Kepler - Bug #1338

find GIS system for inclusion in kepler

02/09/2004 11:14 AM - Chad Berkley

Status:	Resolved		**Start date:**	02/09/2004
Priority:	Immediate		**Due date:**	
Assignee:	Dan Higgins		**% Done:**	0%
Category:	actors		**Estimated time:**	0.00 hour
Target version:	1.0.0alpha6		**Spent time:**	0.00 hour
Bugzilla-Id:	1338			

Description

need to look at the various proposed solutions for GIS integration into Kepler.
The possibilities that I've heard so far are GDAL and GRASS. It has also been
mentioned that the more basic GIS functionality could probably be implemented in
java or with a ptolemy pipeline using existing actors.

Related issues:

Blocked by Kepler - Bug #1332: GARP improvements and further implemenation	**Resolved**	**02/09/2004**
Blocked by SEEK - Bug #1720: Create an example Kepler workflow for ENM/GARP c...	**Resolved**	**10/21/2004**

History

#1 - 06/14/2004 02:30 PM - Chad Berkley

currently have several GRASS functions implemented as web services and being
used in a prototype clipping pipeline. Dan is currently looking at integrating
R and SAS into kepler and should probably see about ARC support as well.

#2 - 01/20/2005 09:26 AM - Chad Berkley

So far, we have linked several functions into kepler via grass and gdal. these
are jni calls into existing C code. these functions are pretty limited and we
should implement more specific functions.

#3 - 01/20/2005 09:33 AM - Chad Berkley

Efrat has also implemented ESRI GIS functionality into web services for use in
kepler. functionality is generally for shape file processing as well as data
registration. These functions are mostly GEON specific but could maybe be
altered for general use.

There is also an interpolation engine that will be integrated into kepler. This
includes a generic display processor for the interpolation results.

#4 - 11/02/2005 12:04 PM - Matt Jones

Java, GRASS and GDAL actors have been incorporated for common GIS functions.
CLosing bug.

#5 - 03/27/2013 02:16 PM - Redmine Admin

Original Bugzilla ID was 1338