

## Morpho - Bug #2998

### Morpho uses 'allowFirst' by default when building access control

11/06/2007 03:42 PM - Chris Jones

<b>Status:</b>	Resolved	<b>Start date:</b>	11/06/2007
<b>Priority:</b>	Immediate	<b>Due date:</b>	
<b>Assignee:</b>	Jing Tao	<b>% Done:</b>	0%
<b>Category:</b>	morpho - general	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.7	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	2998		

#### Description

When inserting access control sections into EML documents created by Morpho, Morpho defaults to using a permission order of 'allowFirst' rather than 'denyFirst'. This creates an unintended problem when a deny statement is inserted for public access. For instance, the data-managers group below will be denied access after it has been granted access in the allow statement because it, too, belongs to the 'public' (everyone) group.

```
<access authSystem="ldap://ldap.ecoinformatics.org:389/dc=ecoinformatics,dc=org"
order="allowFirst">
<deny>
<principal>public</principal>
<permission>read</permission>
</deny>
<allow>
<principal>cn=data-managers,o=PISCO,dc=ecoinformatics,dc=org</principal>
<permission>all</permission>
</allow>
</access>
```

If the above had a permission order set to 'denyFirst', public read access would be denied, and then the allow statement would 'punch through' and provide all access to the data-managers group (which is the intention of this access statement).

Morpho should be configured to default to 'denyFirst' when creating acls to avoid this situation.

#### History

##### #1 - 05/30/2008 03:56 PM - Jing Tao

move to 1.7 release

##### #2 - 05/18/2009 04:34 PM - Jing Tao

Now it use "denyFirst" for both metadata and data.

##### #3 - 08/12/2009 03:48 PM - Jing Tao

move to 1.7

##### #4 - 03/27/2013 02:21 PM - Redmine Admin

Original Bugzilla ID was 2998