

Core - Feature # 45498

Status:	Resolved	Priority:	Should have
Author:	Stefan Neufeind	Category:	File Abstraction Layer (FAL)
Created:	2013-02-15	Assigned To:	Stefan Neufeind
Updated:	2013-09-22	Due date:	
PHP Version:			
Complexity:			
Sprint Focus:			
Subject:	Find best-matching local storage instead of default-storage		
Description			
If a "legacy" file/folder is to be accessed (no storage-uid given) usually the default-storage will be used. But for example the Filelist-module will default to using the auto-created fileadmin-storage (Local-driver). All files added/changed will be indexed in sys_file for that respective storage and not the default-storage (ID 0). So we save us a lot of trouble to also try to use a best-matching storage (fileadmin or maybe also for other paths) instead of using the default-storage (legacy-storage).			
Related issues:			
blocks Core - Bug # 52173: Wrong storage is selected if file is outside of av...		Resolved	2013-09-22

Associated revisions

Revision c111ddec - 2013-08-05 18:03 - Stefan Neufeind

[FEATURE] Find best-matching local storage instead of default-storage

If no storage-UID is given usually the default-storage will be used ("legacy-storage"). Some problems with not up-to-date index-records etc. can be prevented by using a matching storage instead of falling back to the default-storage (ID 0).

Implement search for best matching storage.

Resolves: #45498

Releases: 6.2

Change-Id: Ife00d68314fe43804227bb26280d0d475cbaf10b

Reviewed-on: <https://review.typo3.org/18290>

Reviewed-by: Andreas Wolf

Tested-by: Andreas Wolf

Revision 248d9cfd - 2013-09-08 20:34 - Stefan Neufeind

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Change-Id: Ife00d68314fe43804227bb26280d0d475cbaf10b

Reviewed-on: <https://review.typo3.org/23557>

Reviewed-by: Steffen Ritter

Tested-by: Steffen Ritter

Revision 046967d9 - 2013-09-08 20:35 - Stefan Neufeind

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Change-Id: Ife00d68314fe43804227bb26280d0d475cbaf10b

Reviewed-on: <https://review.typo3.org/23560>

Reviewed-by: Steffen Ritter

Tested-by: Steffen Ritter

History

#1 - 2013-02-15 03:25 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/18290>

#2 - 2013-03-30 14:10 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/18290>

#3 - 2013-03-30 15:52 - Gerrit Code Review

Patch set 3 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/18290>

#4 - 2013-03-30 15:55 - Gerrit Code Review

Patch set 4 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/18290>

#5 - 2013-07-06 16:10 - Gerrit Code Review

Patch set 5 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/18290>

#6 - 2013-07-06 16:37 - Gerrit Code Review

Patch set 6 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/18290>

#7 - 2013-07-06 16:55 - Gerrit Code Review

Patch set 7 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/18290>

#8 - 2013-08-05 17:55 - Gerrit Code Review

Patch set 8 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/18290>

#9 - 2013-08-05 18:02 - Gerrit Code Review

Patch set 9 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/18290>

#10 - 2013-08-05 18:30 - Stefan Neufeind

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:c111ddecca0f903a98a57b3d3bd1bbca2c999826.

#11 - 2013-08-24 23:44 - Gerrit Code Review

- Status changed from Resolved to Under Review

Patch set 1 for branch **TYPO3_6-1** has been pushed to the review server.

It is available at <https://review.typo3.org/23291>

#12 - 2013-08-25 00:23 - Gerrit Code Review

Patch set 1 for branch **TYPO3_6-0** has been pushed to the review server.

It is available at <https://review.typo3.org/23292>

#13 - 2013-09-03 16:07 - Gerrit Code Review

Patch set 1 for branch **TYPO3_6-0** has been pushed to the review server.

It is available at <https://review.typo3.org/23557>

#14 - 2013-09-03 16:37 - Gerrit Code Review

Patch set 1 for branch **TYPO3_6-1** has been pushed to the review server.

It is available at <https://review.typo3.org/23560>

#15 - 2013-09-04 00:51 - Gerrit Code Review

Patch set 2 for branch **TYPO3_6-0** has been pushed to the review server.

It is available at <https://review.typo3.org/23557>

#16 - 2013-09-04 00:54 - Gerrit Code Review

Patch set 2 for branch **TYPO3_6-1** has been pushed to the review server.

It is available at <https://review.typo3.org/23560>

#17 - 2013-09-07 08:44 - Gerrit Code Review

Patch set 3 for branch **TYPO3_6-1** has been pushed to the review server.

It is available at <https://review.typo3.org/23560>

#18 - 2013-09-07 08:52 - Gerrit Code Review

Patch set 3 for branch **TYPO3_6-0** has been pushed to the review server.

It is available at <https://review.typo3.org/23557>

#19 - 2013-09-08 21:30 - Stefan Neufeind

- *Status changed from Under Review to Resolved*

Applied in changeset commit:046967d98785ce5a363158661f061b9ae505d248.

#20 - 2013-09-20 16:04 - aimcom no-lastname-given

In one of my TYPO3 projects, I ran into a major issue which is related to this new method `findBestMatchingStorageByLocalPath(&$localPath)`. The image rendering doesn't work any more if an image is not located in one of the configured file storages.

Example

I have configured two different file storages: `fileadmin/user_upload/` and `uploads/`. After that, I created an empty page with a TypoScript template which contains:

```
page.10 = IMAGE
page.10.file = fileadmin/images/dummy.png
```

In TYPO3 6.1.4, the method `getFileObjectFromCombinedIdentifier($identifier)` returned the correct file object, but in TYPO3 6.1.5, this doesn't work any more because the method `findBestMatchingStorageByLocalPath(&$localPath)` returns the file storage for `fileadmin/user_upload/`, but the image is located in `fileadmin/images/`.

Question / Conclusion

What I don't know now is if this is a bug or not. Is it true that you can only use files with the cObject IMAGE if they are located in a local storage since TYPO3 6.1.5 or is there something wrong with the functionality of `findBestMatchingStorageByLocalPath(&$localPath)`? I think that the call of `PathUtility::getCommonPrefix(array($basePath, $localPath));` in `findBestMatchingStorageByLocalPath(&$localPath)` might be the source of my problem.

Any help is appreciated, thank you.

#21 - 2013-09-22 13:44 - Markus Klein

The `findBestMatchingStorageByLocalPath()` method simply does not check whether the file requested actually exists in the selected storage!

#22 - 2013-09-22 13:54 - Markus Klein

Moved to a separate issue: <http://forge.typo3.org/issues/52173>