

## Metacat - Bug #7225

### /object/id command get a null exception if there the object format is not found

11/07/2017 02:07 PM - Jing Tao

<b>Status:</b>	Resolved	<b>Start date:</b>	11/07/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jing Tao	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.8.6	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>			
<b>Description</b>			
<p>Val from ess-dive reported: ```mn_1   In D1URLFilter. mn_1   HTTP Verb: GET mn_1   original pathInfo: /object mn_1   original requestURI: /metacat/d1/mn/v2/object mn_1   stripping /metacat/d1/mn/v2 from requestURI mn_1   new pathInfo: /object mn_1   In D1URLFilter. mn_1   HTTP Verb: GET mn_1   original pathInfo: /object/10.5072/D3P26Q35R-Test2 mn_1   original requestURI: /metacat/d1/mn/v2/object/10.5072/D3P26Q35R-Test2 mn_1   stripping /metacat/d1/mn/v2 from requestURI mn_1   new pathInfo: /object/10.5072/D3P26Q35R-Test2 mn_1   After decoded: 10.5072/D3P26Q35R-Test2 mn_1   metacat 20171107-20:49:17: [DEBUG]: In isAdminAuthorized(), session is null [edu.ucsb.nceas.metacat.dataone.D1NodeService.isAdminAuthorized:1010] mn_1   metacat 20171107-20:49:17: [DEBUG]: D1NodeService.isAuthoritativeMNodeAdmin - the session object is null and return false. [edu.ucsb.nceas.metacat.dataone.D1NodeService.isAuthoritativeMNodeAdmin:924] mn_1   metacat 20171107-20:49:17: [DEBUG]: Comparing the rights holder in the system metadata 0000-0001-9061-8952 against one of the client's subject public [edu.ucsb.nceas.metacat.dataone.D1NodeService.userHasPermission:1248] mn_1   metacat 20171107-20:49:17: [DEBUG]: D1NodeService.expandRightHolder - at the start of method: after getting the cn node and cn node is <a href="https://cn-stage-2.test.dataone.org/cn/v2">https://cn-stage-2.test.dataone.org/cn/v2</a> [edu.ucsb.nceas.metacat.dataone.D1NodeService.expandRightsHolder:1312] mn_1   metacat 20171107-20:49:17: [DEBUG]: D1NodeService.expandRightHolder - search the subject 0000-0001-9061-8952 in the cn and the returned result is not null [edu.ucsb.nceas.metacat.dataone.D1NodeService.expandRightsHolder:1321] mn_1   metacat 20171107-20:49:17: [DEBUG]: D1NodeService.isInGroups - the given groups' (the returned result including groups) size is 0 [edu.ucsb.nceas.metacat.dataone.D1NodeService.isInGroups:1374] mn_1   metacat 20171107-20:49:17: [DEBUG]: D1NodeService.expandRightHolder - we are already at the end of the returned result since the size of returned results 1 is less than the count 200. So we have to break the loop and finish the try. [edu.ucsb.nceas.metacat.dataone.D1NodeService.expandRightsHolder:1346] mn_1   metacat 20171107-20:49:17: [DEBUG]: D1NodeService.expandRightHolder - We can NOT find any member in the group 0000-0001-9061-8952 (if it is a group) matches the user public [edu.ucsb.nceas.metacat.dataone.D1NodeService.expandRightsHolder:1359] mn_1   metacat 20171107-20:49:17: [DEBUG]: Checking allow access rule for subject: public [edu.ucsb.nceas.metacat.dataone.D1NodeService.userHasPermission:1270] mn_1   metacat 20171107-20:49:17: [DEBUG]: Access rule contains subject: public [edu.ucsb.nceas.metacat.dataone.D1NodeService.userHasPermission:1272] mn_1   metacat 20171107-20:49:17: [DEBUG]: Checking permission: read [edu.ucsb.nceas.metacat.dataone.D1NodeService.userHasPermission:1274] mn_1   metacat 20171107-20:49:17: [INFO]: Permission granted: read to public [edu.ucsb.nceas.metacat.dataone.D1NodeService.userHasPermission:1278] mn_1   metacat 20171107-20:49:17: [ERROR]: class java.lang.NullPointerException: null [edu.ucsb.nceas.metacat.restservice.v2.MNResourceHandler.handle:526] mn_1   java.lang.NullPointerException mn_1   at edu.ucsb.nceas.metacat.restservice.v2.MNResourceHandler.getObject(MNResourceHandler.java:1271) mn_1   at edu.ucsb.nceas.metacat.restservice.v2.MNResourceHandler.handle(MNResourceHandler.java:285) mn_1   at edu.ucsb.nceas.metacat.restservice.D1RestServlet.doGet(D1RestServlet.java:76) mn_1   at javax.servlet.http.HttpServlet.service(HttpServlet.java:624) mn_1   at javax.servlet.http.HttpServlet.service(HttpServlet.java:731) mn_1   at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:303) mn_1   at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:208)</p>			

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mn_1 | at org.apache.tomcat.websocket.server.WsFilter.doFilter(WsFilter.java:52)
mn_1 | at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:241)
mn_1 | at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:208)
mn_1 | at edu.ucsb.nceas.metacat.restservice.D1URLFilter.doFilter(D1URLFilter.java:48)
mn_1 | at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:241)
mn_1 | at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:208)
mn_1 | at org.apache.catalina.core.StandardWrapperValve.invoke(StandardWrapperValve.java:219)
mn_1 | at org.apache.catalina.core.StandardContextValve.invoke(StandardContextValve.java:110)
mn_1 | at org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:506)
mn_1 | at org.apache.catalina.core.StandardHostValve.invoke(StandardHostValve.java:169)
mn_1 | at org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:103)
mn_1 | at org.apache.catalina.valves.AccessLogValve.invoke(AccessLogValve.java:962)
mn_1 | at org.apache.catalina.core.StandardEngineValve.invoke(StandardEngineValve.java:116)
mn_1 | at org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:445)
mn_1 | at org.apache.coyote.ajp.AjpAprProcessor.process(AjpAprProcessor.java:188)
mn_1 | at org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:637)
mn_1 | at org.apache.tomcat.util.net.AprEndpoint$SocketProcessor.doRun(AprEndpoint.java:2549)
mn_1 | at org.apache.tomcat.util.net.AprEndpoint$SocketProcessor.run(AprEndpoint.java:2538)
mn_1 | at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1149)
mn_1 | at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:624)
mn_1 | at org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
mn_1 | at java.lang.Thread.run(Thread.java:748)
mn_1 | metacat 20171107-20:49:17: [ERROR]: D1ResourceHandler: Serializing exception with code 500: null
[edu.ucsb.nceas.metacat.restservice.D1ResourceHandler:serializeException:533]
mn_1 | org.dataone.service.exceptions.ServiceFailure
mn_1 | at edu.ucsb.nceas.metacat.restservice.v2.MNResourceHandler.handle(MNResourceHandler.java:533)
mn_1 | at edu.ucsb.nceas.metacat.restservice.D1RestServlet.doGet(D1RestServlet.java:76)
mn_1 | at javax.servlet.http.HttpServlet.service(HttpServlet.java:624)
mn_1 | at javax.servlet.http.HttpServlet.service(HttpServlet.java:731)
mn_1 | at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:303)
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mn_1 | at org.apache.tomcat.util.net.AprEndpoint$SocketProcessor.run(AprEndpoint.java:2538)
mn_1 | at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1149)
mn_1 | at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:624)
mn_1 | at org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
mn_1 | at java.lang.Thread.run(Thread.java:748)
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## History

### #1 - 11/08/2017 04:18 PM - Jing Tao

- Status changed from New to Resolved

In the class src/edu/ucsb/nceas/metacat/restservice/v2/MNResourceHandler.java, the code to handle null exception was added.

### #2 - 12/08/2017 09:53 AM - Jing Tao

- Target version changed from 2.9.0 to 2.8.6