

TYPO3 Core - Bug #55833

Creation of typo3temp/_processed_ / required write access to root folder

2014-02-10 12:15 - Alexander Stehlik

Status:	Closed	Start date:	2014-02-10
Priority:	Should have	Due date:	
Assignee:	Roman Schürmann	% Done:	100%
Category:	File Abstraction Layer (FAL)	Estimated time:	0.00 hour
Target version:	7.1 (Cleanup)	Complexity:	medium
TYPO3 Version:	6.2	Is Regression:	No
PHP Version:	5.4	Sprint Focus:	
Tags:			

Description

Steps to reproduce:

1. Use an image file in you template that comes from the fallback storage (which uses typo3temp/_processed_ / as processing folder)
2. make sure the imge gets resized (e.g. by setting the width property)
3. Prevent write access for the Webserver to the TYPO3 root folder, but allow write access to typo3temp/
4. Open the Frontend

You will get an Exception:

```
#1323059807: You are not allowed to create directories in the folder ""
```

The problem occurs during this call:

```
TYPO3\CMS\Core\Resource\ResourceStorage::createFolder("typo3temp/_processed_/")
```

Even if the typo3temp/ folder exists the ResourceStorage will check if the root directory is writable.

I would suggest to add a new createFolderRecursive method, which accepts an array of folder names that are created recursively. This would allow a permission check for every directory in the path, but only if the directory does not exist already.

Related issues:

Related to TYPO3 Core - Bug #56388: _preprocessed_ not using fileCreateMask

Closed

2014-02-27

Associated revisions

Revision af5baf55 - 2015-02-01 11:08 - Sebastian Fischer

[BUGFIX] Create typo3temp/_processed_ / by default

By this the needed folder for files from default storage is created.

Resolves: #55833

Releases: master, 6.2

Change-Id: I5f31203a58d2a093362305aebf1f264f175980c3

Reviewed-on: <http://review.typo3.org/36557>

Reviewed-by: Roman Schürmann <roman.schuermann@wmdb.de>

Reviewed-by: Mathias Schreiber <mathias.schreiber@wmdb.de>

Tested-by: Mathias Schreiber <mathias.schreiber@wmdb.de>

Reviewed-by: Ingo Schmitt <is@marketing-factory.de>

Tested-by: Ingo Schmitt <is@marketing-factory.de>

Reviewed-by: Michael Oehlhof <typo3@oehlhof.de>

Reviewed-by: Oliver Klee <typo3-coding@oliverklee.de>

Reviewed-by: Frans Saris <franssaris@gmail.com>

Tested-by: Frans Saris <franssaris@gmail.com>

Revision 59a44496 - 2015-02-01 15:45 - Sebastian Fischer

[BUGFIX] Create typo3temp/_processed_ / by default

By this the needed folder for files from default storage is created.

Resolves: #55833

Releases: master, 6.2

Change-Id: I5f31203a58d2a093362305aebf1f264f175980c3

Reviewed-on: <http://review.typo3.org/36560>

Reviewed-by: Frans Saris <franssaris@gmail.com>

Tested-by: Frans Saris <franssaris@gmail.com>

Reviewed-by: Ingo Schmitt <is@marketing-factory.de>

Tested-by: Ingo Schmitt <is@marketing-factory.de>

Reviewed-by: Wouter Wolters <typo3@wouterwolters.nl>

Tested-by: Wouter Wolters <typo3@wouterwolters.nl>

History

#1 - 2014-02-18 13:04 - Steffen Ritter

- Target version deleted (6.2.0)

#2 - 2014-02-25 16:11 - Christian Weiske

-This problem affects the [vidi extension](#) (and thus the [media mangement extension](#)) which is not able to create typo3temp/_processed_ anymore in 6.2. -

#3 - 2014-05-03 15:46 - Sebastian Fischer

Should the folder *processed* really get created in typo3temp? The folder already exists in fileadmin. Cant this folder be used?

#4 - 2014-05-20 15:49 - Guido Palacios

Hello,

i don't know if this is the right place for posting following hint...

But in my case (Upgrade from 4.6 to 4.7 and then 4.7 to 6.2) clicking the fileadmin shows this error... The same when i try to select an image (in the occurring popup) via normal Image CE.

After several "comment-out" tries (Patch 1-4) in /Core/Classes/Resource/ResourceStorage.php nothing helped. Later i figured out that the problem was wrongly merged Database/File Mounts. They wasn't configured "relative" and the target was "/" and not "fileadmin/".

After changing this, the *resource* error doesn't appear anymore. the strange thing is - it's a windows xampp dev env.

Could this be a solution or do i don't understand the Bug-Report again?!

Cheers and best regards

Guido

Alexander Stehlik wrote:

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I would suggest to add a new createFolderRecursive method, which accepts an array of folder names that are created recursively. This would allow a permission check for every directory in the path, but only if the directory does not exist already.

#5 - 2014-08-21 10:47 - Christian Weiske

This problem also happens with "Help > About modules" and "Help > About TYPO3 CMS".

#6 - 2014-08-21 16:31 - Bernhard Kraft

This issue boils down to one of the new concepts in 6.2:

- New TYPO3 version don't assume that "typo3temp" must exist. If it doesn't it will create it.
- Therefore newer TYPO3 versions must have write permissions to the webroot "/" where typo3temp resides in.

Of course it sounds logically that it should also work when typo3temp/ has been manually created. But it currently doesn't because of an issue in ResourceStorage.php

The solution would be to fix method "checkFolderActionPermission" in ResourceStorage.php

In fact this method seems to be incomplete for its purpose. Besides the \$action parameter it only gets one other parameter "\$folder". But for many operations like "copy" or "move" and also "add" two parameters should be required: The source and the target. In the case of "add" both parameters could get concatenated and then traversed backwards to find the first non-existing folder. Those parent folder would have to be writable.

#7 - 2014-08-21 16:45 - Bernhard Kraft

The method "createFolder" is thus used in a way that it must be able to handle recursive creation of folders. If typo3temp doesn't exist, createFolders would be responsible for recursively creating it.

For this purpose it would be necessary to operate on the parts of a folder path. So I assume there is a method "splitPath" missing for the drivers.

Files in a filesystem tend to be organized in folders and files. A file can get specified by a path. So there needs to be a way to split up a path into its particles: instances of "Folder" and "File" in the case of FAL.

#8 - 2014-10-29 11:21 - Adrien Crivelli

Agree with Bernhard Kraft. It should find the first existing parent and check their rights instead of the root folder.

In my case we have a custom script deleting all files in typo3temp/, but not the folder itself. After this operation TYPO3 fails to re-create typo3temp/_processed_/ because it does not have rights on typo3temp parent, which actually has nothing to do with the creation of typo3temp subfolders.

#9 - 2015-01-07 14:34 - Mathias Schreiber

- Target version set to 7.1 (Cleanup)
- Sprint Focus set to On Location Sprint

#10 - 2015-01-31 15:33 - Ingo Schmitt

- Status changed from New to In Progress
- Assignee set to Roman Schürmann

#11 - 2015-02-01 10:34 - Gerrit Code Review

- Status changed from In Progress 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 <http://review.typo3.org/36557>

#12 - 2015-02-01 11:09 - Gerrit Code Review

Patch set 1 for branch **TYPO3_6-2** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/36560>

#13 - 2015-02-01 11:30 - Sebastian Fischer

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

Applied in changeset [af5baf5591d4f4fddeeba98c012db9a0c11c5605](https://review.typo3.org/36560).

#14 - 2015-02-01 11:50 - Gerrit Code Review

- Status changed from Resolved to Under Review

Patch set 2 for branch **TYPO3_6-2** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/36560>

#15 - 2015-02-01 16:00 - Sebastian Fischer

- Status changed from Under Review to Resolved

Applied in changeset [59a444969f2c05e0c56950571e417451e0512574](#).

#16 - 2016-01-08 11:16 - Anja Leichsenring

- Sprint Focus deleted (On Location Sprint)

#17 - 2017-10-19 21:02 - Riccardo De Contardi

- Status changed from Resolved to Closed