

Infrastructure - Bug #3009

NodelistUtil select methods buggy

2012-06-22 17:54 - Rob Nahf

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Rob Nahf	<b>% Done:</b>	100%
<b>Category:</b>	d1_common_java	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Sprint-2012.25-Block.4.1	<b>Story Points:</b>	
<b>Milestone:</b>	CCI-1.0.2		
<b>Product Version:</b>	*		

**Description**

Node objects can't be added to a Set because, it doesn't implement Comparable interface.

These methods are probably only in use in d1\_integration so far, so not an urgent fix.

\*\*\*\*\* running test for testUpdateNodeCapabilities(...) vs. node: <https://cn-dev-2.dataone.org/cn> \*\*\*\*\*

[org.dataone.integration.it.ContextAwareTestCaseDataone]

java.lang.ClassCastException: org.dataone.service.types.v1.Node cannot be cast to java.lang.Comparable

at java.util.TreeMap.put(TreeMap.java:542)

at java.util.TreeSet.add(TreeSet.java:238)

at org.dataone.service.types.v1.util.NodelistUtil.selectNodes(NodelistUtil.java:174)

History

#1 - 2012-06-22 17:57 - Rob Nahf

- Category set to d1\_common\_java
- Assignee set to Rob Nahf
- Milestone changed from CCI-1.0.0 to CCI-1.1

#2 - 2012-06-28 17:41 - Rob Nahf

- Status changed from New to Closed
- % Done changed from 0 to 100
- Milestone changed from CCI-1.1 to CCI-1.0.2

fixed in d1\_common\_java version 1.0.2, created in the 1.0 branch.  
(libclient\_java v1.0.3 uses this version)  
TreeSets implement sorting, and need the objects of the set to be Comparable. Changed to HashSet, which doesn't have that restriction. Added unit tests, as well.