

Kepler - Bug #3555

enhancements to Trace File view in provenance browser

10/22/2008 05:25 PM - Timothy McPhillips

Status:	New	Start date:	10/22/2008
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:	3555		

Description

The provenance browser allows one to view the raw trace file (in XML format) of the run currently loaded in the browser. It would be very nice if one could navigate the other provenance graphs by clicking on XML elements in this Trace File view, and have the details for the selected element appear in the left-hand panels, etc, similar to what happens when one clicks on the data, collections, and invocation items in the Dependency History and Collection History views. Clicking on these graphical views could highlight the corresponding lines in the trace file view as well. (Clicking on a token, object, or invocation id in the XML might also take you to the referenced item.)

A second very helpful feature would be color-coding of the XML in the Trace File view. Not color-coding to emphasize the XML syntax, but rather to highlight what XML elements comprise Collections, Data elements, metadata/annotations, and provenance records, say.

I think these enhancements would make it easier to make sense of the trace and provenance information stored in it.

History

#1 - 03/27/2013 02:23 PM - Redmine Admin

Original Bugzilla ID was 3555