

## Metacat - Bug #129

### Metacat Performance: paged Query Returns

09/20/2000 01:02 PM - Chad Berkley

<b>Status:</b>	Closed	<b>Start date:</b>	09/20/2000
<b>Priority:</b>	Low	<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>	Unspecified	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	129		
<b>Description</b>			
If a query returns more than n results, then only n results should be shown to the user at a time. This functionality is similar to a commercial search engine that only shows the user "results 1-25" then you click a "next 25" button to get to the next page of results.			
<b>Related issues:</b>			
Is duplicate of Metacat - Bug #147: return partial resultsets		<b>Resolved</b>	<b>09/22/2000</b>
Is duplicate of Metacat - Bug #2156: Metacat Performance: Send result back to...		<b>Resolved</b>	<b>07/13/2005</b>

### History

#### #1 - 09/22/2000 04:00 PM - Matt Jones

- Bug 147 has been marked as a duplicate of this bug. \*\*\*

#### #2 - 07/23/2001 11:16 AM - Matt Jones

Changed milestone for several bugs. Some of these we should consider marking INVALID or WONTFIX.

#### #3 - 02/12/2002 04:03 PM - Matt Jones

Moved issues that we do not intend to address during the current release to the 'Postpone' milestone.

#### #4 - 08/11/2005 03:35 PM - Saurabh Garg

- Bug 2156 has been marked as a duplicate of this bug. \*\*\*

#### #5 - 08/11/2005 03:36 PM - Saurabh Garg

Comment from bug# 2156:

Comparing Metacat with other search engines, there is a major difference in the metacat web interface when compared to others. We dont divide the result into blocks. So any online search will show x number of results at a time. Metacat on the other hand shows all results in one go. I am not sure how to fix this yet but I think we will improve on time in three ways: database processing time, network time and rendering of data in the browser. KNB currently has 1600 documents+ and a % search sends back a webpage which is 1.45 MB in size. Hence even if we think of broadband, that is a lot of data being sent back. Same goes for rendering of 1600 documents as compared to 10/20 documents. I am not sure though how hard this will be to implement

#### #6 - 09/15/2006 11:24 AM - Saurabh Garg

The query will probably to be stored on per session basis. Maybe the docids found can be stored in a ordered data structure in the session for each of the clients..

But there has to be a query id also as there might be multiple queries coming in from a client.. hence there might be multiple datasets to store. Hence all the skins and morpho when using paged query returns will have to be modified to include the query id assigned by metacat in there request of next set of results.

**#7 - 02/26/2007 10:01 AM - Matt Jones**

See <http://www.devx.com/Java/Article/21383/1954?pf=true> for an excellent discussion of strategies for query paging using JDBC.

**#8 - 04/03/2007 01:23 PM - Chad Berkley**

Metacat now does paged query returns. It also caches the last query with the user's session so that it does not need to re-run the entire query to re-display results. The cache can easily be cleared by running a different query then running the original query if you want to make sure you have the newest results. This works for public and authenticated sessions. I'll leave this bug open for now in case there are any problems that crop up with this solution later.

**#9 - 03/27/2013 02:13 PM - Redmine Admin**

Original Bugzilla ID was 129

**#10 - 09/10/2013 04:16 PM - ben leinfelder**

- *Status changed from In Progress to Closed*

Now using SOLR as the search mechanism which absolutely supports paged results.