

Kepler - Bug #3062

Need ASC grid Utilities actor

01/11/2008 01:02 PM - Dan Higgins

Status:	New	Start date:	01/11/2008
Priority:	Normal	Due date:	
Assignee:	Chad Berkley	% Done:	0%
Category:	actors	Estimated time:	0.00 hour
Target version:	3.X.Y	Spent time:	0.00 hour
Bugzilla-Id:	3062		
Description			
<p>Currently there are actors (developed for the ENM example) for working with ASC grids. Such spatial grid actors allow rescaling, merging, etc. However, several simple functions, such as simply finding the value at some location are not directly supported; i.e. given a (lat, long) what is the grid value? [Such operations are buried inside more complex actors, but not available to the external user.]</p> <p>At the ENM workshop in Albuquerque in Jan. 2008, an actor with a simpler interface that could return values at an input location was requested. This would be useful for building new measures of omission and commission or other calculational purposes. Other general purpose utility operations might be returning maximum, minimum, or average values.</p> <p>Dan Higgins - Jan 2008</p>			

History

#1 - 02/26/2008 01:38 PM - Dan Higgins

A new actor called 'AscGridValue' has been added to the Kepler src and an example workflow using it has been added to Demos/ENM/

This actor takes a *.asc file name and (xloc, yloc) values and interpolates to return a value at the input location.

This provides a basic solution for the requested capability (although other features could be added). Note that this actor has not been added to the actor tree (and documentation is still missing)

Dan Higgins - Feb 2008

#2 - 03/27/2013 02:22 PM - Redmine Admin

Original Bugzilla ID was 3062