TYPO3 Core - Bug #67676

Element "sys_file_reference:XXX" does not exist"

2015-06-22 12:55 - Rene Sonntag

Status:	Closed	**Start date:**	2015-06-22
Priority:	Must have	**Due date:**	
Assignee:	Oliver Hader	**% Done:**	90%
Category:	Workspaces	**Estimated time:**	0.00 hour
Target version:			
TYPO3 Version:	9	**Complexity:**	medium
PHP Version:		**Is Regression:**	No
Tags:		**Sprint Focus:**	

Description

Error message:
"router
Element "sys_file_reference:XXX" does not exist"

How to reproduce:

- install a new clean TYPO3 6.2.13
- activate workspaces extension
- create a DRAFT workspace
- in LIVE workspace:
- create a new page
- create a content element "Text & Images"
- add an image
- goto DRAFT workspace:
- copy the content element
- paste the content element
- activate the new copied content element
- publish to live
- edit the new copied element
- add a new image
- delete the old image
- publish to live
- goto Workspaces - LIVE workspace ... the error message will appear

Testet in TYPO3 6.2.11, 6.2.12, 6.2.13
Not repeatable in TYPO3 6.2.6

Thanks for fixing.

Best regards,
René

Related issues:

Related to TYPO3 Core - Bug #67533: Legacy uploadfolder does not work correct...	**Closed**	2015-06-17
Related to TYPO3 Core - Bug #73062: fal images in workspaces don't work in ex...	**Closed**	2016-02-01
Related to TYPO3 Core - Bug #85780: Published change is not visible anymore i...	**Closed**	2018-08-08
Related to TYPO3 Core - Bug #91025: List of changes in workspace view stays e...	**Closed**	2020-04-14
Related to TYPO3 Core - Bug #89359: sys_file_reference does not exists in wor...	**Closed**	2019-10-07

Associated revisions

Revision c2b67e20 - 2020-09-07 23:01 - Christian Kuhn

[BUGFIX] Update ref-index when deleting new workspace relations

Adding an image to a workspace content element adds two
sys_refindex entries: One for the sys_file_reference
t3ver_state=-1 and one for the t3ver_state=1 record.

Deleting the image reference again in workspaces only sets
one of the two to deleted in sys_refindex, leading to orphan
sys_refindex entries.

The patch fixes this by adding a 'redo refindex' call at the
appropriate place.

There are more issues when 'discard changes' is used together with
multi-level relations (tt_content->hotel->offer->price): Discard
does not properly cascade in those cases, yet. The patch touches
this as a side-effect and does not improve the situation. The .csv
files are marked with @todo accordingly and will be fixed with further
patches. Those scenarios are more seldom than a broken sys_refindex
for FAL images which is the primary goal of this patch.

Analyzing the test scenarios, the patch actually removes various
rows from sys_refindex where the left part of the relation is set
to deleted. This is correct and wanted: In the end we don't want
sys_refindex to contain reference to deleted rows at all. This
strategy will be further followed with other patches.

Resolves: #61917
Related: #67676
Releases: master, 10.4
Change-Id: I3246f263e393c6b384c2d98b0dbbcf4dbbeeccad
Reviewed-on: https://review.typo3.org/c/Packages/TYPO3.CMS/+/65510
Tested-by: TYPO3com <noreply@typo3.com>
Tested-by: Benni Mack <benni@typo3.org>
Reviewed-by: Benni Mack <benni@typo3.org>

Revision 1635721b - 2020-09-07 23:01 - Christian Kuhn

[BUGFIX] Update ref-index when deleting new workspace relations

Adding an image to a workspace content element adds two
sys_refindex entries: One for the sys_file_reference
t3ver_state=-1 and one for the t3ver_state=1 record.

Deleting the image reference again in workspaces only sets
one of the two to deleted in sys_refindex, leading to orphan
sys_refindex entries.

The patch fixes this by adding a 'redo refindex' call at the
appropriate place.

There are more issues when 'discard changes' is used together with
multi-level relations (tt_content->hotel->offer->price): Discard
does not properly cascade in those cases, yet. The patch touches
this as a side-effect and does not improve the situation. The .csv
files are marked with @todo accordingly and will be fixed with further
patches. Those scenarios are more seldom than a broken sys_refindex
for FAL images which is the primary goal of this patch.

Analyzing the test scenarios, the patch actually removes various
rows from sys_refindex where the left part of the relation is set
to deleted. This is correct and wanted: In the end we don't want
sys_refindex to contain reference to deleted rows at all. This
strategy will be further followed with other patches.

Resolves: #61917
Related: #67676
Releases: master, 10.4
Change-Id: I3246f263e393c6b384c2d98b0dbbcf4dbbeeccad
Reviewed-on: https://review.typo3.org/c/Packages/TYPO3.CMS/+/65628
Tested-by: TYPO3com <noreply@typo3.com>
Tested-by: Benni Mack <benni@typo3.org>
Reviewed-by: Benni Mack <benni@typo3.org>

Revision 01ed8eb7 - 2020-09-23 17:37 - Christian Kuhn

[BUGFIX] Properly update reference index when deleting children

When deleting children in a relation, reference index rows
pointing to a child must be updated, otherwise dangling
reference index rows are left, leading to all kinds of trouble.

Change-Id: I8e8086846ae53c5a32aafc553b6ea66d4a17d7fb
Resolves: #67676
Releases: master, 10.4
Reviewed-on: https://review.typo3.org/c/Packages/TYPO3.CMS/+/65809
Tested-by: TYPO3com <noreply@typo3.com>
Tested-by: Benni Mack <benni@typo3.org>
Tested-by: Oliver Bartsch <bo@cedev.de>
Tested-by: Christian Kuhn <lolli@schwarzbu.ch>
Reviewed-by: Benni Mack <benni@typo3.org>
Reviewed-by: Oliver Bartsch <bo@cedev.de>
Reviewed-by: Christian Kuhn <lolli@schwarzbu.ch>

Revision 1a32e1ea - 2020-09-23 18:01 - Christian Kuhn

[BUGFIX] Properly update reference index when deleting children

When deleting children in a relation, reference index rows
pointing to a child must be updated, otherwise dangling
reference index rows are left, leading to all kinds of trouble.

Change-Id: I8e8086846ae53c5a32aafc553b6ea66d4a17d7fb
Resolves: #67676
Releases: master, 10.4
Reviewed-on: https://review.typo3.org/c/Packages/TYPO3.CMS/+/65827
Tested-by: TYPO3com <noreply@typo3.com>
Tested-by: Christian Kuhn <lolli@schwarzbu.ch>
Reviewed-by: Christian Kuhn <lolli@schwarzbu.ch>

History

#1 - 2015-07-03 12:05 - Alex Senge

Impact also seen in Typo3 6.2.9 - images are getting lost in content elements.
Live Workspace is not available, it´s loading and loading, nothing happens. Click on other workspaces is possible, they are loading.

Additionally in the t3 log are several PHP Warnings, array are not closing etc. I am not sure if this belongs together but it appeared at the same time
as workspace impact:

Core: Error handler (FE): PHP Warning: array_flip() expects parameter 1 to be array, null given in
/home/.sites/106/site3/web/typo3_src-6.2.9/typo3/sysext/core/Classes/Charset/CharsetConverter.php line 929

Core: Error handler (FE): PHP Warning: get_html_translation_table() expects at most 2 parameters, 3 given in
/home/.sites/106/site3/web/typo3_src-6.2.9/typo3/sysext/core/Classes/Charset/CharsetConverter.php line 929

Thanks for fixing.

Best regards,
Alex

#2 - 2015-07-11 10:52 - Wouter Wolters

- Status changed from New to Needs Feedback

Can you try a more recent version of 6.2?

Between 6.2.9 and 6.2.14 there are several fixes included for workspaces. This problem should be solved now.

#3 - 2015-07-13 09:47 - Rene Sonntag

I've just did a test in 6.2.14 ... same behavior.

You are able to reproduce the error with the instructions written in initial post.

Thx.
Best regards, René

#4 - 2015-07-28 15:52 - Stefan Maischner

Same here :(
6.2.14. with workspaces.

"router
Element "sys_file_reference:472" does not exist"

Even if a user has deleted a file reference in the backend - this error never should thrown, but ignored.

Analyzing:
UID 472 does not exists in sys_file_reference (anymore) (instead of "deleted=1")

#5 - 2015-08-13 13:19 - Alexander Opitz

We also got sometimes this issue. the couse is that the workspace module tries to find data by sys_reference which may fail if it isn't up to date.

Please try to run the lowlevel commands to update your sys_reference. And then try again.

#6 - 2015-09-01 10:19 - Rene Sonntag

Hello Alexander,

We run the cleaner_fix.sh script - same error in TYPO3 backend.

We run the "lowlevel_refindex" command - same error in TYPO3 backend.

This hint will not fix this issue.

Thx.
Best regards, René

#7 - 2015-09-01 10:39 - Alexander Opitz

What was the last output of the typo3/cli_dispatch.phpsh lowlevel_refindex run?

#8 - 2015-09-01 15:35 - Rene Sonntag

Ok, we run a development platform and a live platform.

On development platform the error 'Element "sys_file_reference:XXX" does not exist"' disappeard after running "lowlevel_refindex" command.
On live platform the error 'Element "sys_file:XXX" does not exist"' didn't disappear after running "lowlevel_refindex" command.

So there is a difference between these two errors "sys_file:XXX" and "sys_file_reference:XXX".

As I said the issue is not repeatable in older version 6.2.6 - so something was changed relating to file handling.

Thx.
Best regards, René

#9 - 2015-09-01 15:48 - Alexander Opitz

Till yet you spoke about the issue "sys_file_reference:XXX" which is, as you wrote, gone now. So the described fix helped you for the given issue.

Your next issue "sys_file:XXX" is another issue, but also for that, you didn't answer my last question.

#10 - 2015-09-01 16:48 - Rene Sonntag

Sorry about that - here are the last lines of the lowlevel_refindex run:

*"Index table hosted 51 indexes for non-existing tables, now removed
251482 records from 47 tables were checked/updated.
Updates: 7337"*

Thx.
Best regards, René

#11 - 2015-09-01 17:43 - Alexander Opitz

As the number of updates isn't zero, it seams it needs to run more times. Please take a look into the documentation for this:
https://github.com/TYPO3/TYPO3.CMS/blob/master/typo3/sysext/lowlevel/README.rst

BTW: Please consider a data lose if you use Workspaces (then please do not run the orphan_records lowlevel_cleaner).

#12 - 2015-09-02 14:16 - Rene Sonntag

We rerun the lowlevel command. The last output was "Index Integrity was perfect!".

So, we debugged the 'Element "sys_file:XXX" does not exist"' error and found out that the following SQL query will fix this error:
"UPDATE sys_file_metadata SET pid='0' WHERE pid='-1';"

Summary:

Newer versions of TYPO3 has a problem in file handling in combination with workspaces. Last testet TYPO3 version without that issue is 6.2.6.

To fix the error 'Element "sys_file_reference:XXX" does not exist"' a "typo3/cli_dispatch.phpsh lowlevel_refindex -e" command will help.
To fix the error 'Element "sys_file:XXX" does not exist"' a "UPDATE sys_file_metadata SET pid='0' WHERE pid='-1';" SQL query will help.

Those workarounds are not applicable by customer. If somebody edit files on content elements in workspaces agin - the error will recur. Issue should be fixed in TYPO3 Core.

@Alexander: special thanks for helping out.

Best regards, René

#13 - 2015-09-03 11:20 - Alexander Opitz

- Category set to Workspaces

Hmmm, this sounds as sys_file_metadata for the given sys_file was changed inside a workspace (that's why pid is set to -1).
With your update statement you generated a dead entry, that's why the workspace do not find it anymore.

So do we come back to your issue. You give us steps to reproduce the issue, does this reproduce the "sys_file_reference:XXX" issue or the "sys_file:XXX" issue?

#14 - 2015-09-03 13:48 - Rene Sonntag

The steps describe a way to reproduce the "sys_file_reference:XXX" issue.

We can reproduce it with a clean TYPO3 installation and our project TYPO3 instances.

Thx, René

#15 - 2015-09-03 13:52 - Alexander Opitz

- Status changed from Needs Feedback to In Progress

- Assignee set to Alexander Opitz

Fine, will check. Would be nice if you can find a way to reproduce the other one (or maybe it is a side effect of this one).

#16 - 2015-09-03 14:35 - Alexander Opitz

- Status changed from In Progress to Needs Feedback

Again a Question. :)

After the steps of reproducing and running the *typo3/cli_dispatch.phpsh lowlevel_refindex -e* command. Do you see something in the Workspace module for the "Live Workspace"?

#17 - 2015-09-04 14:01 - Rene Sonntag

After the steps of reproducing the error "sys_file_reference:XXX" appears in Workspace module for the "Live Workspace".

After running typo3/cli_dispatch.phpsh lowlevel_refindex -e command we do see all the things that should be displayed - not an empty site or something like that.

René

#18 - 2015-09-04 14:42 - Alexander Opitz

I mean, do you see elements in the Workspace module for the live Workspace? Normally you shouldn't see something there, as they are Live.

#19 - 2015-09-07 09:58 - Rene Sonntag

- File ss_typo_workspace.PNG added

In live workspace are two columns "Changed" and "Live-Title". Its filled with some information about former changes. Find a screenshot attached (clean TYPO3 6.2.13 with announced steps of reproducing).

In draft workspace there are "Changed", "Live-Title", "Current Stage" and "Actions".

René

#20 - 2015-09-07 10:11 - Alexander Opitz

- Status changed from Needs Feedback to In Progress

#21 - 2015-09-07 15:14 - Alexander Opitz

At the moment I'm waiting for reviews on https://forge.typo3.org/issues/69135 ... which may also cause this issue.

#22 - 2015-09-24 08:41 - Alexander Opitz

- Status changed from In Progress to Needs Feedback

- Assignee changed from Alexander Opitz to Rene Sonntag

Hi, the mentioned issue is now solved, can you please check your issue with TYPO3 from git?

#23 - 2015-09-30 13:46 - Rene Sonntag

Hi,

I downloaded the latest version from git (TYPO3.CMS-cc04ac1, 75/43575/2, 6.2.16-dev), set up a clean instance and repeated the steps from the issue description above ... the issue still exists :-(

Best regards,
René

#24 - 2015-09-30 15:41 - Alexander Opitz

- Status changed from Needs Feedback to Accepted

- Assignee changed from Rene Sonntag to Alexander Opitz

#25 - 2015-10-26 18:23 - Oliver Hader

Ok, could reproduce with the mentioned steps in the workspace module in the live-workspace in 6.2.16-dev (TYPO3_6-2 branch)

#26 - 2015-10-26 18:46 - Oliver Hader

Exception is thrown in ElementEntityProcessor::createNewDependentElementCallback
The missing sys_file_reference relations once was the delete-placeholder created in the edit action after the parent content element has been published the first time (according to the test-plan in the initial description of this issue). After fixing the reference index, the issue did no occur anymore.

This means:

- reference index is not purged automatically on removing a delete-placeholder upon publishing
- any far more important - the published workspace version is displayed in the workspace module of the live workspace, which should IMO not happen since it was a workspace version and is not a valid live version anymore (I'm referring to using the versioning feature without actually using workspaces)

#27 - 2015-10-26 18:46 - Oliver Hader

- Complexity set to medium

#28 - 2015-10-27 08:59 - Rene Sonntag

As I mentioned above:

Only newer versions of TYPO3 has a problem in file handling in combination with workspaces. Last testet TYPO3 version **without that issue is 6.2.6.**

To fix the error 'Element "sys_file_reference:XXX" does not exist'" a "typo3/cli_dispatch.phpsh lowlevel_refindex -e" command will help.
To fix the error 'Element "sys_file:XXX" does not exist'" a "UPDATE sys_file_metadata SET pid='0' WHERE pid='-1';" SQL query will help.

Those workarounds ARE NOT applicable by customer. If somebody edit files on content elements in workspaces again - the error will recur. Issue should be fixed in TYPO3 Core.

None of our customer is willing to fix the reference index manually every time file references has been changed.

Its an issue of newer versions of TYPO3.

Thx, René

#29 - 2015-10-30 16:02 - Oliver Hader

- Target version set to next-patchlevel

#30 - 2015-11-12 17:07 - Mathias Schreiber

- Target version deleted (next-patchlevel)

#31 - 2015-12-08 15:24 - Rene Sonntag

What are the next steps in this issue?

Best regards,
René

#32 - 2015-12-14 17:50 - Alexander Opitz

- Assignee changed from Alexander Opitz to Oliver Hader

#33 - 2016-01-06 08:31 - Daniel Schindler

We ended up overwriting \TYPO3\CMS\Workspaces\ExtDirect\ActionHandler via XCLASS to cleanup the refindex table after relevant workspace actions.

ext_localconf.php:

```
$GLOBALS['TYPO3_CONF_VARS']['SYS']['Objects']['TYPO3\CMS\Workspaces\ExtDirect\ActionHandler'] = array(
    'className' => 'vendor\extensionname\XCLASS\ActionHandler'
);
```

typo3conf/ext/extensionname/Classes/XCLASS/ActionHandler.php

```php
<?php
namespace vendor\extensionname\XCLASS;

use TYPO3\CMS\Backend\Utility\BackendUtility;
use TYPO3\CMS\Core\Utility\GeneralUtility;

/**
 * ...
 */
class ActionHandler extends \TYPO3\CMS\Workspaces\ExtDirect\ActionHandler
{

    /**
     * On all workspace actions, refresh the refindex table for affected datasets
     * ...
     */
    protected function processTcaCmd(array $cmdMapArray)
    {
        $result = parent::processTcaCmd($cmdMapArray);

        foreach ($cmdMapArray as $sTablename => $aRows) {
            if (is_array($aRows)) {
                foreach ($aRows as $iUidLive => $aVersionData) {
                    $iUidWorkspace = empty($aVersionData['version']['swapWith']) ? 0 : (int)$aVersionData[
'version']['swapWith'];
                    if ($iUidWorkspace) {
                        $this->updateRefIndexForWorkspaceAndLive($sTablename, $iUidLive);
                        $this->updateRefIndexForWorkspaceAndLive($sTablename, $iUidWorkspace);
                    }
                }
            }
        }

        return $result;
    }

    /**
     * If table is workspace activated, update Reference Index (sys_refindex) for a record in current and LIVE
workspace
     * ...
     */
    protected function updateRefIndexForWorkspaceAndLive($table, $id)
    {
        /** @var $refIndexObj \TYPO3\CMS\Core\Database\ReferenceIndex */
        $refIndexObj = GeneralUtility::makeInstance('TYPO3\\CMS\\Core\\Database\\ReferenceIndex');
        if (BackendUtility::isTableWorkspaceEnabled($table)) {
            $refIndexObj->setWorkspaceId(0);
            $refIndexObj->updateRefIndexTable($table, $id);

            if (!empty($GLOBALS['BE_USER']->workspace)) {
```

```
                    $refIndexObj->setWorkspaceId($GLOBALS['BE_USER']->workspace);
                    $refIndexObj->updateRefIndexTable($table, $id);
                }
            }
        }
}
```

#34 - 2016-02-01 11:15 - Martin Weymayer

bug also comes up in type3 7.6.2. if i delete an image (logged in user without admin-rights) in draft workspace which was already aplied to "live workspace" an error occures:
router
Element "sys_file_reference:123" does not exist

if i go to workspaces live with admin rights. if i look up in table sys_file_reference uid 123 is missing.

#35 - 2016-02-18 15:42 - Andreas Krämer

I have the same problem (TYPO3 6.2.12) and "typo3/cli_dispatch.phpsh lowlevel_refindex -e" could not solve it for 'Element "sys_file_reference:XXX" does not exist'. Even if I executed it multiple times.
So I deleted those entries manually to get workspaces to work again:

```
DELETE FROM sys_refindex WHERE ref_table = "sys_file_reference" AND ref_uid = XXX
```

#36 - 2016-02-19 09:33 - Andreas Lau

Hey,

I tried to implement the XCLass-Solution (#33) but it did not work.
It either broke the whole typo3 with a message that it could not find the class "vendor\extensionname\XCLASS\ActionHandler" or the typo3 worked but there was no change in its behavior.
Do you have an idea if i missed something?

"typo3/cli_dispatch.phpsh lowlevel_refindex -e" works though.

Thank you for working on it.

#37 - 2016-02-22 10:10 - Christian Fries

Same issue here with TYPO3 7.6.3

#38 - 2016-03-21 11:29 - Torsten Fink

We have this problem all the time on the live servers, but with tt_content and pages (i think because of templavoila), so i get a nasty command to fix this in time until we found a solution

```
DELETE sysref.*
FROM sys_refindex sysref
WHERE hash IN (SELECT hash
                FROM (SELECT sr.hash
                    FROM `sys_refindex` sr LEFT JOIN tt_content c ON c.uid = sr.ref_uid WHERE sr.ref_table =
'tt_content' AND c.uid is null) x);

DELETE sysref.*
FROM sys_refindex sysref
WHERE hash IN (SELECT hash
                FROM (SELECT sr.hash
                    FROM `sys_refindex` sr LEFT JOIN pages p ON p.uid = sr.ref_uid WHERE sr.ref_table = 'page
s' AND p.uid is null) x);
```

#39 - 2016-03-21 14:48 - Simon Praetorius

I can reproduce this error message with TYPO3 6.2.19 doing the following:

- Switch to Draft workspace
- Upload Image1.jpg and Image2.jpg in file list
- Create new page
- Create new image element on page, select Image1.jpg, save
- Edit image element, delete Image1.jpg reference, add Image2.jpg reference, save
- Switch to file list, delete Image1.jpg (no error because it isn't referenced anymore)
- Switch to Workspace module: "sys_file_reference:XXX" does not exist"

#40 - 2016-04-01 09:39 - 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/47477

#41 - 2016-04-01 09:48 - Stefan Rotsch

IMHO this is a regression introduced with #64253.

Thanks to the detailed step description I was able to reproduce the issue with a functional test; please have a look at the patch set.

I'm in high doubt where to exactly put the test, but I hope you'll get the idea. Comments on how to clean this up highly appreciated.

The fix itself seems pretty straightforward, but I would love to hear if it does not interfere with the change intended by the author of #64253.

#42 - 2016-10-14 15:02 - Christian Weiske

We see this in TYPO3 7.6.10

#43 - 2017-02-13 09:29 - Rafal Brzeski

the same on 7.6.15

#44 - 2017-04-18 15:43 - Rene Sonntag

- TYPO3 Version changed from 6.2 to 7

#45 - 2017-04-18 15:44 - Rene Sonntag

Same error on 7.6.16

#46 - 2017-04-24 23:54 - Riccardo De Contardi

Seems solved on 9.0.0-dev (latest master). (tested with test https://forge.typo3.org/issues/67676#note-39)Can someone confirm?

#47 - 2017-09-29 11:40 - Frank Gerards

~~The patch proposed triggers an error " [newlog()] Could not be edited in offline workspace in the branch where found (failure state: 'Workspace ID of record didn't match current workspace'). Auto-creation of version not allowed in workspace!" and the relation is completely lost during publishing into live workspace (7.6.23).~~

Nvm - fixed as the initial relation state of these records was broken.
The patch proposed in this ticket seems to work for us on 7.6.23. Could you please integrate it into the core, so lots of users can profit from it ? I think the discussion about regression tests in this patch delaying it for 1-2 years is real unuseful.

#48 - 2017-10-02 08:28 - 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/47477

#49 - 2017-10-02 08:33 - 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/47477

#50 - 2017-11-14 15:57 - Sascha Schieferdecker

I can confirm this bug still exists in 7.6.23. A fix would be very welcome.

#51 - 2017-11-24 22:25 - Benni Mack

- Sprint Focus set to On Location Sprint

#52 - 2018-02-06 10:17 - 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/47477

#53 - 2018-02-15 16:06 - Kurt Gusbeth

The bug still exists in TYPO3 7.6.24.
Error message in the draft workspace:

```
router
Element "sys_file_reference:2408" does not exist
```

sys_log-entry for this case:

```
INSERT INTO `sys_log` (`uid`, `pid`, `userid`, `action`, `recuid`, `tablename`, `recpid`, `error`, `details`,
`tstamp`, `type`, `details_nr`, `IP`, `log_data`, `event_pid`, `workspace`, `NEWid`, `request_id`, `time_micro
`, `component`, `level`, `message`, `data`) VALUES
(22010, 0, 18, 1, 2408, 'sys_file_reference', 0, 0, 'New version created of table ''%s''. uid ''%s''. UID of n
ew version is ''%s''', 1516182473, 1, 10, '195.145.62.234', 'a:3:{i:0;s:18:"sys_file_reference";i:1;i:934;i:2;
i:2408;}', 331, 1, 'NEW5a5f1bc9bc091634568134', '', 0, '', 0, NULL, NULL),
(22014, 0, 18, 2, 2408, 'sys_file_reference', 0, 0, 'Record ''%s'' (%s) was updated. (Offline version).', 1516
182473, 1, 10, '195.145.62.234', 'a:2:{i:0;s:17:"hope_seitlich.jpg";i:1;s:23:"sys_file_reference:2408";}', 331
, 1, '', '', 0, '', 0, NULL, NULL),
(22016, 0, 18, 2, 2408, 'sys_file_reference', 0, 0, 'Record ''%s'' (%s) was updated. (Offline version).', 1516
182583, 1, 10, '195.145.62.234', 'a:2:{i:0;s:17:"hope_seitlich.jpg";i:1;s:23:"sys_file_reference:2408";}', 331
, 1, '', '', 0, '', 0, NULL, NULL),
(22018, 0, 18, 2, 2408, 'sys_file_reference', 0, 0, 'Record ''%s'' (%s) was updated. (Offline version).', 1516
182646, 1, 10, '195.145.62.234', 'a:2:{i:0;s:17:"hope_seitlich.jpg";i:1;s:23:"sys_file_reference:2408";}', 331
, 1, '', '', 0, '', 0, NULL, NULL),
(22071, 0, 18, 0, 2408, 'sys_file_reference', 0, 0, 'Stage for record was changed to -10. Comment was: "Hopi"'
, 1516189151, 1, -1, '195.145.62.234', 'a:0:{}', 331, 1, '', '', 0, '', 0, NULL, NULL),
(22072, 0, 18, 6, 2408, 'sys_file_reference', 0, 0, 'Stage raised...', 1516189151, 1, 30, '195.145.62.234', 'a
:2:{s:7:"comment";s:4:"Hopi";s:5:"stage";i:-10;}', -1, 1, '', '', 0, '', 0, NULL, NULL),
(22088, 0, 15, 3, 2408, 'sys_file_reference', 0, 0, 'Record ''%s'' (%s) was deleted unrecoverable from page ''
%s'' (%s)', 1516192603, 1, 0, '195.145.62.234', 'a:4:{i:0;s:12:"[Kein Titel]";i:1;s:23:"sys_file_reference:240
8";i:2;s:12:"[root-level]";i:3;N;}', 0, 1, '', '', 0, '', 0, NULL, NULL),
```

#54 - 2018-02-15 16:40 - Kurt Gusbeth

- File fehler_entwurfsumgebung.png added

Note: we have sometimes the same problem with tt_content, but we have no templavoila in use.

#55 - 2018-02-16 11:39 - marco de felice

the issue persist, but maybe exists only for LIVE work space, in other workspace the issue appear to fixed
typo3 7.6.24

#56 - 2018-03-15 16:43 - Mathias Brodala

- Sprint Focus deleted (On Location Sprint)

#57 - 2018-10-26 14:45 - 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/47477

#58 - 2018-12-14 11:00 - Gerrit Code Review

Patch set 6 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/47477

#59 - 2019-07-18 15:34 - Hannes Bochmann

Is this problem fixed with this patch? The patch seems not to do much except updating the ref index now only if a dataset is swapped into a
workspace. So updating takes less place or am I getting something wrong?

#60 - 2019-09-26 13:26 - Gerrit Code Review

Patch set 7 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/c/Packages/TYPO3.CMS/+/47477

#61 - 2019-09-26 13:27 - Gerrit Code Review

Patch set 8 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/c/Packages/TYPO3.CMS/+/47477

#62 - 2019-09-26 13:42 - Gerrit Code Review

Patch set 9 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/c/Packages/TYPO3.CMS/+/47477

#63 - 2019-09-27 17:22 - Gerrit Code Review

Patch set 10 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/c/Packages/TYPO3.CMS/+/47477

#64 - 2020-02-01 22:55 - Riccardo De Contardi

I repeated the test proposed at comment 39 (https://forge.typo3.org/issues/67676#note-39) on 9.5.13

    Switch to Draft workspace
    Upload Image1.jpg and Image2.jpg in file list
    Create new page
    Create new image element on page, select Image1.jpg, save
    Edit image element, delete Image1.jpg reference, add Image2.jpg reference, save
    Switch to file list, delete Image1.jpg (no error because it isn't referenced anymore)
    Switch to Workspace module: "sys_file_reference:XXX" does not exist"

with these results:

1) No error visible on workspace module
2) there is an error in the administration log:

```
Core: Exception handler (WEB): Uncaught TYPO3 Exception: #1393960943: Element "sys_file_reference:53" does not
 exist | RuntimeException thrown in file /TYPO3-dists/typo3_src-9.5.13/typo3/sysext/workspaces/Classes/Depende
ncy/ElementEntityProcessor.php in line 187. Requested URL: https://typo3.9.test.it:8890/typo3/index.php?route=
%%2Fajax%%2Fworkspace%%2Fdispatch&token=--AnonymizedToken--
```

3) The workspace module *does not list the page nor the content element* (I expected to see them) so it seems somehow broken. If I remove the "image2.jpg" reference,too then both the page and the content element are now listed in the workspace module.

#65 - 2020-04-30 09:15 - Gerrit Code Review

Patch set 11 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/c/Packages/TYPO3.CMS/+/47477

#66 - 2020-04-30 09:15 - Gerrit Code Review

Patch set 12 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/c/Packages/TYPO3.CMS/+/47477

#67 - 2020-05-08 22:35 - Riccardo De Contardi

- Related to Bug #85780: Published change is not visible anymore in BE workspace view but in workspace preview added

#68 - 2020-05-08 22:35 - Riccardo De Contardi

- Related to Bug #91025: List of changes in workspace view stays empty in BE added

#69 - 2020-05-25 20:49 - Gerrit Code Review

Patch set 13 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/c/Packages/TYPO3.CMS/+/47477

#70 - 2020-08-04 14:08 - Gerrit Code Review

Patch set 14 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/c/Packages/TYPO3.CMS/+/47477

#71 - 2020-09-22 22:35 - Christian Kuhn

Re-test the scenario from https://forge.typo3.org/issues/67676#note-64

-> Still broken: the workspace module ajax call that fetches content breaks with #1393960943 RuntimeException "Element "sys_file_reference:1869" does not exist" and it is logged as ERROR in log module.

#72 - 2020-09-22 22:53 - Christian Kuhn

Simplified scenario:

Have a clean refindex.

- Go to workspace
- Upload a fresh image in filelist module
- Add a page
- Add a content element, add the image to the CE, save
- Delete the image in CE again, save
- Go to filelist, delete the image

> ~~workspace modul ajax call throws exeption~~
> calling "bin/typo3 referenceindex:update" fixes the situation

#73 - 2020-09-22 23:12 - Christian Kuhn

Technical background:

When the image is added to the content element:

- 2 rows in sys_file_reference are created (state ~~1 & 1) for the tt_content~~>sys_file relation (correct)
- An entry in sys_refindex is created from tt_content element to sys_file_reference

When the image is deleted in the content element:

- The two rows in sys_file_reference are set to deleted=1 (correct)
- The sys_refindex row is NOT set to deleted=1 (not correct)

-> there is a dangling sys_refindex entry now.

When the image is then deleted:

- sys_file has no soft delete behavior, so the sys_file row is removed from DB
- The two rows in sys_file_reference are removed from db
- The sys_refindex row is NOT touched

-> The sys_refindex row now points to no longer existing record. This triggers the exception.

---> There is a missing updateRefIndex() call somewhere in the DataHandler delete operation.

#74 - 2020-09-23 16:07 - Gerrit Code Review

Patch set 7 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/c/Packages/TYPO3.CMS/+/65809

#75 - 2020-09-23 17:37 - Gerrit Code Review

Patch set 1 for branch **10.4** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/c/Packages/TYPO3.CMS/+/65827

#76 - 2020-09-23 18:00 - Christian Kuhn

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset 01ed8eb792876f9915b6183482ef101080ad31d5.

#77 - 2020-09-29 15:07 - Benni Mack

- Status changed from Resolved to Closed

#78 - 2020-10-15 12:06 - Christian Kuhn

- Related to Bug #89359: sys_file_reference does not exists in workspace added

#79 - 2020-12-02 14:14 - Paul Beck

- % Done changed from 100 to 90

- TYPO3 Version changed from 7 to 9

How about an backport of this fix for 9 LTS?

Files

ss_reference.PNG	66.3 KB	2015-06-22	Rene Sonntag
ss_typo_workspace.PNG	54 KB	2015-09-07	Rene Sonntag
fehler_entwurfsumgebung.png	7.72 KB	2018-02-15	Kurt Gusbeth