

Access to Memory (AtoM) - Bug #10648

Error 'The "i18n" object does not exist in the current context'

12/07/2016 12:53 PM - Nick Wilkinson

Status: Verified	Start date: 12/07/2016
Priority: Medium	Due date:
Assignee: Dan Gillean	% Done: 0%
Category: Installation	Estimated time: 0.00 hour
Target version: Release 2.4.0	Tested version: 2.3
Google Code Legacy ID:	Requires documentation:
Sponsored: No	

Description

During AtoM install, if the admin restarts the server after installing PHP, but before running the web based AtoM setup, when AtoM setup is run it will fail after completing the "Configuring Search" page with the error "The "i18n" object does not exist in the current context". This affects 16.04 installs but I haven't tested anywhere else - I suspect it affects any OS where ticket 8887 is deployed.

This has been reported in the forums:
https://groups.google.com/forum/#!topic/ica-atom-users/m_JXLWB6jt0
<https://groups.google.com/forum/#!topic/ica-atom-users/Guab2J2rXtQ>

This appears to be triggered here:
<https://github.com/artefactual/atom/blob/28675e4124705502ef3ff6bd33b4dfda69215cf1/plugins/sfInstallPlugin/lib/sfInstall.class.php#L459>
...and is related to ticket #8887

The first message in this forum post contains the full trace for the error:
https://groups.google.com/forum/#!topic/ica-atom-users/m_JXLWB6jt0

It was found that if a user encounters this error, they can work around by:

- restart fpm (sudo systemctl restart php7.0-fpm <-- in the case of Ubuntu 16.04)
- restart the install (dump and recreate db, delete and set up the atom application folder again)
- the install will now proceed cleanly.

If the user just tries again without restarting fpm, they will repeatedly run into the same error during install.

A coded fix has not been implemented yet and this is not directly related to Ubuntu 16.04.

Related issues:

Related to Access to Memory (AtoM) - Feature # 8887: Add individual user-frie...	Verified	08/28/2015
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History

#1 - 12/07/2016 12:56 PM - Nick Wilkinson

- Description updated

#2 - 12/07/2016 12:56 PM - Nick Wilkinson

- Related to Feature #8887: Add individual user-friendly access statements per PREMIS Rights Basis added

#3 - 12/07/2016 03:10 PM - Nick Wilkinson

- Assignee set to Steve Breker

#4 - 01/17/2017 10:05 AM - Dan Gillean

- Category set to Installation

- Target version set to Release 2.4.0

- Tested version 2.3 added

#5 - 01/31/2017 09:08 AM - Steve Breker

Clear PHP opcode cache. This was added to correct issue where occasionally during installation, the cache will contain the vendor skeleton .yml files, which override the AtoM config files that should be written to the cache folder during install. This prevents the i18n and Qubit helpers being loaded (from apps/qubit/config/settings.yml) triggering the i18n errors during the installation process.

<https://github.com/artefactual/atom/pull/509>

#6 - 01/31/2017 09:37 AM - Steve Breker

JGC code reviewed and gave thumbs up.

<https://github.com/artefactual/atom/pull/509>

#7 - 01/31/2017 09:40 AM - Steve Breker

- Status changed from New to QA/Review

- Assignee changed from Steve Breker to Nick Wilkinson

This will be difficult to test as the issue does not trigger in every case.

Testing should at least comprise of checking to ensure that the install process proceeds as expected.

#8 - 01/31/2017 12:34 PM - Nick Wilkinson

- Assignee changed from Nick Wilkinson to Dan Gillean

#9 - 01/31/2017 12:37 PM - Nick Wilkinson

- Assignee changed from Dan Gillean to Santiago Collazo

Hi Santi, can you attempt a clean install with this fix on a VM running Ubuntu 16.04?

#10 - 02/14/2017 08:01 AM - Steve Breker

Let me know how this test goes. Once complete, I would like to pick this for stable/2.3.x.

#11 - 03/23/2017 09:06 PM - Jesús García Crespo

Let's do this!

#12 - 03/24/2017 09:40 AM - Santiago Collazo

- Assignee changed from Santiago Collazo to Steve Breker

Tested with stable/2.3.x with cherry picked 18ca74cd3cbbcaeff673f8b0cc9556b4553 , and everything worked fine.

#13 - 03/24/2017 03:38 PM - Steve Breker

I have completed picking this change to stable/2.3.x.

#14 - 03/24/2017 03:39 PM - Steve Breker

- Assignee changed from Steve Breker to Nick Wilkinson

#15 - 03/24/2017 03:42 PM - Nick Wilkinson

- Assignee changed from Nick Wilkinson to Dan Gillean

#16 - 05/19/2017 02:43 PM - Dan Gillean

- Status changed from QA/Review to Verified