Infrastructure - Feature #220

Add object class to system metadata

2010-02-03 20:06 - Dave Vieglais

Status:	Closed	**Start date:**	
Priority:	High	**Due date:**	
Assignee:	Dave Vieglais	**% Done:**	100%
Category:	Documentation	**Estimated time:**	0.00 hour
Target version:	CCI-0.3 Deployed		
Milestone:	None	**Story Points:**	
Product Version:	*		

Description

There is currently an attribute for "objectFormat" in the "system metadata schema": http://mule1.dataone.org/ArchitectureDocs/SystemMetadata.html, from which the object class (i.e. metadata, data or something else) can be determined, though this is a potentially ambiguous property (e.g. objectFormat="text/xml", or perhaps the data is contained within a metadata document).

Suggestion is to add a new attribute "objectClass", the values of which would be drawn from a controlled vocabulary of terms for different classes of object in DataONE.

ObjectFormat would then refer specifically to the format that the object is expressed as, and objectClass would specifically identify the referenced object as a data object or a science metadata object.

History

#1 - 2010-02-18 01:34 - Dave Vieglais

Needs further discussion - but sysmeta is fine for current operations.

#2 - 2010-02-19 21:39 - Dave Vieglais

This is a larger issue that requires additional discussion. Solution for now is to keep things as is and use a lookup table that maintains a list of the different types of information.

An edge case is the situation where data is embedded in EML - in such a situation, the same document would receive two identifiers, one indicating data and metadata. In this case, the ObjectFormat would be the same for both - so there would be no way to distinguish if the object being pointed to is in fact data or metadata.

#3 - 2010-03-16 04:08 - Dave Vieglais

The current model for objectFormat is sufficient. Revisit when necessary.