

## Infrastructure - Story #582

### Implement an object format registry

2010-04-20 20:34 - Dave Vieglais

<b>Status:</b> Closed	<b>Start date:</b> 2010-10-06
<b>Priority:</b> Low	<b>Due date:</b>
<b>Assignee:</b> Dave Vieglais	<b>% Done:</b> 100%
<b>Category:</b> Documentation	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	
<b>Story Points:</b>	
<b>Description</b> As processor (MN, CN) of <a href="#">DataONE</a> content, I need to discover if a particular object format should be treated as science metadata. <ul style="list-style-type: none"><li>• Create a registry of object formats</li><li>• Each entry of the registry should indicate what roles a particular object format can have.</li></ul> Using a registry will help avoid creating large lists of hard coded values and ugly case statements such as:  <pre>boolean scimeta = false; switch (sysmeta.getObjectFormat()) { case EML_2_1_0: scimeta = true; break; case EML_2_0_1: scimeta = true; break; case EML_2_0_0: scimeta = true; break; case FGDC_STD_001_1_1999: scimeta = true; break; case FGDC_STD_001_1998: scimeta = true; break; case NCML_2_2: scimeta = true; break; }</pre> Suggest a data model something like:  objectFormatList format* objectFormatNamespace objectClass+ [data/metadata/fooClass]  and a method such as  <a href="#">ObjectClass</a> [] getObjectClass(objectFormatNamespace)  to indicate the roles of a particular object format.  Should be implemented as part of the CN functionality.	
<b>Subtasks:</b> Task # 585: Create schema and populate xml file for format registry <span style="float: right;"><b>Rejected</b></span>	
<b>Related issues:</b> Related to Infrastructure - Story #1378: Adding new object formats shouldn't ... <span style="float: right;"><b>Closed</b>    2011-03-29</span>	

#### History

##### #1 - 2010-10-06 18:49 - Dave Vieglais

- Target version deleted (CCI-1.0)

- Milestone set to CCI-1.0

##### #2 - 2010-10-07 18:11 - Matthew Jones

- Position set to 15

**#3 - 2010-10-07 18:45 - Dave Vieglais**

- *Position deleted (20)*
- *Position set to 4*
- *Target version set to Sprint-2010.42*

**#4 - 2010-10-22 16:49 - Dave Vieglais**

- *Target version deleted (Sprint-2010.42)*
- *Position deleted (19)*
- *Position set to 2*

**#5 - 2010-11-08 18:07 - Dave Vieglais**

- *Position set to 40*
- *Position deleted (17)*

**#6 - 2011-08-30 01:59 - Dave Vieglais**

- *Position deleted (200)*
- *Position set to 38*

**#7 - 2011-08-30 02:40 - Dave Vieglais**

- *Milestone changed from CCI-1.0 to None*
- *Status changed from New to Closed*