



## **Edgerton Digital Archives Project**

*Draft Metadata Information Models*

*15 December 2008*

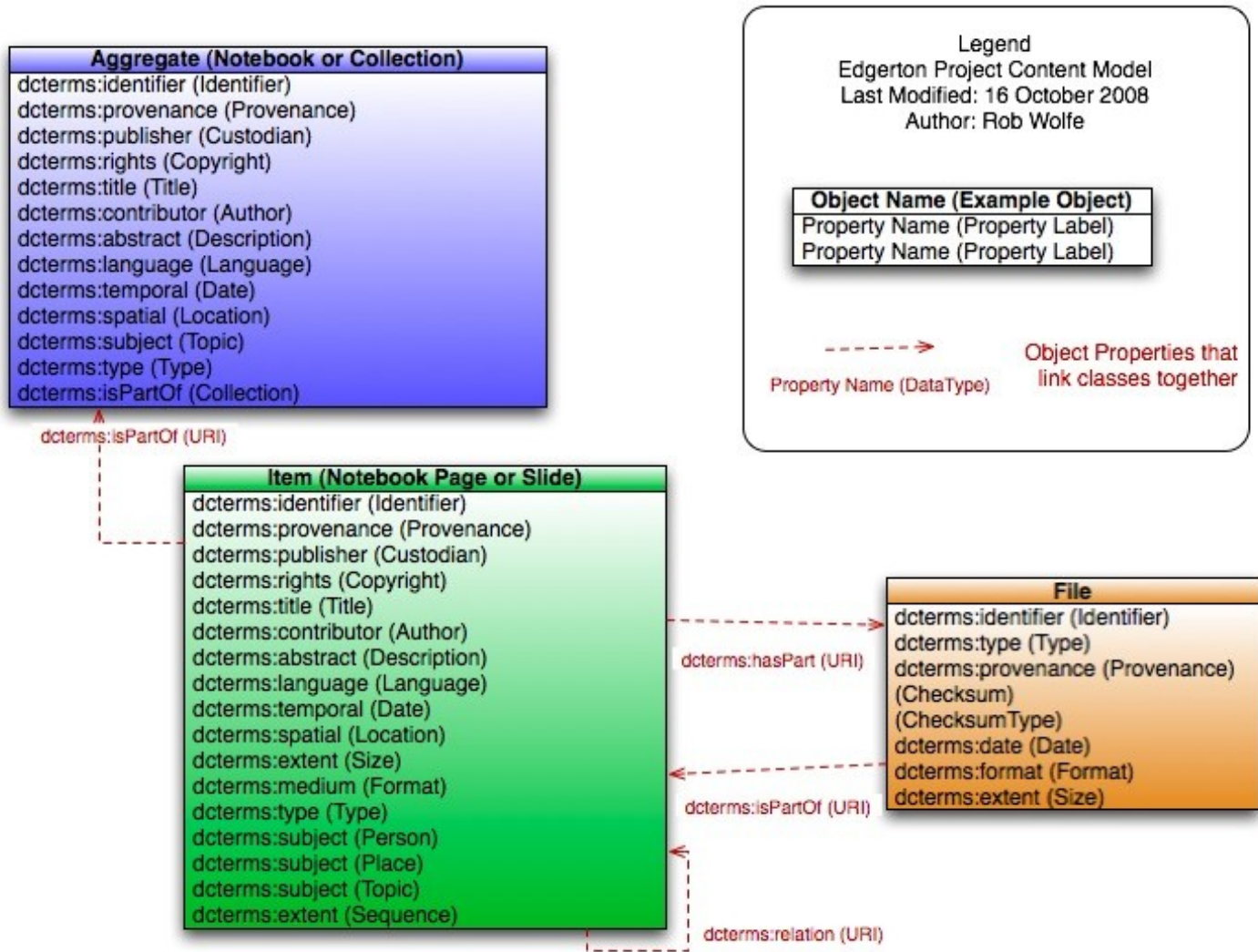
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## **Introduction**

This document defines the data model for the Edgerton Project. The following sections explain the organization and description of the objects that will be prepared and presented via the new interface that is currently under development. The sources of data that will be included in the description of objects is also explained.

# Edgerton Content Model



# Edgerton Metadata Strategy

## *Aggregation Information Model*

Property Label	Property Name	Cardinality	Value Space	Datatype	Usage Notes
<b>Administrative Metadata</b>					
Identifier	dcterms:identifier	1 and only 1	A persistent, globally unique identifier for the aggregation.	URI	
Provenance	dcterms:provenance	1 or more	A description of the events in the chain of custody of the physical AND digital manifestations of the aggregation.	String	
Custodian	dcterms:publisher	1 and only 1	The name of the owner of the digital manifestations of the aggregation.	String	
<b>Descriptive Metadata</b>					
Copyright	dcterms:rights	1 and only 1	A statement of the aggregation's copyright status.	String	Copyright is listed as a descriptive field because the metadata recording copyright status is not machine actionable.
Title	dcterms:title	1 and only 1	A unique name for the aggregation.	String	
Author	dcterms:contributor	1 or more	The names of of entities that participated in the creation of the aggregation.	String	URIs would be nice, but likely unavailable.
Description	dcterms:abstract	1 and only 1	A brief description of the aggregation and it's contents.	String	
Language	dcterms:language	1 and only 1	The primary language of the aggregation.	RFC4646	
Date	dcterms:temporal	0 or 1	The date of the creation of the aggregation.	DateTime	
Location	dcterms:spatial	0 or 1	The location of the creation of the aggregation.	String	
Topic	dcterms:subject	0 or more	Topics that characterize the whole aggregation.	String	
Type	dcterms:type	1 and only 1	The kind of aggregation.	String	It is strongly recommended that values for this property be chosen from a controlled vocabulary.
<b>Structural Metadata</b>					
Collection	dcterms:isPartOf	0 or more	The names of any series or other larger aggregations that the aggregation belongs to.	String	

## Item Information Model

Property Label	Property Name	Cardinality	Value Space	Datatype	Usage Notes
<b>Administrative Metadata</b>					
Identifier	dcterms:identifier	1 and only 1	A persistent, globally unique identifier for the item.	URI	
Provenance	dcterms:provenance	0 or more	A description of the events in the chain of custody of the digital manifestations of the item.	String	
Custodian	dcterms:publisher	1 and only 1	The name of the owner of the digital manifestations of the item.	String	
<b>Descriptive Metadata</b>					
Copyright	dcterms:rights	1 or more	A statement of the item's copyright status.	String	Can these items be given creative commons licenses?
Title	dcterms:title	1 and only 1	A name for the item.	String	
Author	dcterms:contributor	1 or more	The names of of entities that participated in the creation of the item.	String	URIs would be nice, but likely unavailable.
Description	dcterms:abstract	1 and only 1	A brief description of the item and it's contents.	String	
Language	dcterms:language	1 and only 1	The primary language of the item	RFC4646	
Date	dcterms:temporal	1 or more	The date of the creation of the item.	DateTime	
Location	dcterms:spatial	1 or more	The location of the creation of the item.		
Size	dcterms:extent	0 or 1	The size of the physical manifestation of the item.	String	
Format	dcterms:medium	0 or 1	The medium or format of the physical manifestation of the item.	String	
Type	dcterms:type	1 or more	The kinds of content included in the item.	String	Strongly recommended that this be a value from a controlled vocabulary
Person	dcterms:subject	0 or more	A person that is the subject of the item.	String	
Place	dcterms:subject	0 ore more	A place that is the subject of the item.	String	
Topic	dcterms:subject	0 or more	The subject of the item	String	
<b>Structural Metadata</b>					
Aggregation	dcterms:isPartOf	1 or more	The URI of the Aggregation to which the Item belongs	URI	
Sequence	dcterms:extent	1 and only 1	The number of the Item in the sequence of the Aggregation.	String	
Item	dcterms:relation	0 or more	Another Item in the repository to which this Item is related.	URI	
File	dcterms:hasPart	1 or more	The Files that are manifestations of the Item.	URI	

## ***File Information Model***

<b>Property Label</b>	<b>Property Name</b>	<b>Cardinality</b>	<b>Value Space</b>	<b>Datatype</b>	<b>Usage Notes</b>
<b>Administrative Metadata</b>					
Identifier	dcterms:identifier	1 and only 1	A persistent, globally unique identifier for the File.	URI	
Type	dcterms:type	1 and only 1	The type of manifestation of the Item this File represents.	String	
Provenance	dcterms:provenance	0 or more	A description of events in the chain of custody of this File.	String	
Checksum		1 and only 1	A checksum for the File.	String	
Checksum Type		1 and only 1	The type of checksum used for this File.	String	
Date	dcterms:date	1 and only 1	The last date of modification of the File.	Datetime	
Format	dcterms:format	1 and only 1	The Internet Media Format of the File.	String	
Size	dcterms:extent	1 and only 1	The size in bytes of the File.	Integer	

## Metadata Crosswalks

### *Mimsy Item Crosswalk*

Property Label	Property Name	Mobius Field	Translation Notes
<b>Administrative Metadata</b>			
Identifier	dcterms:identifier	ID_NUMBER	
Provenance	dcterms:provenance	----	Not Used
Custodian	dcterms:publisher	MIT MUSEUM	
<b>Descriptive Metadata</b>			
Copyright	dcterms:rights	CREDIT_LINE	
Title	dcterms:title	NAME_TITLE	
Author	dcterms:contributor	MAKER	
Description	dcterms:abstract	DESCRIPTION	
Language	dcterms:language	LANGUAGE	
Date	dcterms:temporal	DATE_MADE	May be NULL value, also may use EARLIEST_YEAR or LATEST_YEAR
Location	dcterms:spatial	PLACE_MADE	
Size	dcterms:extent	MEASUREMENTS	
Format	dcterms:medium	MATERIALS	
Type	dcterms:type	OBJECT_TYPE	
Person	dcterms:subject	OBJ_PEOPLE	Not Used
Place	dcterms:subject	PLACE_COLLECTED	
Topic	dcterms:subject	CATEGORY1	
<b>Structural Metadata</b>			
Aggregation	dcterms:isPartOf	OBJ_EXH	
Sequence	dcterms:extent		
Item	dcterms:relation		
File	dcterms:hasPart		

## ***DSpace Crosswalk***



## **Workflows**

### ***Database Prep Workflow***

#### **Record Loading**

for each Notebook:

Step 0: Create Notebook record

Step 1: Load File records

Step 2: Load Page records

Step 3:

#### **Record Editing**

Step 1: Add Image to File record

Step 2: Review Page record