

## Metacat - Bug #2159

### Metacat Performance: Divide xml\_nodes based on the doctype

07/13/2005 06:34 PM - Saurabh Garg

<b>Status:</b>	New	<b>Start date:</b>	07/13/2005
<b>Priority:</b>	Normal	<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>	2.x.y	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	2159		

#### Description

Matt suggested that xml\_nodes table can probably be divided into multiple tables based on the doctype. For example, xml\_nodes can be divided into the following:

1. xml\_nodes\_eml\_2\_0\_0
2. xml\_nodes\_eml\_2\_0\_1
3. xml\_nodes\_default

Hence any query for searching for a given text will be divided into 3 sub queries, results of which can be unioned. While we are still going through the same number of records (assuming the query is for all doctypes), this might result in performance enhancement in a db like Oracle on a multi-proc machine. From experience, Postgres will still run it on one proc... unless we run a seperate query on each of the tables and union the results in the servlet

Though it is not clear how much performance would be achieved by this...

#### History

##### #1 - 09/27/2006 06:55 AM - Saurabh Garg

This approach might be worth considering but I think it will only give short term benefits if at all any benefits. This is because most of the searched we have request both eml-2.0.0 and eml-2.0.1 as return doctypes. And these are the major doctypes that we hold right now. hence I dont think this approach will be helpful in any way.

##### #2 - 03/27/2013 02:19 PM - Redmine Admin

Original Bugzilla ID was 2159