

Metacat - Bug #2984

"AccessControlList.getACL" returns outdated XML structure

10/15/2007 05:27 PM - Chris Barteau

Status:	Closed	Start date:	10/15/2007
Priority:	Normal	Due date:	
Assignee:	Michael Daigle	% Done:	0%
Category:	metacat	Estimated time:	0.00 hour
Target version:	Unspecified	Spent time:	0.00 hour
Bugzilla-Id:	2984		
Description			
<p>The "MetCatServlet.handleGetAccessControlAction" calls another method "AccessControlList.getACL". The resulting XML does not seem to follow the structure defined the the XmlSchema of eml-access.xsd.</p> <p>eMail from Matt regarding this:</p> <p>It appears that Metacat is still generating the old beta6 version of EML using that method, rather than following the EML 2.0.1 specification. I do not think any software relies on this behavior, although we should check to see if Morpho does -- that would be the only one I think. If not, we should fix it to produce EML 2.0.1, but do so by changing the method signature to allow clients to specify which version they want. For example:</p> <pre>public Reader getACL(String docid, String namespace) throws NamespaceNotSupportedException;</pre> <p>The exception would be thrown when Metacat doesn't know how to generate a particular ACL syntax. One reason I would want this is that there is increasing use of SAML for ACL docs, and it would be a good thing to have Metacat support ACL statements in SAML format as well as eml-access. It would also allow us to support future eml versions.</p>			
Related issues:			
Blocks Metacat - Bug #3000: Multiple Permissions Orders exist for Single Docu...		Closed	11/08/2007

History

#1 - 11/08/2007 10:05 AM - Chris Barteau

Sample struct (attrib order defaults to "allowFirst"):

```
<?xml version="1.0" encoding="UTF-8"?>
<access xmlns="eml://ecoinformatics.org/access-2.0.1">
  <allow>
    <principal>public</principal>
    <principal>fred</principal>
    <permission>read</permission>
  </allow>
  <deny>
    <principal>public</principal>
    <principal>fred</principal>
    <permission>write</permission>
  </deny>
</access>
```

NOTE: "AccessControlForSingleFile" inserts the following 5 fields in xml_access via the "insertPermissions" method (called from "MetacatServlet.handleSetAccessAction"), others are null:
docid, principal_name, permission, perm_type, perm_order

NOTE2: A good candidate for the "NamespaceNotSupportedException" would be a subclass of org.w3c.dom.DOMException, with the constructor using the parent's INVALID_ACCESS_ERR code, and message set to something like "Namespace is not supported".

NOTE3: This bug is blocked by bug [#3000](#).

#2 - 03/27/2013 02:21 PM - Redmine Admin

Original Bugzilla ID was 2984

#3 - 04/09/2013 05:09 PM - ben leinfelder

- *Status changed from New to Closed*

This has been reworked so that access rules can be parsed just like they were embedded in EML.