Infrastructure - Feature #7669

The use of formatId to indicate the schema variant that should be used for validation of metadata.

2016-03-03 21:46 - Jing Tao

Status:	Closed	**Start date:**	2016-03-03
Priority:	Normal	**Due date:**	
Assignee:	Jing Tao	**% Done:**	100%
Category:	Metacat	**Estimated time:**	0.00 hour
Target version:	CCI-2.2.0		
Milestone:	None	**Story Points:**	
Product Version:	*		

Description

Currently Metacat uses the namespace as a key to identity the schema files for validation of metadata. However, in practice some schemas have the same namespace but the schema themselves are different. So we need to design and implement a solution that supports the use of formatId to indicate the schema variant that should be used for validation of metadata.

History

#1 - 2016-03-29 18:58 - Jing Tao

- Category set to Metacat

- Status changed from New to Closed

- % Done changed from 0 to 100

In xml_catalog table, we added a new column called formatid. If a format id represents a variant, the format id value will be stored there and a different schema location is stored in the column system_id. So the same namespace with different format id (it can be null if it is not a variant) can have different schema files for validation.

When an object is created, the format id in the system metadata will be checked. If it matches on on the xml_catalog table, that set of schemas will be used. Otherwise, we will use the old way to do validation.