

SEEK - Bug #1146

implement GridService discovery in Ptolemy

09/15/2003 11:19 AM - Matt Jones

Status:	Resolved	Start date:	09/15/2003
Priority:	Immediate	Due date:	
Assignee:	Chad Berkley	% Done:	0%
Category:	ams	Estimated time:	0.00 hour
Target version:	AMS - BEAM Meeting F	Spent time:	0.00 hour
Bugzilla-Id:	1146		

Description

Ptolemy's GUI (vergil) for creating workflows needs to be able to discover GridServices on the fly so that they can be incorporated into AMS pipelines and eventually executed. An initial implementation of a GridService discovery component for the AMS needs to be designed and developed. There are probably two principal mechanisms for this: browse and search.

For browsing, an "EcoGrid Services" folder could be created in the library and populated by looking at the EcoGrid Registry for the list of services that are available. As the Registry is not yet complete, now is a good time to specify the design needs of the AMS GUI for service discovery.

For search, could provide a way to search for services using their metadata (e.g., service name/description) as well as search by their input and output port types: this is a "typed" search and could/should eventually make use of the SMS services. But for now it could be a simple match based on name of the type for the ports.

To close this bug:

- 1) Design a system for discovering and displaying EcoGrid services from within the AML GUI, likely including both browsing and searching
- 2) Implement this so that grid services can be incorporated into Ptolemy pipelines and executed

History

#1 - 02/10/2004 08:59 AM - Chad Berkley

moved these bugs into the kepler bugzilla profile.

#2 - 03/27/2013 02:16 PM - Redmine Admin

Original Bugzilla ID was 1146