

Kepler - Bug #1891

writedesign for staged implementation of grid-enabled kepler

01/20/2005 11:01 AM - Matt Jones

Status:	Resolved	Start date:	01/20/2005
Priority:	Immediate	Due date:	
Assignee:	Matt Jones	% Done:	0%
Category:	core	Estimated time:	0.00 hour
Target version:	Post-rel-1.0.0	Spent time:	0.00 hour
Bugzilla-Id:	1891		
Description			
During the January 2004 meeting we discussed grid-enabling kepler. Matt and Ilkay agreed to write this up as a design document.			
Related issues:			
Blocked by Kepler - Bug #1899: Implementation of grid-enabling kepler		Resolved	01/20/2005

History

#1 - 01/20/2005 11:02 AM - Matt Jones

It will include a design for:

- 1) Nimrod/APST style grid jobs
- 2) Distributed kepler in 3 stages
 - a) separate client/server sides of kepler to allow remote execution on multiple server nodes, no user interaction with server side
 - b) Add interaction where two directors know about each other and can send messages (GUI output plus user interaction)
 - c) Add kepler as a remote deployment system, any kepler node is a client server system that allows others to submit jobs to it with access control

#2 - 01/20/2005 11:02 AM - Matt Jones

In addition, we need to:

- 3) add in ability to dynamically load the workflows to be run as archive files (.kar) that contain the moml, actors, required jars and libs, etc.

This last point can be implemented independently of the others and would have benefits locally as well. Chad agreed to tackle this part and it will be described in a separate bug.

#3 - 11/02/2005 12:55 PM - Matt Jones

Several ideas have been proposed and fleshed out on the wiki. Need to consolidate and decide on a course for implementation. See:

<http://kepler-project.org/Wiki.jsp?page=PeerToPeerKepler>

#4 - 07/23/2007 10:30 AM - Chad Berkley

consolidating to one bug

#5 - 03/27/2013 02:18 PM - Redmine Admin

Original Bugzilla ID was 1891