

## Background

This document describes O.K.I. OSID v2.0 Types for the Edgerton Digital Collections. This material is based on:

Wolfe, Robert. Draft Metadata Information Models. December 12, 2008.

## Asset Types

Display Name	Type Authority	Type Domain	Type Keyword
Edgerton Digital Collections Notebook	mit.edu	asset	container
Edgerton Digital Collections Notebook Page	mit.edu	asset	item
Edgerton Digital Collections Notebook Page File	mit.edu	asset	file
Edgerton Digital Collections Image	mit.edu	asset	image
Edgerton Digital Collections Video	mit.edu	asset	video

## Record Structure Types

Asset Type	Display Name	Type Authority	Type Domain	Type Keyword
asset/ <a href="#">container@mit.edu</a>	Edgerton Digital Collections Notebook	edc.mit.edu	recordStructure	notebookContainer
asset/ <a href="#">item@mit.edu</a>	Edgerton Digital Collections Notebook Page	edc.mit.edu	recordStructure	notebokItem
asset/ <a href="#">file@mit.edu</a>	Edgerton Digital Collections Notebook Page File	edc.mit.edu	recordStructure	notebookFile
asset/ <a href="#">image@mit.edu</a>	Edgerton Digital Collections Image	edc.mit.edu	recordStructure	image
asset/ <a href="#">video@mit.edu</a>	Edgerton Digital Collections Video	edc.mit.edu	recordStructure	video

## Mandatory Record Structures

Asset Type	Record Structure Display Name
asset/ <a href="#">container@mit.edu</a>	Edgerton Digital Collections Notebook
asset/ <a href="#">item@mit.edu</a>	Edgerton Digital Collections Notebook Page
asset/ <a href="#">file@mit.edu</a>	Edgerton Digital Collections Notebook Page File
asset/ <a href="#">image@mit.edu</a>	Edgerton Digital Collections Image
asset/ <a href="#">video@mit.edu</a>	Edgerton Digital Collections Video

### Record Structure Properties

Display Name	Description	Id	Format	Schema
Edgerton Digital Collections Notebook	Edgerton Digital Collections Notebook	edc.mit.edu.notebook.recordstructure.id	String	Dublin Core
Edgerton Digital Collections Notebook Page	Edgerton Digital Collections Notebook Page	edc.mit.edu.notebookPage.recordstructure.id	String	Dublin Core
Edgerton Digital Collections Notebook Page File	Edgerton Digital Collections Notebook Page File	edc.mit.edu.notebookPageFile.recordstructure.id	String	Dublin Core
Edgerton Digital Collections Image	Edgerton Digital Collections Image	edc.mit.edu.image.recordstructure.id	String	Dublin Core
Edgerton Digital Collections Video	Edgerton Digital Collections Video	edc.mit.edu.video.recordstructure.id	String	Dublin Core

### Container Record Structure Parts

Refer to [Draft Metadata Information Models](#) for values for `isMandatory()`, `isRepeatable()`, `isPopulatedByRepository()` and to know the data type and any controlled vocabulary.

Display Name	Description	Id	Type
Identifier	Identifier (dcterms:identifier)	edc.mit.edu.container.recordstructure.identifier.partstructure.id	partStructure/ identifier@mit.edu
Provenance	Provenance (dcterms:provenance)	edc.mit.edu.container.recordstructure.provenance.partstructure.id	partStructure/ provenance@mit.edu

Display Name	Description	Id	Type
Custodian	Custodian (dcterms:publisher)	edc.mit.edu.container.recordstructure.custodian.partstructure.id	partStructure/publisher@mit.edu
Copyright	Copyright (dcterms:rights)	edc.mit.edu.container.recordstructure.copyright.partstructure.id	partStructure/rights@mit.edu
Title	Title (dcterms:title)	edc.mit.edu.container.recordstructure.title.partstructure.id	partStructure/title@mit.edu
Author	Author (dcterms:contributor)	edc.mit.edu.container.recordstructure.author.partstructure.id	partStructure/contributor@mit.edu
Description	Description (dcterms:abstract)	edc.mit.edu.container.recordstructure.description.partstructure.id	partStructure/description@mit.edu
Language	Language (dcterms:language)	edc.mit.edu.container.recordstructure.language.partstructure.id	partStructure/language@mit.edu
Date	Date (dcterms:temporal)	edc.mit.edu.container.recordstructure.date.partstructure.id	partStructure/coverageTemporal@mit.edu
Location	Location (dcterms:spatial)	edc.mit.edu.container.recordstructure.location.partstructure.id	partStructure/coverageSpatial@mit.edu
Topic	Topic (dcterms:subject)	edc.mit.edu.container.recordstructure.topic.partstructure.id	partStructure/subject@mit.edu
Type	Type (dcterms:type)	edc.mit.edu.container.recordstructure.type.partstructure.id	partStructure/type@mit.edu
Collection	Collection (dcterms:isPartOf)	edc.mit.edu.container.recordstructure.collection.partstructure.id	partStructure/relationIsPartOf@mit.edu
Dublin Core	Content as a Dublin Core record	edc.mit.edu.container.recordstructure.dcxml.partstructure.id	partStructure/dcXML@mit.edu

### Item Record Structure Parts

Display Name	Description	Id	Type
Identifier	Identifier (dcterms:identifier)	edc.mit.edu.item.recordstructure.identifier.partstructure.id	partStructure/identifier@mit.edu
Provenance	Provenance (dcterms:provenance)	edc.mit.edu.item.recordstructure.provenance.partstructure.id	partStructure/provenance@mit.edu
Custodian	Custodian (dcterms:publisher)	edc.mit.edu.item.recordstructure.custodian.partstructure.id	partStructure/publisher@mit.edu

Display Name	Description	Id	Type
Copyright	Copyright (dcterms:rights)	edc.mit.edu.item.recordstructure.copyright.partstructure.id	partStructure/rights@mit.edu
Title	Title (dcterms:title)	edc.mit.edu.item.recordstructure.title.partstructure.id	partStructure/title@mit.edu
Author	Author (dcterms:contributor)	edc.mit.edu.item.recordstructure.author.partstructure.id	partStructure/contributor@mit.edu
Description	Description (dcterms:abstract)	edc.mit.edu.item.recordstructure.description.partstructure.id	partStructure/description@mit.edu
Language	Language (dcterms:language)	edc.mit.edu.item.recordstructure.language.partstructure.id	partStructure/language@mit.edu
Date	Date (dcterms:temporal)	edc.mit.edu.item.recordstructure.date.partstructure.id	partStructure/coverageTemporal@mit.edu
Location	Location (dcterms:spatial)	edc.mit.edu.item.recordstructure.location.partstructure.id	partStructure/coverageSpatial@mit.edu
Topic	Topic (dcterms:subject)	edc.mit.edu.item.recordstructure.topic.partstructure.id	partStructure/subject@mit.edu
Type	Type (dcterms:type)	edc.mit.edu.item.recordstructure.type.partstructure.id	partStructure/type@mit.edu
Collection	Collection (dcterms:isPartOf)	edc.mit.edu.item.recordstructure.collection.partstructure.id	partStructure/relationIsPartOf@mit.edu
Size	Size (dcterms:extent)	edc.mit.edu.item.recordstructure.size.partstructure.id	partStructure/formatDimensions@mit.edu
Format	Format (dcterms:medium)	edc.mit.edu.item.recordstructure.format.partstructure.id	partStructure/medium@mit.edu
Person	Person (dcterms:subject)	edc.mit.edu.item.recordstructure.person.partstructure.id	partStructure/subject@mit.edu
Place	Place (dcterms:subject)	edc.mit.edu.item.recordstructure.place.partstructure.id	partStructure/subject@mit.edu
Sequence	Sequence (dcterms:extent)	edc.mit.edu.item.recordstructure.sequence.partstructure.id	partStructure/formatExtent@mit.edu
Item	Item (dcterms:relation)	edc.mit.edu.item.recordstructure.item.partstructure.id	partStructure/relation@mit.edu
File	File (dcterms:hasPart)	edc.mit.edu.item.recordstructure.file.partstructure.id	partStructure/relationHasPart@mit.edu
Dublin Core	Content as a Dublin Core record	edc.mit.edu.item.recordstructure.dcxml.partstructure.id	partStructure/dcXML@mit.edu

## File Record Structure Parts

Display Name	Description	Id	Type
Identifier	Identifier (dcterms:identifier)	edc.mit.edu.container.recordstructure.file.partstructure.id	partStructure/identifier@mit.edu
Type	Type (dcterms:type)	edc.mit.edu.file.recordstructure.type.partstructure.id	partStructure/type@mit.edu
Provenance	Provenance (dcterms:provenance)	edc.mit.edu.file.recordstructure.provenance.partstructure.id	partStructure/provenance@mit.edu
Date	Date (dcterms:temporal)	edc.mit.edu.file.recordstructure.date.partstructure.id	partStructure/coverageTemporal@mit.edu
Format	Format (dcterms:format)	edc.mit.edu.file.recordstructure.format.partstructure.id	partStructure/format@mit.edu
Size	Size (dcterms:extent)	edc.mit.edu.file.recordstructure.size.partstructure.id	partStructure/formatSizeInKB@mit.edu
Relation	Relation (dcterms:isPartOf)	edc.mit.edu.item.recordstructure.Relation.partstructure.id	partStructure/relationIsPartOf@mit.edu
Dublin Core	Content as a Dublin Core record	edc.mit.edu.file.recordstructure.dcxml.partstructure.id	partStructure/dcXML@mit.edu

## Image Record Structure Parts

## Video Record Structure Parts

## Search Types

With the exception of the MultiField search, all criteria are assumed to be unformatted strings. MultiField assumes the criteria are expressed using XML.

Type Authority	Type Domain	Type Keyword	Description
mit,edu	search	keyword	Search for an occurrences of the exact criteria, but ignoring case in any of the following fields: <i>Provenance, Custodian, Title, Author, Description, Location, Topic, Collection, Date, Subject</i> .
mit,edu	search	title	Search for an occurrences of the exact criteria, but ignoring case in the <i>Title</i> field.
mit,edu	search	author	Search for an occurrences of the exact criteria, but ignoring case in the <i>Author</i> field.
mit,edu	search	description	Search for an occurrences of the exact criteria, but ignoring case in <i>Description</i> field.

Type Authority	Type Domain	Type Keyword	Description
mit,edu	search	identifier	Search for an occurrences of the exact criteria, but ignoring case in the <i>Identifier</i> field.
mit,edu	search	multiField	Search for occurrences of field values as specified in the MultiField criteria syntax.

### MultiPart Search Type XML Elements

Element Name	Description
type	The Type of the PartStructure, expressed in the form domain/keyword@authority.
value	The value to match.
match	The kind of match, one of: exact, any, all. Exact matches all words and order contiguously; any matches any space-delimited word in the criteria; matches all space-delimited words in the criteria, but without regard to order.
case	One of: match, ignore.
and	Requires matches for all fields contained within this element.
or	Requires a match with any of the fields contained within this element.
not	Requires no match with any of the fields contained within this element.

### Sample XML

```
<?xml version="1.0" encoding="UTF-8"?>
<criteria>
  <and>
    <field>
      <type></type>
      <value></value>
      <operator></operator>
      <case></case>
    </field>
    <field>
      <type></type>
      <value></value>
      <operator></operator>
      <case></case>
    </field>
  </and>
  <or>
    <field>
      <type></type>
```

```
        <value></value>
        <operator></operator>
        <case></case>
    </field>
</or>
</criteria>
```