

Kepler - Bug #2281

Duplicated and incorrect search results in actor searching

11/17/2005 03:40 PM - jianting zhang

Status:	Resolved	Start date:	11/17/2005
Priority:	Normal	Due date:	
Assignee:	Chad Berkley	% Done:	0%
Category:	core	Estimated time:	0.00 hour
Target version:	1.0.0alpha9	Spent time:	0.00 hour
Bugzilla-Id:	2281		

Description

The three actors "ENM PCP", "ESRI Shapefile Displayer" and "GML Displayer" are desinged to be GISOutputActor in the annotation file and correspon to "Outputs-GIS" in the actor ontology. However, when search "GIS" in the actor search panel, they appear both under "Inputs-External-GIS" and "Outputs-GIS". They are not annotated to be the input actor by any means and the search results are incorrect.

The problem happens because "GIS" is used in the two paths of the ontology tree and the matching is based on the name of the path component. One simple solution is to require unique names of ontlogy labels (which are used as the naems of path components in the trees and ComposityEntity in the actor library), but this may be not desirable.

The problem was covered before because there are no GIS actors that are annotated as sole ouput actor (all the GIS output actors are also annotated as input actors) before the check-in of the three actors.

Searching the current actor library using "GIS", the first search result belongs to "Inputs-External-GIS" and ther are 6 actors (3 in only and 3 in/out) belong to it. When the first actor belongs to "Outputs-GIS" (3 out only and 3 in/out), the ResultTreeBuilder.java set the container of "Outputs-GIS" to "Inputs-External". After merging, there are 9 actors under "Inputs-External-GIS" (3 in only, 3 in/out and 3 out only) as shown in the search result.

History

#1 - 03/22/2006 03:36 PM - Chad Berkley

the search is working correctly. The problem is the way the actors are semantically tagged. If they are in a folder labeled 'GIS' then all actors will show up when you search for 'gis'. if you don't want them to show up, move them out of the GIS folder.

#2 - 03/27/2013 02:19 PM - Redmine Admin

Original Bugzilla ID was 2281