Kepler - Bug #2275

Replace the DataCacheManager

11/16/2005 10:03 AM - Chad Berkley

Status:	Resolved		**Start date:**	11/16/2005
Priority:	Immediate		**Due date:**	
Assignee:	Kevin Ruland		**% Done:**	0%
Category:	core		**Estimated time:**	0.00 hour
Target version:	1.0.0alpha9		**Spent time:**	0.00 hour
Bugzilla-Id:	2275			

Description

The DataCacheManager does some funky things and needs to be refactored to make
the API simpler and enable native use of LSIDs as system identifiers. There are
also several bugs in it due to threading issues and the naming of .dat files
based on a timestamp.

The ObjectCache will fully replace the DataCacheManager. The ObjectCache has a
simple API based on LSIDs. CacheObject is an interface for objects stored
within the cache. It can be extended to deal with many different types of data.
It also includes callbacks so that cache objects can deal with their own
lifecycle events.

ObjectCache also includes a listener interface so that external objects can
listen and react to cache events.

History

#1 - 11/16/2005 10:05 AM - Chad Berkley

This will also require us changing all of the ecogrid classes to use the new system.

#2 - 01/30/2006 10:45 AM - Kevin Ruland

This has been accomplished. The DataCacheManager still exists but uses the
CacheManager as its backend object persistance mechanism. Completely removing
the DataCacheManager would require extensive changes to all the classes which
use the current api.

#3 - 03/27/2013 02:19 PM - Redmine Admin

Original Bugzilla ID was 2275