

Metacat - Bug #926

access control too dependent on eml

12/11/2002 12:18 PM - Chad Berkley

Status:	Resolved	Start date:	12/11/2002
Priority:	Immediate	Due date:	
Assignee:	Jing Tao	% Done:	0%
Category:	metacat	Estimated time:	0.00 hour
Target version:	1.3	Spent time:	0.00 hour
Bugzilla-Id:	926		
Description			
<p>Metacat's access control seems too dependent on EML. If I have a single (arbitrarily or non-typed) document and I want to make it publicly readable, I have to create an eml package with triples pointing to an access file then insert the whole package into metacat, when all I really want to do is insert that single file and say 'make this publicly readable'.</p> <p>One way to do this is to make a generic interface that is internal to metacat but can be subclasses by some plugin to parse specific ACL documents (like eml-access). This generic interface would be part of the metacat API so that it is accessible via http.</p> <p>Another way to do it is to have metacat actually create access documents from some API function, but this might run into conflict problems if a package already has an access file.</p> <p>We are going to have to retool this a bit when we start using eml2 anyway so it would be a good time to make this interface more general.</p>			

History

#1 - 01/07/2003 05:09 PM - Jing Tao

Change Milestone from postpone to 1.3

#2 - 01/16/2003 05:41 PM - Jing Tao

A new interface AccessControlInterface was created. It has generic constants(probably some methods) for access control. Two class implements the interface. One is AccessControlList which handle access document in data package. The other is a new class named AccessControlForSingleFile.

A new action in metacat was created name "setaccess". The format for this action is:

<http://dev.nceas.ucsb.edu/tao/servlet/metacat?action=setaccess&docid=pipeline.2&docid=pipeline3.1&principal=public&principal=jtao&permission=read&permType=allow&permOrder=allowFirst>

It will assign access rules in xml_access table for these docids if these docids are not in a package.

The method we judge if a docid is in a package:

Get doctype(public id) for this docid in xml_documents. Create a variable named packagedoctypeSet in metacat.property file. In this variable it has all public id such as:

BIN,
//ecoinformatics.org/eml-access-2.0.0beta6//EN,
//ecoinformatics.org/eml-access-2.0.0beta4//EN,
-//ecoinformatics.org/eml-attribute-2.0.0beta6//EN and so on.

If the doctype of this id is in this set, the setaccess action will be forbidden. Otherwise, it allows.

#3 - 03/27/2013 02:15 PM - Redmine Admin

Original Bugzilla ID was 926