

TYPO3 Core - Bug #73076

Publishing of changed sys_file_metadata fails because of missing config array for width and height fields

2016-02-02 09:00 - Andreas Krämer

Status:	Closed	Start date:	2016-02-02
Priority:	Should have	Due date:	
Assignee:		% Done:	100%
Category:	Workspaces	Estimated time:	0.00 hour
Target version:	Candidate for patchlevel	Complexity:	
TYPO3 Version:	7	Is Regression:	No
PHP Version:	5.6	Sprint Focus:	
Tags:			

Description

Hello, I get the following error trying to publish changed metadata from any file:

PHP Catchable Fatal Error: Argument 3 passed to TYPO3\CMS\Version\Hook\DataHandlerHook::version_swap_processFields() must be of the type array, null given, called in /typo3/sysext/version/Classes/Hook/DataHandlerHook.php on line 905 and defined in /typo3/sysext/version/Classes/Hook/DataHandlerHook.php line 1048

I looked up the code and for all TCA-fields a config array is expected:

<https://github.com/TYPO3/TYPO3.CMS/blob/master/typo3/sysext/version/Classes/Hook/DataHandlerHook.php#L907>

But there is no config for width and height in sys_file_metadata (without installing the filemetadata plugin):

https://github.com/TYPO3/TYPO3.CMS/blob/master/typo3/sysext/core/Configuration/TCA/sys_file_metadata.php#L126

I think the issue at least exists since version 6.2

Steps to reproduce:

- Change metadata of arbitrary file with a simple editor on draft workspace, e.g. the title
- Go to the workspace module and send the changes to the next stage "ready to publish"
- With an admin, go to the workspace module and try to publish these changes

Related issues:

Related to TYPO3 Core - Bug #83152: TCA migration should check that all TCA c...	Closed	2017-11-29
Related to TYPO3 Core - Bug #83140: Images not shown when metadata is translated	Closed	2017-11-28
Related to TYPO3 Core - Bug #83247: Translating sys_file_metadata results in ...	Rejected	2017-12-07
Has duplicate TYPO3 Core - Bug #77619: Catchable Fatal Error during publishin...	Closed	2016-08-24

Associated revisions

Revision 46dbd8b7 - 2017-11-29 14:41 - Benni Mack

[BUGFIX] Ensure all sys_file_metadata TCA columns have a config section

The main issue is that the core ships a TCA column without a config section.

If EXT:filemetadata is available, this is overridden, so no issue here.

Further steps are (not scope of this patch) would be a TCA migration checker to ensure that all TCA columns have a config section.

Resolves: #73076

Related: #77619

Related: #83152

Releases: master, 8.7

Change-Id: I3454780f1122ee5f4ef2bd65b19a9699daa73f33

Reviewed-on: <https://review.typo3.org/54848>

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

Reviewed-by: Oliver Hader <oliver.hader@typo3.org>

Tested-by: Oliver Hader <oliver.hader@typo3.org>

Revision 61c77568 - 2017-11-29 14:58 - Benni Mack

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Change-Id: I3454780f1122ee5f4ef2bd65b19a9699daa73f33

Reviewed-on: <https://review.typo3.org/54863>

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

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

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

Reviewed-by: Oliver Hader <oliver.hader@typo3.org>

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History

#1 - 2016-02-02 12:26 - Herbert Sojnik

As far as I can see, the problem was introduced between 6.2.15 and 6.2.17. In our installation the problem did not occur with 6.2.14

#2 - 2016-02-08 14:19 - Thomas Balko

We are experiencing the exact same error with TYPO3 Version 6.2.17.

Operating system: Unix

PHP version: 5.5.32

#3 - 2016-03-31 16:05 - taywa gmbh

- Target version set to 7.6.5

Same here, TYPO3 7 LTS (7.6.4). PHP 5.5.9-1ubuntu4.14

router

```
PHP Catchable Fatal Error: Argument 3 passed to TYPO3\CMS\Version\Hook\DataHandlerHook::version_swap_processFields() must be of the type array, null given, called in /var/www/TYPO3_7_LTS.CMS.git/typo3/sysext/version/Classes/Hook/DataHandlerHook.php on line 907 and defined in /var/www/TYPO3_7_LTS.CMS.git/typo3/sysext/version/Classes/Hook/DataHandlerHook.php line 1050
```

I get this Error in log: [newlog()] A swapping lock file was present. Either another swap process is already running or a previous swap process failed. Ask your administrator to handle the situation.

Deleting the swap_locking folder in typo3temp is not resolving this

#4 - 2016-03-31 18:11 - taywa gmbh

After seeing this error:

```
caller => "TYPO3\CMS\Core\Database\DatabaseConnection::exec_SELECTquery" (60 chars)
ERROR => "Unknown column 'uid' in 'field list'" (36 chars)
lastBuiltQuery => "SELECT uid FROM tx_realurl_pathcache WHERE 1=1" (46 chars)
debug_backtrace => "call_user_func#27 // {closure}# // TYPO3\CMS\Backend\Console\Application->run#26 // TYPO3\CMS\Core\Bootstrap->handleRequest#73 // TYPO3\CMS\Backend\Console\CliRequestHandler->handleRequest#302 // call_user_func#69 // TYPO3\CMS\Core\Cache\Backend\SimpleFileBackend->{closure}# // TYPO3\CMS\Core\Database\ReferenceIndex->updateIndex#1088 // TYPO3\CMS\Core\Database\DatabaseConnection->exec_SELECTquery#1182 // TYPO3\CMS\Core\Database\DatabaseConnection->debug#314" (466 chars)
```

I deinstalled and reinstalled realurl and updated reindex, now it works.

I had this problem on a updated Page 4.5 -> 6.2 -> 7 LTS . OP, Can you try this too?

#5 - 2016-04-21 09:43 - Andreas Krämer

Thanks for your update and sorry it took me so long to respond!

I just tested it with a clean installation of TYPO3 7.6.5. I configured a draft workspace and did the mentioned "steps to reproduce". The error immediately occurred after trying to publish the changed title of my image. `realUrl` was not installed this time.

If I take a look into the code this can not work with the default TCA configuration of width and height in `sys_file_metadata`.

#6 - 2016-06-13 14:06 - Sascha Schieferdecker

I can confirm the issue exists in 7.6.9. Rebuild reference index doesn't help, only the installation of `filemetadata` solves the problem.

#7 - 2016-07-05 11:53 - Benni Mack

- Target version changed from 7.6.5 to Candidate for patchlevel

#8 - 2016-07-22 09:15 - Christian Weiske

Workaround for this bug is to enable `filemetadata` extension.

#9 - 2016-07-27 12:11 - Willi Martens

Same problem in 6.2.25 and 6.2.26.

PHP-Log (only with 6.2.25):

```
PHP Catchable fatal error: Argument 3 passed to TYPO3\CMS\Version\Hook\DataHandlerHook::version_swap_processFields() must be an array, null given, called in /var/lib/typo3/typo3_src-6.2.25/typo3/sysext/version/Classes/Hook/DataHandlerHook.php on line 864 and defined in /var/lib/typo3/typo3_src-6.2.25/typo3/sysext/version/Classes/Hook/DataHandlerHook.php on line 1030
```

BE-Protocol:

```
[newlog()] A swapping lock file was present. Either another swap process is already running or a previous swap process failed. Ask your administrator to handle the situation.
```

Enable `filemetadata` extension does not resolve the problem for me.

#10 - 2016-09-01 17:22 - Robert Vock

I've just found, that I've reported a duplicate of this bug ([#77619](#)). I have committed a patch for the other bug: <https://review.typo3.org/#/c/49614/>

#11 - 2017-07-07 07:57 - Michael Gaier

Why does it take so long to decide on the way to go.

Either 'config' is mandatory in the TCA column definition or it is optional.

- 1) Mandatory use [#81811](#)
- 2) Optional use suggestion [#77619](#)

#12 - 2017-11-29 10:22 - Gerrit Code Review

- Status changed from New 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/54848>

#13 - 2017-11-29 10:23 - Benni Mack

Hey Michael,

I was not aware of that issue until last night. I have pushed a patch adding the fields for v9, v8 and v7. Please review and test.

For v9, I will add a deprecation that it is not possible to add TCA columns without a config.

#14 - 2017-11-29 10:24 - Benni Mack

- Related to Bug [#83152](#): TCA migration should check that all TCA columns have a config section added

#15 - 2017-11-29 10:25 - 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/54848>

#16 - 2017-11-29 13:11 - 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/54848>

#17 - 2017-11-29 13:44 - 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/54848>

#18 - 2017-11-29 14:04 - 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/54848>

#19 - 2017-11-29 14:22 - 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/54848>

#20 - 2017-11-29 14:41 - 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/54863>

#21 - 2017-11-29 15:00 - Benni Mack

- *Status changed from Under Review to Resolved*
- *% Done changed from 0 to 100*

Applied in changeset [46dbd8b756124d8c171ef379047c476d55221483](https://review.typo3.org/54863).

#22 - 2017-11-29 20:59 - Patrick Broens

- *Related to Bug #83140: Images not shown when metadata is translated added*

#23 - 2017-12-07 13:01 - Frans Saris

- *Related to Bug #83247: Translating sys_file_metadata results in width 0 and height 0 added*

#24 - 2018-10-02 11:20 - Benni Mack

- *Status changed from Resolved to Closed*