

Kepler - Bug #2965

Ability to easily concatenate identical data structures (EMLDatasource)

09/11/2007 05:57 PM - ben leinfelder

Status:	Resolved	Start date:	09/11/2007
Priority:	Normal	Due date:	
Assignee:	ben leinfelder	% Done:	0%
Category:	data access	Estimated time:	0.00 hour
Target version:	SanParksRelease	Spent time:	0.00 hour
Bugzilla-Id:	2965		
Description			
a) within an EML package b) across data packages (or non-EML actors) Hopefully leverage org.ecoinformatics.datamanager library for some/all of this.			
Related issues:			
Blocks EML - Bug #2979: create Union query to concatenate results from multip...		Resolved	10/09/2007

History

#1 - 02/12/2008 03:21 PM - ben leinfelder

While this approach may not be what was initially intended when this enhancement was requested, the RExpression actor can now support multiport input of "column based records" from an EML actor. R can easily concatenate the list of dataframes to produce a union of the records.

See bug [#2959](#) for the formal request, and also the sample workflow in the demos/R directory:

multiport-dataframe-union-R.xml

#2 - 04/04/2008 05:01 PM - ben leinfelder

I've worked with kevin to implement this in some of his workflows.

I've also packaged a custom R actor called "UnionAll" that performs this basic table stacking (in HEAD only).

While it might seem like a hack way of doing the concatenation, it also seems very workflow-oriented in that each piece of the concatenation is explicitly laid out (there's an individual EML data canister on the canvas for each and every table that is being concatenated). Sure, there's an upward limit to how many canisters you want to have on any given canvas, but there has to be some mechanism for specifying exactly which data tables are being included in the union and this one happens to be using pretty pictures.

I've marked the with the semantic type of: urn:lsid:localhost:onto:2:1#DataStructureOperation

#3 - 03/27/2013 02:21 PM - Redmine Admin

Original Bugzilla ID was 2965