

## Metacat - Bug #635

### Metacat needs to be made namespace/schema aware

10/17/2002 01:48 PM - Chad Berkley

<b>Status:</b>	Resolved	<b>Start date:</b>	10/17/2002
<b>Priority:</b>	Immediate	<b>Due date:</b>	
<b>Assignee:</b>	Jing Tao	<b>% Done:</b>	0%
<b>Category:</b>	metacat	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.3	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	635		

#### Description

We have issues with the fact that Metacat can only do dtd validation and not schema validation and it only recognized doctypes and not namespaces. This is a problem because I want to be able to insert an EML2 file into metacat and tell metacat that it is a "packagefile" but I can't do it because EML2 does not have dtds and hence no doctypes. I think this bug needs to be given pretty high priority since we want to have all of our systems integrated and working with eml2 by early 2003.

#### History

##### #1 - 01/23/2003 02:28 PM - Jing Tao

The first thing we need to do is to update xerces from 1.4.3 to 2. This parser can handle schema validation better. We can use the both Xerces parser and EMLParser in eml module to validate eml xml2 documents.

EML namespace will be put into xml\_catalog table and Metacat can recongize the eml2 documents.

##### #2 - 03/12/2003 04:51 PM - Jing Tao

Now metacat knowes namespace and when you insert a xml into metacat, the namespace will be stored in xml\_documents as doctype.

Metacat can do schema validation for both namespace and nonamespace. For namespace validation, if the namespace is already registered in xml\_catalog table, metacat will ignored the schema location specified in xml file and uses the value in the table(systemid). If a name space is not registered in xml\_catalog table, metacat will download the schema, store into metacat server and register them in xml\_catalog table.

The EMLParser class was revised and it can be used for metacat. For eml2 documents, metacat will validate it by both EMLparser and schema.

##### #3 - 03/27/2013 02:14 PM - Redmine Admin

Original Bugzilla ID was 635