

Metacat - Bug #33

problems with replicating of DTDs, because of PUBLIC IDs

06/27/2000 06:25 PM - Matt Jones

Status:	Resolved	Start date:	06/27/2000
Priority:	Normal	Due date:	
Assignee:	Jing Tao	% Done:	0%
Category:	metacat	Estimated time:	0.00 hour
Target version:	1.3	Spent time:	0.00 hour
Bugzilla-Id:	33		
Description			
Clients submitting documents with new, unknown doctypes can provide a reference or an internal subset for a DTD, which we currently use for validation, but do not store. We need to store it so that it is not lost. The best way to do this would be to store it in a long field in another database table, and provide a method in MetaCatServlet for retrieving the DTD text.			

History

#1 - 08/08/2000 06:19 PM - Jivka Bojilova

Assigned to Jivka

#2 - 11/14/2000 03:29 PM - Matt Jones

This needs to be done, but it needs to be done in a coordinated manner among the replicating servers. Today we (berkley, bojilova, jones, higgins, blankman) decided that the catalog needed to be coordinated centrally, and that we need to treat ISO registered formal public identifiers (FPI) differently from non-registered FPIs. In particular, if a document is submitted with an ISO registered FPI, and that FPI isn't in the catalog yet, then we must retrieve the DTD from ISO (which may be a manual process) and store it (NOT the user provided version). If it is a non-registered FPI, then the first person to use the FPI defines the type by submitting the DTD with the document to Metacat, or by providing a valid URL accessible to Metacat (from which we retrieve and cache the DTD). If no DTD can be found for a document FPI, then we reject that document (don't allow the insert or update to occur) with an appropriate error message that tells the client it needs to provide the DTD.

We still need to decide if the catalog is purely a central resource shared by all Metacat servers. We were leaning towards the decision that there would be a primary and secondary Metacat server for the KNB, and that the catalog information would be gathered from the primary Metacat server on a periodic basis, and so all Metacat servers would be synchronized with respect to their FPI/DTD caches.

Bojilova will need to coordinate with Berkley on the implementation of this feature to deal with these replication issues.

#3 - 05/04/2001 03:08 PM - Jivka Bojilova

DONE

DTDs are stored on the server when registering new Doctypes

#4 - 05/04/2001 03:10 PM - Jivka Bojilova

There are problems for replicating of DTDs, because of PUBLIC IDs. PUBLIC IDs probably should be unique (globally) b/w metacat servers

#5 - 01/23/2003 02:37 PM - Jing Tao

Public id is global now. And replication between three metacat works well

#6 - 03/27/2013 02:13 PM - Redmine Admin

Original Bugzilla ID was 33