Access to Memory (AtoM) - Bug #13144

Creating a digital object without path raises an error in 2.5.x

08/12/2019 06:58 AM - José Raddaoui Marín

Status:	Verified		Start date:	08/12/2019
Priority:	Medium		Due date:	
Assignee:	Dan Gillean		% Done:	0%
Category:	Digital object		Estimated time:	0.00 hour
Target version:	Release 2.5.2			
Google Code Legacy ID:			Tested version:	2.5
Sponsored:	No		Requires documentation:	

Description

To reproduce:

- Perform a metadata only DIP upload from AM.

Notes:

The path column from DO table has a NOT NULL clause without a default value. This is causing MySQL errors when the DO is created from the metadata only DIP upload request (I think it's the only place for now), where the DO has an "Offline" usage and no path.

This issue came out now probably because of the upgrade to MySQL 5.7 and/or the re-addition of STRICT_TRANS_TABLES to the sql_mode. Options to fix it:

1. Remove the NOT NULL clause or add a default value to the column (requires migration).
2. Remove STRICT_TRANS_TABLES from sql_mode (less secure database and requires documentation and deploy changes).
3. Make sure path is not NULL on DO save.

History

#1 - 08/12/2019 07:01 AM - José Raddaoui Marín

- Status changed from New to Code Review

I went with option 3 to avoid the requirements of 1 and 2 in a minor release:

https://github.com/artefactual/atom/pull/950

#2 - 08/12/2019 10:53 AM - Mike Cantelon

- Status changed from Code Review to Feedback

Looks good to me!

#3 - 08/14/2019 04:56 AM - José Raddaoui Marín

- Status changed from Feedback to QA/Review

- Assignee changed from José Raddaoui Marín to Dan Gillean

Thanks Mike!

Ready for testing in qa/2.6.x and dev/dip-upload-stable (based on stable/2.5.x with all the DIP upload related fixes).

#4 - 08/14/2019 05:00 AM - José Raddaoui Marín

To verify this one, make sure all descriptions are created from a metadata only DIP upload, without errors from the AtoM API.

#5 - 08/21/2019 03:10 PM - Sara Allain

- Status changed from QA/Review to Verified