Metacat - Bug #436

Bug of MetaCat in handling permission issue

02/22/2002 01:05 PM - Jing Tao

Status:	Resolved		**Start date:**	02/22/2002
Priority:	Immediate		**Due date:**	
Assignee:	Jing Tao		**% Done:**	0%
Category:	metacat		**Estimated time:**	0.00 hour
Target version:	1.1		**Spent time:**	0.00 hour
Bugzilla-Id:	436			

Description

After login the metacat from that web page by using
"uid=tao,o=NCEAS,dc=ecoinformatics,dc=org" as username, the data packages were
gotten correctly. If delect the url and type
"dev.nceas.ucsb.edu/tao/servlet/metacat?action=read&docid=mike.4.12". Though
we are not the data package's owner, we can read the document in the browser
even the principal value in document access permission is not public.

It seems Metacat have some bug in access control in document level. For
exmaple, read the document directly.

Related issues:

Blocked by Metacat - Bug #411: package export feature	**Resolved**	**02/04/2002**

History

#1 - 03/04/2002 09:01 PM - Jing Tao

In AccessControlList class, user, public and group will be put into a user
package. The permission for each element in this user package will be checked.
Owner has all permission. The other user will be look up into xml_access table.

In xml_access table, if there are several entries have ticket count to allow
rules for same user package. If that action, such as read, happened, the
ticket acount will be minus one for all entires. For example:

```
docid     principal_name  permission perm_type ticket_count
smith.23   public          read        allow     4
simth.23   mike            read        allow     3
```

After mike read docid smith.23 successfully one time, the ticket count for
public and mike will be 3 and 2.

In order to fix the bug, some classed in Morpho were used. We put morpho.jar
into lib. This is not good. We need to find more convenient way.

#2 - 03/07/2002 02:14 PM - Jing Tao

morpho jar file now is in the lib. Maybe will replace by source code lately.

#3 - 03/27/2013 02:14 PM - Redmine Admin

Original Bugzilla ID was 436