

## Infrastructure - Bug #7546

### ObjectFormatCache can't be instantiated if local file is not findable

2015-12-11 20:39 - Rob Nahf

<b>Status:</b>	Closed	<b>Start date:</b>	2015-12-11
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Rob Nahf	<b>% Done:</b>	100%
<b>Category:</b>	d1_libclient_java	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	CCI-2.1.0	<b>Story Points:</b>	
<b>Milestone:</b>	None		
<b>Product Version:</b>	*		

#### Description

ObjectFormatCache extends ObjectFormatServiceImpl in d1\_common\_java, and both are singletons. For situations where the fallback local FormatList can't be opened, a ServiceFailure is thrown before ObjectFormatCache is able to try refreshing from CN.listFormats.

The use of inheritance here prevents use from catching the ServiceFailure thrown from the ObjectFormatServiceImpl constructor.

exception generation should probably be refactored out of the constructors and into the getInstance() methods for both classes, or inheritance abandoned.

#### Associated revisions

##### Revision 17531 - 2016-02-10 21:37 - Rob Nahf

fixes #7546, refs #7635, #7536. Refactored ObjectFormatCache to be thread safe, and not dependent on the shipped ObjectFormatList file. Refactored getInstance methods of CertificateManager and ObjectFormatCache for thread safety. Removed unnecessary dependency on a live CN in d1client.properties.

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#### History

##### #1 - 2016-02-09 22:31 - Rob Nahf

- Target version changed from Release Backlog to CCI-2.1.0

##### #2 - 2016-02-10 21:43 - Rob Nahf

- Status changed from New to Closed

- % Done changed from 0 to 100

refactored inheritance out of the design. ObjectFormatCache calls ObjectFormatServiceImpl if needed.