

Kepler - Bug #4225

Provenance - start auto-incremented IDs at 1 not 0

07/06/2009 10:11 PM - ben leinfelder

Status:	Resolved	Start date:	07/06/2009
Priority:	Normal	Due date:	
Assignee:	Daniel Crawl	% Done:	0%
Category:	provenance	Estimated time:	0.00 hour
Target version:	2.0.0-alpha1	Spent time:	0.00 hour
Bugzilla-Id:	4225		
Description			
<p>I inadvertently noticed that when I queried for the last execution of a workflow that never ran I was still getting back a valid execution id (namely 0).</p> <p>The method description for resultSet.getInt(int) says that if it receives a SQL null it will return 0. This is happening in provenance. I think the best solution would be to start the IDs at 1 so as to never have ambiguity about whether there is actually a result or not. The alternative is to add this to any code that might encounter ids with value=0:</p> <pre>Object obj = result.getObject(1); if (obj == null) { return -1; } return result.getInt(1);</pre>			
Related issues:			
Blocked by Kepler - Bug #4227: Provenance - use Integer return type in Querya...		Resolved	07/07/2009

History

#1 - 07/07/2009 09:42 AM - ben leinfelder

Dan changed the auto-increment start for HSQLDB to be 1. Works great.
Merged from trunk to our sanparks branch

There was talk of changing the Queryable interface to use Integer return types so that NULL could be encountered when no rows were found. This is a larger undertaking in terms of a refactor and should be in another bug (closing this one).

#2 - 03/27/2013 02:26 PM - Redmine Admin

Original Bugzilla ID was 4225