

## Infrastructure - Task #3745

Story # 3729 (Closed): Member Nodes should be the authoritative source of System Metadata

### Add Replica version attribute

2013-05-07 17:05 - Chris Jones

<b>Status:</b>	Rejected	<b>Start date:</b>	2013-05-07
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Chris Jones	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	80.00 hours
<b>Target version:</b>	CCI-2.0.0	<b>Story Points:</b>	
<b>Milestone:</b>	None		
<b>Product Version:</b>			
<b>Description</b>			
<p>We currently use SystemMetadata.serialVersion to manage versions of system metadata with the list of replicas. This needs to be separated out, so the CNs can manage the Replica list independently of the SystemMetadata. Change the dataoneTypes.xsd schema to add an optional 'version' attribute to the Replica object. This will be backwards-compatible with previous system metadata instances, and will allow us to manage each replica's status individually.</p> <p>...</p> <p><a href="#">/d1:replica</a></p> <p>Add API calls for:</p> <pre>CNReplication.setReplicaVersion() CNReplication.getReplicaVersion()</pre> <p>This change will affect the following components:</p> <ul style="list-style-type: none"><li>d1_schema</li><li>d1_common_java</li><li>d1_common_python</li><li>d1_libclient_java</li><li>d1_libclient_python</li><li>d1_cn_rest</li><li>d1_cn_rest_proxy</li><li>Metacat CNodeService</li></ul>			

### History

#### #1 - 2014-10-01 16:45 - Robert Waltz

- Target version set to CCI-2.0.0

#### #2 - 2015-06-12 16:11 - Rob Nahf

- Status changed from New to Rejected

- translation missing: en.field\_remaining\_hours changed from 80.0 to 0.0

we determined that serial version could still be used for tracking replica status updates under v2 (the CN is still authoritative on that property)