

## Infrastructure - Bug #1120

### D1Node.java sendRequest error wrt InputStream

2010-11-23 18:51 - Rob Nahf

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Urgent	<b>Due date:</b>	
<b>Assignee:</b>	Chad Berkley	<b>% Done:</b>	100%
<b>Category:</b>	d1_libclient_java	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Sprint-2010.48	<b>Story Points:</b>	
<b>Milestone:</b>			
<b>Product Version:</b>	*		
<b>Description</b>			

#### History

##### #1 - 2010-11-23 18:57 - Rob Nahf

- Category set to d1\_libclient\_java
- Priority changed from Normal to Urgent
- Assignee set to Chad Berkley

D1\_integration tests are failing at a common point inside sendRequest() --> IOUtils.copy(datastream, out). In debug mode, variable "out" appears to be devoid of any content data before going into the IOUtils.copy() method, but that may be normal for a stream. Below are details from the run:

```
***** running test for testCreateData - node http://cn-dev.dataone.org/knb/ *****
restURL: http://cn-dev.dataone.org/knb/session/?qformat=xml&op=login
method: POST
restURL: http://cn-dev.dataone.org/knb/object/knb:testid:2010327104823509?sessionid=9F4B870854E1E213354CF51593EC07C7
method: POST
java.io.IOException: Exception producing data
at com.gc.iotools.stream.is.InputStreamFromOutputStream.checkException(InputStreamFromOutputStream.java:366)
at com.gc.iotools.stream.is.InputStreamFromOutputStream.read(InputStreamFromOutputStream.java:486)
at java.io.InputStream.read(InputStream.java:85)
at org.apache.commons.io.IOUtils.copyLarge(IOUtils.java:1025)
at org.apache.commons.io.IOUtils.copy(IOUtils.java:999)
at org.dataone.client.D1Node.sendRequest(D1Node.java:329)
at org.dataone.client.MNode.handleCreateOrUpdate(MNode.java:557)
at org.dataone.client.MNode.create(MNode.java:261)
at org.dataone.integration.D1ClientTest.testCreateData(D1ClientTest.java:719)
```

##### #2 - 2010-11-23 19:22 - Rob Nahf

by the way, this against a newly deployed cn-buildout on cn-dev. The upgrade completed without warnings or errors. The access request returned successfully immediately preceding, so metacat is up.

**#3 - 2010-11-30 18:17 - Dave Vieglais**

- *Position set to 1*
- *Target version changed from Sprint-2010.47 to Sprint-2010.48*
- *Position deleted (12)*

**#4 - 2010-11-30 23:54 - Chad Berkley**

- *Status changed from New to Closed*
- *% Done changed from 0 to 100*

All d1client/d1integration tests are now passing. I'm updating cn-buildout with a new knb.war file. update cn-dev then let me know if you still see issues.

**#5 - 2010-12-02 16:50 - Rob Nahf**

I'm still finding issues in MN.create() when escaped characters are in the identifier. I created a new test in d1\_integration's D1ClientTest.java (testCreateData\_UnicodeIdentifier() ) to help debug.