

## Metacat - Bug #161

### need replication mechanism for metacat

10/24/2000 05:26 PM - Matt Jones

<b>Status:</b>	Resolved	<b>Start date:</b>	10/24/2000
<b>Priority:</b>	Immediate	<b>Due date:</b>	
<b>Assignee:</b>	Chad Berkley	<b>% Done:</b>	0%
<b>Category:</b>	metacat	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Beta2	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	161		

#### Description

Metacat was intended to be a centralized index of metadata that was replicated across several sites. This replication feature has not been designed or implemented. It needs to accomplish the following:

- 1) mirror XML content among multiple sites
- 2) mirroring controlled by both source and destination metacats
- 3) locking issues resolved without chance of data loss

The presentation that Matt Jones gave at the SDSC annual meeting has an overview of some potential architectures. See the PBI web site for the slides.

#### History

##### #1 - 11/07/2000 01:24 PM - Chad Berkley

Work is in progress- Models have been submitted, refined and resubmitted for comment. Work is currently in progress on some test implementations.

##### #2 - 12/19/2000 02:40 PM - Chad Berkley

most of replication is done. The following is a list of what still needs to be done:

- 1) add a flag in xml\_replication to tell the server whether to copy it's files out or not. This will allow for "one-way" replication.
- 2) create a better web interface to control replication
- 3) increase the error checking and error resolution capabilities.

##### #3 - 12/22/2000 08:45 AM - Chad Berkley

Numbers 1 and 2 from the 12/19/2000 comments have been finished. Error checking and resolution is now the primary issue remaining with replication.

##### #4 - 01/03/2001 10:43 AM - Chad Berkley

Replication, including the replication of package information and the xml\_catalog table now works. Replication can be controlled through an html interface called "replControl.html".

##### #5 - 03/27/2013 02:13 PM - Redmine Admin

Original Bugzilla ID was 161