Infrastructure - Bug #7523

D1Client no longer updates stale NodeList

2015-12-07 21:50 - Rob Nahf

Status:	In Progress	**Start date:**	2015-12-10
Priority:	Normal	**Due date:**	
Assignee:	Rob Nahf	**% Done:**	30%
Category:	d1_libclient_java	**Estimated time:**	0.00 hour
Target version:	CLJ-2.0.0		
Milestone:	None	**Story Points:**	
Product Version:	*		

Description
In V1, it did (through CNode instances) every 2 minutes. In V2 there is no such mechanism.

Subtasks:	
Task # 7536: fix D1Client so that it refreshes the nodelist if MN not found	**Closed**
Task # 7537: add nodelist refreshes to NodeLocator classes	**New**
Task # 7538: look at nodeFactory in how it builds mock CNodes	**New**

Related issues:		
Related to Infrastructure - Bug #7515: Synchronization uses stale nodelist wh...	**Closed**	**2015-12-07**

Associated revisions

Revision 17178 - 2015-12-10 16:46 - Rob Nahf

refs #7523: added logic to refresh the NodeLocator if getMN(NodeRef) doesn't find the requested member node. Throttled refresh 5 seconds. Unit test using mock objects ran into problems, but committing an integration test (that tests the feature) annotated with @Ignore.

Revision 17178 - 2015-12-10 16:46 - Rob Nahf

refs #7523: added logic to refresh the NodeLocator if getMN(NodeRef) doesn't find the requested member node. Throttled refresh 5 seconds. Unit test using mock objects ran into problems, but committing an integration test (that tests the feature) annotated with @Ignore.

History

#1 - 2015-12-07 21:50 - Rob Nahf

- Related to Bug #7515: Synchronization uses stale nodelist when establishing new MN client connections added

#2 - 2015-12-10 16:59 - Rob Nahf

- Status changed from New to In Progress

- % Done changed from 0 to 30

The unit test with mock objects is not working, but an integration-style test works, and has been committed, although commented out. There is a weakness in the NodeLocator class hierarchy that doesn't work well with InMemoryCNodes, because a CNode is used to call CN.listNodes, but is then replaced with a new CNode for the CN.

This should be looked at later.

#3 - 2016-04-19 22:27 - Rob Nahf

HTTP/1.1 style caching is implemented for both listNodes and listFormats, so the need for client-side caching is not as critical, but still useful.