

## Kepler - Bug #5424

### see if it's worthwhile to upgrade hsql from 1.8

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

<b>Status:</b>	Resolved	<b>Start date:</b>	06/15/2011
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Daniel Crawl	<b>% Done:</b>	0%
<b>Category:</b>	provenance	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.5.0	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	5424		
<b>Description</b>			
<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 &lt;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

- Target version changed from Unspecified to 2.5.0

- Status changed from New to Resolved

HSQL updated to v2.