 6 |
| hasCopyright | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Page**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTextMedium | 0–1 |  |
| hasPagenum | 1 | 1 |
| hasDescription | 0–1 | 2 |
| partOf | 1 | 3 |
| hasTranscription | 0–1 | 4 |
| hasTransliteration | 0–1 | 5 |
| hasTranslation | 0–n | 6 |
| hasBibliographicReference | 0–n | 7 |

**resource Person**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasIdentifier | 0–1 | 2 |
| hasChildren | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Institution**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasLocation | 0–1 | 2 |
| hasIdentifier | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Object**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasImage | 0–1 |  |
| hasCategory | 1 | 1 |
| hasName | 1 | 2 |
| hasDescription | 1 | 3 |
| hasWeight | 0–1 | 4 |
| hasCreator | 0–1 | 5 |
| hasFindspot | 0–1 | 6 |
| hasDate | 0–1 | 7 |
| inInstitution | 0–n | 8 |
| hasLocation | 0–1 | 9 |
| hasInventoryNumber | 0–1 | 10 |
| isPublic | 0–1 | 11 |
| hasColor | 0–1 | 12 |
| hasExternalLink | 0–n | 13 |

**Resource Document**: DocumentRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |
| HasTime | 0–1 | 3 |

**Resource TextDocument**: TextRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**Resource Archive**: ArchiveRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**resource Image2D**: StillImageRepresentation

**resource Image3D**: DDDRepresentation

**resource Audio**: AudioRepresentation

**resource Video**: MovingImageRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasInterval | 0–1 | 4 |
| hasCopyright | 0–1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Book**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1–n | 1 |
| hasDescription | 0–1 | 2 |
| hasAuthor | 0–n | 3 |
| hasDate | 0–1 | 4 |
| inInstitution | 0–n | 5 |
| hasLocation | 0–1 | 6 |
| hasCopyright | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Page**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTextMedium | 0–1 |  |
| hasPagenum | 1 | 1 |
| hasDescription | 0–1 | 2 |
| partOf | 1 | 3 |
| hasTranscription | 0–1 | 4 |
| hasTransliteration | 0–1 | 5 |
| hasTranslation | 0–n | 6 |
| hasBibliographicReference | 0–n | 7 |

**resource Person**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasIdentifier | 0–1 | 2 |
| hasChildren | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Institution**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasLocation | 0–1 | 2 |
| hasIdentifier | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Object**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasImage | 0–1 |  |
| hasCategory | 1 | 1 |
| hasName | 1 | 2 |
| hasDescription | 1 | 3 |
| hasWeight | 0–1 | 4 |
| hasCreator | 0–1 | 5 |
| hasFindspot | 0–1 | 6 |
| hasDate | 0–1 | 7 |
| inInstitution | 0–n | 8 |
| hasLocation | 0–1 | 9 |
| hasInventoryNumber | 0–1 | 10 |
| isPublic | 0–1 | 11 |
| hasColor | 0–1 | 12 |
| hasExternalLink | 0–n | 13 |

**Resource Document**: DocumentRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |
| HasTime | 0–1 | 3 |

**Resource TextDocument**: TextRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**Resource Archive**: ArchiveRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**Testproject rosetta**

**list category**

|  |  |  |
| --- | --- | --- |
| artwork |  |  |
| vehicles |  |  |
| nature |  |  |
| nature | humans |  |
| nature | animals |  |
| nature | animals | mammals |
| nature | animals | insects |
| nature | animals | birds |
| nature | animals | amphibians |
| nature | animals | reptiles |
| nature | plants |  |
| nature | weather |  |
| nature | physics |  |

**properties**

|  |  |  |  |
| --- | --- | --- | --- |
| **name** | **super** | **object** | **GUI-element** |
| hasTextMedium | hasLinkTo | :Image2D | Searchbox |
| hasImage | hasLinkTo | :Image2D | Searchbox |
| hasOriginalText | hasValue | TextValue | Richtext |
| hasTranscription | hasValue | TextValue | Richtext |
| hasTransliteration | hasValue | TextValue | Richtext |
| hasTranslation | hasValue | TextValue | Richtext |
| hasDescription | hasValue | TextValue | Richtext |
| hasAuthor | hasLinkTo | :Person | Searchbox |
| hasName | hasValue | TextValue | SimpleText |
| hasTitle | hasValue | TextValue | SimpleText |
| hasDate | hasValue | DateValue | Date |
| hasInterval | hasValue | IntervalValue | Interval |
| hasFindspot | hasValue | GeonameValue | Geonames |
| hasLocation | hasValue | GeonameValue | Geonames |
| hasGeoname | hasValue | GeonameValue | Geonames |
| hasBibliographicReference | hasValue | TextValue | Richtext |
| hasExternalLink | hasValue | UriValue | SimpleText |
| hasIdentifier | hasValue | UriValue | SimpleText |
| hasRelatedArtwork | hasLinkTo | Resource | Searchbox |
| hasCreator | hasLinkTo | :Person | Searchbox |
| inInstitution | hasLinkTo | :Institution | Searchbox |
| hasInventoryNumber | hasValue | TextValue | SimpleText |
| hasPagenum | hasValue | TextValue | SimpleText |
| partOf | isPartOf | :Book | Searchbox |
| hasCategory | hasValue | ListValue | Pulldown |
| hasAnnotation | hasLinkTo | Annotation | Searchbox |
| hasColor | hasValue | ColorValue | Colorpicker |
| hasCopyright | hasValue | TextValue | SimpleText |
| hasGeometry | hasValue | GeomValue | Geometry |
| isPublic | hasValue | BooleanValue | Checkbox |
| hasChildren | hasValue | IntValue | Spinbox |
| hasWeight | hasValue | DecimalValue | SimpleText |
| hasRegion | hasLinkTo | Region | Searchbox |
| hasFiles | hasLinkTo | Document | Searchbox |

**resource Text**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTextMedium | 0–1 |  |
| hasAuthor | 0–1 | 1 |
| hasTitle | 0–1 | 2 |
| hasOriginalText | 0–1 | 3 |
| hasTranscription | 0–1 | 4 |
| hasTransliteration | 0–1 | 5 |
| hasTranslation | 0–n | 6 |
| hasFindspot | 0–1 | 7 |
| hasBibliographicReference | 0–n | 8 |
| inInstitution | 0–n | 9 |
| hasLocation | 0–1 | 10 |
| hasCopyright | 0–1 | 11 |
| hasExternalLink | 0–n | 12 |
| hasRelatedArtwork | 0–1 | 13 |

**resource Image2D**: StillImageRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasCopyright | 0–1 | 4 |
| inInstitution | 0–n | 5 |
| hasLocation | 0–1 | 6 |
| hasExternalLink | 0–n | 7 |

**resource Image3D**: DDDRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasCopyright | 0–1 | 4 |
| HasFiles | 0-1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Audio**: AudioRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasInterval | 0–1 | 4 |
| hasCopyright | 0–1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Video**: MovingImageRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasInterval | 0–1 | 4 |
| hasCopyright | 0–1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Book**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1–n | 1 |
| hasDescription | 0–1 | 2 |
| hasAuthor | 0–n | 3 |
| hasDate | 0–1 | 4 |
| inInstitution | 0–n | 5 |
| hasLocation | 0–1 | 6 |
| hasCopyright | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Page**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTextMedium | 0–1 |  |
| hasPagenum | 1 | 1 |
| hasDescription | 0–1 | 2 |
| partOf | 1 | 3 |
| hasTranscription | 0–1 | 4 |
| hasTransliteration | 0–1 | 5 |
| hasTranslation | 0–n | 6 |
| hasBibliographicReference | 0–n | 7 |

**resource Person**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasIdentifier | 0–1 | 2 |
| hasChildren | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Institution**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasLocation | 0–1 | 2 |
| hasIdentifier | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Object**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasImage | 0–1 |  |
| hasCategory | 1 | 1 |
| hasName | 1 | 2 |
| hasDescription | 1 | 3 |
| hasWeight | 0–1 | 4 |
| hasCreator | 0–1 | 5 |
| hasFindspot | 0–1 | 6 |
| hasDate | 0–1 | 7 |
| inInstitution | 0–n | 8 |
| hasLocation | 0–1 | 9 |
| hasInventoryNumber | 0–1 | 10 |
| isPublic | 0–1 | 11 |
| hasColor | 0–1 | 12 |
| hasExternalLink | 0–n | 13 |

**Resource Document**: DocumentRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |
| HasTime | 0–1 | 3 |

**Resource TextDocument**: TextRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**Resource Archive**: ArchiveRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**Testproject rosetta**

**list category**

|  |  |  |
| --- | --- | --- |
| artwork |  |  |
| vehicles |  |  |
| nature |  |  |
| nature | humans |  |
| nature | animals |  |
| nature | animals | mammals |
| nature | animals | insects |
| nature | animals | birds |
| nature | animals | amphibians |
| nature | animals | reptiles |
| nature | plants |  |
| nature | weather |  |
| nature | physics |  |

**properties**

|  |  |  |  |
| --- | --- | --- | --- |
| **name** | **super** | **object** | **GUI-element** |
| hasTextMedium | hasLinkTo | :Image2D | Searchbox |
| hasImage | hasLinkTo | :Image2D | Searchbox |
| hasOriginalText | hasValue | TextValue | Richtext |
| hasTranscription | hasValue | TextValue | Richtext |
| hasTransliteration | hasValue | TextValue | Richtext |
| hasTranslation | hasValue | TextValue | Richtext |
| hasDescription | hasValue | TextValue | Richtext |
| hasAuthor | hasLinkTo | :Person | Searchbox |
| hasName | hasValue | TextValue | SimpleText |
| hasTitle | hasValue | TextValue | SimpleText |
| hasDate | hasValue | DateValue | Date |
| hasInterval | hasValue | IntervalValue | Interval |
| hasFindspot | hasValue | GeonameValue | Geonames |
| hasLocation | hasValue | GeonameValue | Geonames |
| hasGeoname | hasValue | GeonameValue | Geonames |
| hasBibliographicReference | hasValue | TextValue | Richtext |
| hasExternalLink | hasValue | UriValue | SimpleText |
| hasIdentifier | hasValue | UriValue | SimpleText |
| hasRelatedArtwork | hasLinkTo | Resource | Searchbox |
| hasCreator | hasLinkTo | :Person | Searchbox |
| inInstitution | hasLinkTo | :Institution | Searchbox |
| hasInventoryNumber | hasValue | TextValue | SimpleText |
| hasPagenum | hasValue | TextValue | SimpleText |
| partOf | isPartOf | :Book | Searchbox |
| hasCategory | hasValue | ListValue | Pulldown |
| hasAnnotation | hasLinkTo | Annotation | Searchbox |
| hasColor | hasValue | ColorValue | Colorpicker |
| hasCopyright | hasValue | TextValue | SimpleText |
| hasGeometry | hasValue | GeomValue | Geometry |
| isPublic | hasValue | BooleanValue | Checkbox |
| hasChildren | hasValue | IntValue | Spinbox |
| hasWeight | hasValue | DecimalValue | SimpleText |
| hasRegion | hasLinkTo | Region | Searchbox |
| hasFiles | hasLinkTo | Document | Searchbox |

**resource Text**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTextMedium | 0–1 |  |
| hasAuthor | 0–1 | 1 |
| hasTitle | 0–1 | 2 |
| hasOriginalText | 0–1 | 3 |
| hasTranscription | 0–1 | 4 |
| hasTransliteration | 0–1 | 5 |
| hasTranslation | 0–n | 6 |
| hasFindspot | 0–1 | 7 |
| hasBibliographicReference | 0–n | 8 |
| inInstitution | 0–n | 9 |
| hasLocation | 0–1 | 10 |
| hasCopyright | 0–1 | 11 |
| hasExternalLink | 0–n | 12 |
| hasRelatedArtwork | 0–1 | 13 |

**resource Image2D**: StillImageRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasCopyright | 0–1 | 4 |
| inInstitution | 0–n | 5 |
| hasLocation | 0–1 | 6 |
| hasExternalLink | 0–n | 7 |

**resource Image3D**: DDDRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasCopyright | 0–1 | 4 |
| HasFiles | 0-1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Audio**: AudioRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasInterval | 0–1 | 4 |
| hasCopyright | 0–1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Video**: MovingImageRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasInterval | 0–1 | 4 |
| hasCopyright | 0–1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Book**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1–n | 1 |
| hasDescription | 0–1 | 2 |
| hasAuthor | 0–n | 3 |
| hasDate | 0–1 | 4 |
| inInstitution | 0–n | 5 |
| hasLocation | 0–1 | 6 |
| hasCopyright | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Page**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTextMedium | 0–1 |  |
| hasPagenum | 1 | 1 |
| hasDescription | 0–1 | 2 |
| partOf | 1 | 3 |
| hasTranscription | 0–1 | 4 |
| hasTransliteration | 0–1 | 5 |
| hasTranslation | 0–n | 6 |
| hasBibliographicReference | 0–n | 7 |

**resource Person**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasIdentifier | 0–1 | 2 |
| hasChildren | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Institution**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasLocation | 0–1 | 2 |
| hasIdentifier | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Object**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasImage | 0–1 |  |
| hasCategory | 1 | 1 |
| hasName | 1 | 2 |
| hasDescription | 1 | 3 |
| hasWeight | 0–1 | 4 |
| hasCreator | 0–1 | 5 |
| hasFindspot | 0–1 | 6 |
| hasDate | 0–1 | 7 |
| inInstitution | 0–n | 8 |
| hasLocation | 0–1 | 9 |
| hasInventoryNumber | 0–1 | 10 |
| isPublic | 0–1 | 11 |
| hasColor | 0–1 | 12 |
| hasExternalLink | 0–n | 13 |

**Resource Document**: DocumentRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |
| HasTime | 0–1 | 3 |

**Resource TextDocument**: TextRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**Resource Archive**: ArchiveRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**Testproject rosetta**

**list category**

|  |  |  |
| --- | --- | --- |
| artwork |  |  |
| vehicles |  |  |
| nature |  |  |
| nature | humans |  |
| nature | animals |  |
| nature | animals | mammals |
| nature | animals | insects |
| nature | animals | birds |
| nature | animals | amphibians |
| nature | animals | reptiles |
| nature | plants |  |
| nature | weather |  |
| nature | physics |  |

**properties**

|  |  |  |  |
| --- | --- | --- | --- |
| **name** | **super** | **object** | **GUI-element** |
| hasTextMedium | hasLinkTo | :Image2D | Searchbox |
| hasImage | hasLinkTo | :Image2D | Searchbox |
| hasOriginalText | hasValue | TextValue | Richtext |
| hasTranscription | hasValue | TextValue | Richtext |
| hasTransliteration | hasValue | TextValue | Richtext |
| hasTranslation | hasValue | TextValue | Richtext |
| hasDescription | hasValue | TextValue | Richtext |
| hasAuthor | hasLinkTo | :Person | Searchbox |
| hasName | hasValue | TextValue | SimpleText |
| hasTitle | hasValue | TextValue | SimpleText |
| hasDate | hasValue | DateValue | Date |
| hasInterval | hasValue | IntervalValue | Interval |
| hasFindspot | hasValue | GeonameValue | Geonames |
| hasLocation | hasValue | GeonameValue | Geonames |
| hasGeoname | hasValue | GeonameValue | Geonames |
| hasBibliographicReference | hasValue | TextValue | Richtext |
| hasExternalLink | hasValue | UriValue | SimpleText |
| hasIdentifier | hasValue | UriValue | SimpleText |
| hasRelatedArtwork | hasLinkTo | Resource | Searchbox |
| hasCreator | hasLinkTo | :Person | Searchbox |
| inInstitution | hasLinkTo | :Institution | Searchbox |
| hasInventoryNumber | hasValue | TextValue | SimpleText |
| hasPagenum | hasValue | TextValue | SimpleText |
| partOf | isPartOf | :Book | Searchbox |
| hasCategory | hasValue | ListValue | Pulldown |
| hasAnnotation | hasLinkTo | Annotation | Searchbox |
| hasColor | hasValue | ColorValue | Colorpicker |
| hasCopyright | hasValue | TextValue | SimpleText |
| hasGeometry | hasValue | GeomValue | Geometry |
| isPublic | hasValue | BooleanValue | Checkbox |
| hasChildren | hasValue | IntValue | Spinbox |
| hasWeight | hasValue | DecimalValue | SimpleText |
| hasRegion | hasLinkTo | Region | Searchbox |
| hasFiles | hasLinkTo | Document | Searchbox |

**resource Text**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTextMedium | 0–1 |  |
| hasAuthor | 0–1 | 1 |
| hasTitle | 0–1 | 2 |
| hasOriginalText | 0–1 | 3 |
| hasTranscription | 0–1 | 4 |
| hasTransliteration | 0–1 | 5 |
| hasTranslation | 0–n | 6 |
| hasFindspot | 0–1 | 7 |
| hasBibliographicReference | 0–n | 8 |
| inInstitution | 0–n | 9 |
| hasLocation | 0–1 | 10 |
| hasCopyright | 0–1 | 11 |
| hasExternalLink | 0–n | 12 |
| hasRelatedArtwork | 0–1 | 13 |

**resource Image2D**: StillImageRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasCopyright | 0–1 | 4 |
| inInstitution | 0–n | 5 |
| hasLocation | 0–1 | 6 |
| hasExternalLink | 0–n | 7 |

**resource Image3D**: DDDRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasCopyright | 0–1 | 4 |
| HasFiles | 0-1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Audio**: AudioRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasInterval | 0–1 | 4 |
| hasCopyright | 0–1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Video**: MovingImageRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasInterval | 0–1 | 4 |
| hasCopyright | 0–1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Book**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1–n | 1 |
| hasDescription | 0–1 | 2 |
| hasAuthor | 0–n | 3 |
| hasDate | 0–1 | 4 |
| inInstitution | 0–n | 5 |
| hasLocation | 0–1 | 6 |
| hasCopyright | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Page**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTextMedium | 0–1 |  |
| hasPagenum | 1 | 1 |
| hasDescription | 0–1 | 2 |
| partOf | 1 | 3 |
| hasTranscription | 0–1 | 4 |
| hasTransliteration | 0–1 | 5 |
| hasTranslation | 0–n | 6 |
| hasBibliographicReference | 0–n | 7 |

**resource Person**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasIdentifier | 0–1 | 2 |
| hasChildren | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Institution**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasLocation | 0–1 | 2 |
| hasIdentifier | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Object**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasImage | 0–1 |  |
| hasCategory | 1 | 1 |
| hasName | 1 | 2 |
| hasDescription | 1 | 3 |
| hasWeight | 0–1 | 4 |
| hasCreator | 0–1 | 5 |
| hasFindspot | 0–1 | 6 |
| hasDate | 0–1 | 7 |
| inInstitution | 0–n | 8 |
| hasLocation | 0–1 | 9 |
| hasInventoryNumber | 0–1 | 10 |
| isPublic | 0–1 | 11 |
| hasColor | 0–1 | 12 |
| hasExternalLink | 0–n | 13 |

**Resource Document**: DocumentRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |
| HasTime | 0–1 | 3 |

**Resource TextDocument**: TextRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**Resource Archive**: ArchiveRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**Testproject rosetta**

**list category**

|  |  |  |
| --- | --- | --- |
| artwork |  |  |
| vehicles |  |  |
| nature |  |  |
| nature | humans |  |
| nature | animals |  |
| nature | animals | mammals |
| nature | animals | insects |
| nature | animals | birds |
| nature | animals | amphibians |
| nature | animals | reptiles |
| nature | plants |  |
| nature | weather |  |
| nature | physics |  |

**properties**

|  |  |  |  |
| --- | --- | --- | --- |
| **name** | **super** | **object** | **GUI-element** |
| hasTextMedium | hasLinkTo | :Image2D | Searchbox |
| hasImage | hasLinkTo | :Image2D | Searchbox |
| hasOriginalText | hasValue | TextValue | Richtext |
| hasTranscription | hasValue | TextValue | Richtext |
| hasTransliteration | hasValue | TextValue | Richtext |
| hasTranslation | hasValue | TextValue | Richtext |
| hasDescription | hasValue | TextValue | Richtext |
| hasAuthor | hasLinkTo | :Person | Searchbox |
| hasName | hasValue | TextValue | SimpleText |
| hasTitle | hasValue | TextValue | SimpleText |
| hasDate | hasValue | DateValue | Date |
| hasInterval | hasValue | IntervalValue | Interval |
| hasFindspot | hasValue | GeonameValue | Geonames |
| hasLocation | hasValue | GeonameValue | Geonames |
| hasGeoname | hasValue | GeonameValue | Geonames |
| hasBibliographicReference | hasValue | TextValue | Richtext |
| hasExternalLink | hasValue | UriValue | SimpleText |
| hasIdentifier | hasValue | UriValue | SimpleText |
| hasRelatedArtwork | hasLinkTo | Resource | Searchbox |
| hasCreator | hasLinkTo | :Person | Searchbox |
| inInstitution | hasLinkTo | :Institution | Searchbox |
| hasInventoryNumber | hasValue | TextValue | SimpleText |
| hasPagenum | hasValue | TextValue | SimpleText |
| partOf | isPartOf | :Book | Searchbox |
| hasCategory | hasValue | ListValue | Pulldown |
| hasAnnotation | hasLinkTo | Annotation | Searchbox |
| hasColor | hasValue | ColorValue | Colorpicker |
| hasCopyright | hasValue | TextValue | SimpleText |
| hasGeometry | hasValue | GeomValue | Geometry |
| isPublic | hasValue | BooleanValue | Checkbox |
| hasChildren | hasValue | IntValue | Spinbox |
| hasWeight | hasValue | DecimalValue | SimpleText |
| hasRegion | hasLinkTo | Region | Searchbox |
| hasFiles | hasLinkTo | Document | Searchbox |

**resource Text**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTextMedium | 0–1 |  |
| hasAuthor | 0–1 | 1 |
| hasTitle | 0–1 | 2 |
| hasOriginalText | 0–1 | 3 |
| hasTranscription | 0–1 | 4 |
| hasTransliteration | 0–1 | 5 |
| hasTranslation | 0–n | 6 |
| hasFindspot | 0–1 | 7 |
| hasBibliographicReference | 0–n | 8 |
| inInstitution | 0–n | 9 |
| hasLocation | 0–1 | 10 |
| hasCopyright | 0–1 | 11 |
| hasExternalLink | 0–n | 12 |
| hasRelatedArtwork | 0–1 | 13 |

**resource Image2D**: StillImageRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasCopyright | 0–1 | 4 |
| inInstitution | 0–n | 5 |
| hasLocation | 0–1 | 6 |
| hasExternalLink | 0–n | 7 |

**resource Image3D**: DDDRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasCopyright | 0–1 | 4 |
| HasFiles | 0-1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Audio**: AudioRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasInterval | 0–1 | 4 |
| hasCopyright | 0–1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Video**: MovingImageRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1 |  |
| hasCreator | 0–1 | 1 |
| hasDate | 0–1 | 2 |
| hasDescription | 0–1 | 3 |
| hasInterval | 0–1 | 4 |
| hasCopyright | 0–1 | 5 |
| inInstitution | 0–n | 6 |
| hasLocation | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Book**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTitle | 1–n | 1 |
| hasDescription | 0–1 | 2 |
| hasAuthor | 0–n | 3 |
| hasDate | 0–1 | 4 |
| inInstitution | 0–n | 5 |
| hasLocation | 0–1 | 6 |
| hasCopyright | 0–1 | 7 |
| hasExternalLink | 0–n | 8 |

**resource Page**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasTextMedium | 0–1 |  |
| hasPagenum | 1 | 1 |
| hasDescription | 0–1 | 2 |
| partOf | 1 | 3 |
| hasTranscription | 0–1 | 4 |
| hasTransliteration | 0–1 | 5 |
| hasTranslation | 0–n | 6 |
| hasBibliographicReference | 0–n | 7 |

**resource Person**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasIdentifier | 0–1 | 2 |
| hasChildren | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Institution**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasLocation | 0–1 | 2 |
| hasIdentifier | 0–1 | 3 |
| hasExternalLink | 0–n | 4 |

**resource Object**: Resource

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasImage | 0–1 |  |
| hasCategory | 1 | 1 |
| hasName | 1 | 2 |
| hasDescription | 1 | 3 |
| hasWeight | 0–1 | 4 |
| hasCreator | 0–1 | 5 |
| hasFindspot | 0–1 | 6 |
| hasDate | 0–1 | 7 |
| inInstitution | 0–n | 8 |
| hasLocation | 0–1 | 9 |
| hasInventoryNumber | 0–1 | 10 |
| isPublic | 0–1 | 11 |
| hasColor | 0–1 | 12 |
| hasExternalLink | 0–n | 13 |

**Resource Document**: DocumentRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |
| HasTime | 0–1 | 3 |

**Resource TextDocument**: TextRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |

**Resource Archive**: ArchiveRepresentation

|  |  |  |
| --- | --- | --- |
| **property** | **cardinality** | **GUI-order** |
| hasName | 1 | 1 |
| hasDescription | 1 | 2 |