

Infrastructure - Bug #3009

NodelistUtil select methods buggy

2012-06-22 17:54 - Rob Nahf

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

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.