# Morpho - Bug #4366

## morpho should display common mime types (e.g., images)

09/03/2009 03:07 PM - Jing Tao

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|---|---|---|---|---|
| **Status:** | Resolved | | **Start date:** | 09/03/2009 |
| **Priority:** | Normal | | **Due date:** | |
| **Assignee:** | ben leinfelder | | **% Done:** | 0% |
| **Category:** | morpho - general | | **Estimated time:** | 0.00 hour |
| **Target version:** | 1.9 | | **Spent time:** | 0.00 hour |
| **Bugzilla-Id:** | 4366 | | | |

| **Description** |
|---|
| Bug 4365 will give user the ability to import other entity. So we should have morpho can display those otherEntity, i.e. images. |

## History

**#1 - 05/05/2010 04:12 PM - ben leinfelder**

Images and text are now being displayed correctly.
PDFs and other binary files will still show as text with crazy characters...

**#2 - 05/05/2010 04:37 PM - ben leinfelder**

I'm using the MIME type from
javax.activation.MimetypesFileTypeMap
which may or may not include all mime types we'd be interested in, depending on the user's system.
I notice the png and xls are not interpreted and become just application/octet stream with the default mime.types file in the activation.jar.
We could include a beefier mime.types file in the Morpho distribution or programmatically enter specific mime types or just leave it.

**#3 - 05/06/2010 03:18 PM - ben leinfelder**

I'll make sure to augment the MIME-type handling to include:
pdf
xls
mdb
png
csv
tab
and any others that are added to this bug.

For non-displayable files (pdf), we should not show them as text (as is currently the case).

Jim's request:
All data entities should be exportable on their own.

**#4 - 05/07/2010 11:04 AM - ben leinfelder**

I'm going to see about adding the mime.types file to the morpho-config.jar under the META-INF/ directory as described here:
http://java.sun.com/javase/technologies/desktop/javabeans/glasgow/javadocs/javax/activation/MimetypesFileTypeMap.html

**#5 - 05/07/2010 02:11 PM - ben leinfelder**

now packaging the mime.type in META-INF/
we can add more as needed.

**#6 - 06/04/2010 10:36 AM - ben leinfelder**

closing this now. if we need more mime types mapped, then we can add them as needed

**#7 - 03/27/2013 02:26 PM - Redmine Admin**

Original Bugzilla ID was 4366