

Infrastructure - Task #3366

Story # 3309 (Closed): get() downloads have inconsistent mime types and filenames

create Python ObjectFormatInfo class to provide mime lookup

2012-10-25 08:28 - Matthew Jones

Status:	Closed	Start date:	2012-10-25
Priority:	High	Due date:	
Assignee:	Roger Dahl	% Done:	100%
Category:	d1_libclient_python	Estimated time:	0.00 hour
Target version:	CCI-2.0.0	Story Points:	
Milestone:	CCI-1.1		
Product Version:	*		

Description

We will use utility classes in libclient to provide a consistent lookup service to allow applications to find out the mime type and file extension for formatIDs. Create an ObjectFormatInfo class in Python that provides:

- \* a static singleton that can be called from anywhere in an application
- \* function to find the mime type based on a format identifier string
- \* function to find the mime type based on an ObjectFormat instance
- \* function to find the extension based on a format identifier string
- \* function to find the extension based on an ObjectFormat instance
- \* a default set of mapping data that ships with libclient as a CSV file
- \* the ability for calling applications to set a property (D1Client.resourcesDir) that determines where this CSV data file will live on disk
- \* the ObjectFormatInfo class should be able to reload itself at runtime, re-reading the CSV file so applications can refresh mappings without a restart

History

- #1 - 2012-10-25 17:11 - Roger Dahl
- Status changed from New to In Progress
- #2 - 2012-10-25 23:04 - Roger Dahl
- Status changed from In Progress to Closed
- translation missing: en.field\_remaining\_hours set to 0.0
- #3 - 2012-12-12 18:33 - Chris Jones
- Target version changed from Sprint-2012.44-Block.6.2 to 2013.2-Block.1.1
- #4 - 2013-03-01 19:09 - Chris Jones
- Target version changed from 2013.2-Block.1.1 to 2013.12-Block.2.2
- #5 - 2013-08-02 17:20 - Dave Vieglais
- Target version changed from 2013.12-Block.2.2 to 2013.35-Block.5.1
- #6 - 2014-01-06 18:04 - Chris Jones
- Target version changed from 2013.35-Block.5.1 to 2014.6-Block.1.3
- #7 - 2014-03-14 18:47 - Roger Dahl
- Target version changed from 2014.6-Block.1.3 to 2014.14-Block.2.3
- #8 - 2014-09-24 18:28 - Dave Vieglais
- Target version changed from 2014.14-Block.2.3 to CCI-1.4.2

**#9 - 2014-09-25 16:47 - Dave Vieglais**

- Target version changed from CCI-1.4.2 to CCI-1.5.0

**#10 - 2014-10-02 19:41 - Dave Vieglais**

- Target version changed from CCI-1.5.0 to CCI-2.0.0