Kepler - Bug #4430

hsql database name and port in Kepler should be configurable

09/30/2009 03:20 PM - jianwu jianwu

Status:	Resolved	**Start date:**	09/30/2009
Priority:	Normal	**Due date:**	
Assignee:	Daniel Crawl	**% Done:**	0%
Category:	core	**Estimated time:**	0.00 hour
Target version:	2.X.Y	**Spent time:**	0.00 hour
Bugzilla-Id:	4430		

Description

I can't start Kepler GUI when I have hadoop server running. It complains:

Caused by: java.sql.SQLException: Failed to connect to url "jdbc:hsqldb:hsql://localhost/hsqldb" as user "sa. Perhaps there was an error launching the db server. In addition, sometimes the database cache can become corrupt, so another solution is to remove the "/Users/jianwu/.kepler/cache/cachedata/hsqldb" directory.
[run]   at org.kepler.util.DBConnectionFactory.getDBConnection(DBConnectionFactory.java:126)

With Dan's help, I found out it is because hadoop also have its hsql databases. Now I work it around by setting port of hsql server to another one (e.g. 9002)
1) add 'server.setPort(9002);' at launchDBServer() function.
2) change url to url = "jdbc:hsqldb:hsql://localhost:9002/" + dbName;

So I think hsql database name and port in Kepler should be configurable.

Other possible changes could be better exception handling, such as automatic port change, or mentioning this port is already in use.

History

#1 - 10/29/2009 01:27 PM - Chad Berkley

Not critical for users so moving to post 2.0.

#2 - 01/25/2011 04:30 PM - Daniel Crawl

The ports and names are set in the configuration files:

common/resources/configurations/configuration.xml
core/resources/configurations/configuration.xml
provenance/resources/configurations/configuration.xml

#3 - 03/27/2013 02:26 PM - Redmine Admin

Original Bugzilla ID was 4430