

TYPO3 Core - Bug #67188

Epic # 72584 (Closed): sysex:impexp

Wrong FAL References after Import

2015-05-29 10:38 - Robert Heinig

Status: Closed	Start date: 2015-05-29
Priority: Should have	Due date:
Assignee:	% Done: 100%
Category: Import/Export (T3D)	Estimated time: 0.00 hour
Target version:	Complexity:
TYPO3 Version: 6.2	Is Regression: No
PHP Version:	Sprint Focus:
Tags:	
Description Scenario: Export source system: Two sys_file entries were exported with uids 1 and 2. They both have sys_file_reference entries. Import target system: There is already one sys_file entry with uid 1. After Import all sys_file_reference references formerly referenced to sys_file:1 will be referenced to sys_file:3, but they should be referenced to sys_file:2. This behavior is caused by TYPO3\CMS\Impexp\ImportExport::fixUidLocalInSysFileReferenceRecords(). During import this function will correctly replace sys_file:1 references with sys_file:2. But when it looks for sys_file:2 to replace, it will not only replace "old" sys_file:2 occurrences, it replaces all sys_file:2 occurrences, which is wrong, because there are old and new sys_file:2 present in the records array. Solution: I fixed this issue with setting a "processed" flag within fixUidLocalInSysFileReferenceRecords() as sibling of the "data" array when replacing the uid_local value of a sys_file_reference entry. Besides checking for file uid equality the if condition checks whether the "processed" flag was set. There may be a better solution for this problem, i don't know the impexp extension very well.	
Related issues:	
Related to TYPO3 Core - Bug #84041: Existing file references are modified aft...	Accepted 2018-02-26
Has duplicate TYPO3 Core - Bug #72207: Files missing in import/export	Closed 2015-12-14

Associated revisions

Revision cd7a8572 - 2018-01-15 20:50 - Christian Kuhn

[BUGFIX] impexp: Wrong FAL references after import

Fix a case during ext:impexp FAL uid mapping where sys_file_reference end up pointing to wrong sys_file records in case new sys_file uids also already exist in import file, due to multiple mappings.

Power the patch with a functional test - it fails without the change in Import.php and is ok with the change.

See the test method comments for more details on what exactly is checked here.

Change-Id: I472cad2652e8d6f5d30e4ebc68ff1ae93de71ea1

Resolves: #67188

Releases: master, 8.7, 7.6

Reviewed-on: <https://review.typo3.org/55365>

Tested-by: TYPO3com <no-reply@typo3.com>

Reviewed-by: Benjamin Kott <benjamin.kott@outlook.com>

Tested-by: Benjamin Kott <benjamin.kott@outlook.com>

Reviewed-by: Frank Naegler <frank.naegler@typo3.org>

Tested-by: Frank Naegler <frank.naegler@typo3.org>
Reviewed-by: Wouter Wolters <typo3@wouterwolters.nl>
Reviewed-by: Christian Kuhn <lolli@schwarzbu.ch>
Tested-by: Christian Kuhn <lolli@schwarzbu.ch>

Revision 7585a53d - 2018-01-15 20:51 - Christian Kuhn

[BUGFIX] impexp: Wrong FAL references after import

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Resolves: #67188

Releases: master, 8.7, 7.6

Reviewed-on: <https://review.typo3.org/55367>

Tested-by: TYPO3com <no-reply@typo3.com>

Reviewed-by: Christian Kuhn <lolli@schwarzbu.ch>

Tested-by: Christian Kuhn <lolli@schwarzbu.ch>

Revision 587e83cc - 2018-01-15 20:51 - Christian Kuhn

[BUGFIX] impexp: Wrong FAL references after import

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Releases: master, 8.7, 7.6

Reviewed-on: <https://review.typo3.org/55368>

Tested-by: TYPO3com <no-reply@typo3.com>

Reviewed-by: Christian Kuhn <lolli@schwarzbu.ch>

Tested-by: Christian Kuhn <lolli@schwarzbu.ch>

History

#1 - 2015-06-18 12:49 - Marc Bastian Heinrichs

- Status changed from New to Accepted
- Assignee set to Marc Bastian Heinrichs
- Priority changed from Must have to Should have

#2 - 2015-11-12 17:07 - Mathias Schreiber

- Target version deleted (next-patchlevel)

#3 - 2016-01-08 10:27 - Anja Leichsenring

- Parent task set to #72584

#4 - 2016-01-08 11:22 - Anja Leichsenring

- Sprint Focus set to On Location Sprint

#5 - 2016-02-05 20:02 - Markus Klein

- Assignee deleted (Marc Bastian Heinrichs)

#6 - 2016-05-09 15:22 - Nicole Cordes

- Sprint Focus deleted (On Location Sprint)

#7 - 2018-01-12 23:12 - Christian Kuhn

- Has duplicate Bug #72207: Files missing in import/export added

#8 - 2018-01-15 15:57 - Gerrit Code Review

- Status changed from Accepted to Under Review

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/55365>

#9 - 2018-01-15 16:00 - Christian Kuhn

Confirmed.

This one is nasty. It seems this issue currently also triggers some 'missing / wrong' images if installing ext:introduction distribution.

Special thanks for the explanation and analysis Robert, that helped a lot already.

It took me a while, but I was able to reproduce this locally with your description, then came up with a functional test case to reproduce that in code.

Now lets see if we can fix this issue.

#10 - 2018-01-15 16:17 - Gerrit Code Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/55365>

#11 - 2018-01-15 18:58 - Gerrit Code Review

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/55365>

#12 - 2018-01-15 19:07 - Gerrit Code Review

Patch set 4 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/55365>

#13 - 2018-01-15 19:30 - Gerrit Code Review

Patch set 5 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/55365>

#14 - 2018-01-15 19:39 - Gerrit Code Review

Patch set 1 for branch **TYPO3_8-7** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/55367>

#15 - 2018-01-15 19:42 - Gerrit Code Review

Patch set 1 for branch **TYPO3_7-6** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/55368>

#16 - 2018-01-15 21:00 - Christian Kuhn

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [cd7a8572e6be482e8d7adf1bf25209dd1c44e947](https://review.typo3.org/55368).

#17 - 2018-01-15 21:25 - Marc Bastian Heinrichs

Kudos Lolli, thx for the hard brain work!

#18 - 2018-02-26 07:52 - Markus Klein

- Related to Bug #84041: Existing file references are modified after export/import added

#19 - 2018-10-02 11:44 - Benni Mack

- Status changed from Resolved to Closed