

## Infrastructure - Task #310

### update system metadata to reflect what clients provide

2010-03-02 18:57 - Matthew Jones

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Urgent	<b>Due date:</b>	
<b>Assignee:</b>	Matthew Jones	<b>% Done:</b>	100%
<b>Category:</b>	Documentation	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	CCI-0.3-specification	<b>Story Points:</b>	
<b>Milestone:</b>	None		
<b>Product Version:</b>	*		

#### Description

Dave and I discussed the system metadata that clients must provide when calling MN.create and MN.update. Summary of system metadata changes are below. Need to update both architecture docs and schema. Adjust cardinality so clients can provide valid documents.

Client Identifier IdentifierType 1  
Created DateTime 1 (DateUploaded)  
DROP SysMetadataCreated DateTime 1 (same as [DateUploaded](#))  
SysMetadataModified DateTime 1 (DateSysMetadataModified)  
Client ObjectFormat ObjectFormatType 1  
Client Size LongInteger 1  
Provenance

Client Submitter PrincipalType 1  
Client RightsHolder PrincipalType 1  
OriginMemberNode NodeReferenceType 1  
AuthoritativeMemberNode NodeReferenceType 1  
Client Obsoletes IdentifierType 0..n  
Client ObsoletedBy IdentifierType 0..n  
Client DerivedFrom IdentifierType 0..n  
Client Describes IdentifierType 0..n  
Client DescribedBy IdentifierType 0..n  
Replication

Replica <> 0..n  
ReplicaMemberNode NodeReferenceType 1  
ReplicationStatus String 1  
ReplicaVerified DateTime 1  
ReplicationPolicy String 1  
Data Consistency

Client Checksum String 1  
Client ChecksumAlgorithm String 1  
Access Control

Client EmbargoExpires DateTime 0..1  
Client AccessRule AccessRuleType 0..n

#### History

##### #1 - 2010-03-03 03:29 - Matthew Jones

Modified both the [SystemMetadata.txt](#) description and the XML Schema document for system metadata, and the corresponding instance document. Needs review by Dave & others to verify that I got this right, then this task can be closed.

##### #2 - 2010-03-10 07:04 - Matthew Jones

Closing system metadata revision task. If changes are needed, open another ticket.