Kepler - Bug #3557

Provide data dependency graph view in provenance browser

10/23/2008 11:21 AM - Timothy McPhillips

Status:	New		**Start date:**	10/23/2008
Priority:	Normal		**Due date:**	
Assignee:	Timothy McPhillips		**% Done:**	0%
Category:	general		**Estimated time:**	0.00 hour
Target version:	3.X.Y		**Spent time:**	0.00 hour
Bugzilla-Id:	3557			

Description

The provenance browser currently provides four views of a workflow run: the raw trace file, the "Collection History", an invocation dependency graph, and a "Dependency History" graph. The latter is a hybrid of the invocation dependencies and the data dependencies. What we don't have is a pure data dependency graph.

As an example, compare the data dependency graph (http://daks.ucdavis.edu/~sbowers/prov/pq1.gif) for the COMAD implementation of the 1st provenance challenge (http://twiki.ipaw.info/bin/view/Challenge/DAKS) with the dependency history view provided by the provenance browser (attached). I'd like to be able to view the first kind of graph in the provenance browser as well.

History

#2 - 10/23/2008 11:51 AM - manish manish

This is a well accepted data-dependency view, and in our current dependency view, we have included "actors" to make the graph less cluttered. But it is nice to also have a "pure" data-dependency view. We will include this view in our next version of provenance browser.

#3 - 03/27/2013 02:23 PM - Redmine Admin

Original Bugzilla ID was 3557

Files

dependencyHistory.png	116 KB	10/23/2008	Timothy McPhillips