

Kepler - Bug #5424

see if it's worthwhile to upgrade hsql from 1.8

06/15/2011 06:23 PM - Derik Barseghian

Status:	Resolved	Start date:	06/15/2011
Priority:	Normal	Due date:	
Assignee:	Daniel Crawl	% Done:	0%
Category:	provenance	Estimated time:	0.00 hour
Target version:	2.5.0	Spent time:	0.00 hour
Bugzilla-Id:	5424		
Description			
<p>Currently hsql is at v2.2, but we're still using 1.8. There are a number of benefits to upgrading to 2.2. Dan and I discussed it and it seems worthwhile to test, esp to see if performance improves -- we have some really poor performance in some areas. E.g. the growingDegreeDays workflow with days set to 300 can take up to 13m to run with provenance turned on, but <10s with provenance turned off. And bug#5413 discusses how large run deletion from WRM can take way too long.</p> <p>I tried to upgrade my 1.8 provenance data to 2.2 today, but wasn't able to. I couldn't get a connection made to the db from 2.2. There are errors about the first ALTER line in the provenanceDB.script file:</p> <pre>org.hsqldb.HsqlException: error in script file line: 49 invalid expression in CHECK or GENERATED clause in statement [ALTER TABLE WORKFLOW_EXEC ADD CONSTRAINT WORKFLOW_EXEC_WF_ID_FK FOREIGN KEY REFERENCES WORKFLOW ON DELETE CASCADE]</pre> <p>I spent some time manually hacking the script file, but wasn't able to figure out what's wrong here...</p>			

History

#1 - 07/08/2011 05:59 PM - Derik Barseghian

see bug#5429 for more discussion

#2 - 03/27/2013 02:30 PM - Redmine Admin

Original Bugzilla ID was 5424

#3 - 02/05/2015 10:16 AM - Daniel Crawl

- Status changed from New to Resolved
- Target version changed from Unspecified to 2.5.0

HSQL updated to v2.