Media Management - Support # 51988

Status:	Closed		**Priority:**	Should have
Author:	Oliver Salzburg		**Category:**	
Created:	2013-09-13		**Assigned To:**	Fabien Udriot
Updated:	2014-05-17		**Due date:**	
Subject:	How should I handle deleted files?			

Description

Several obsolete files were deleted from the fileadmin folder. Yet, they still appear in the Media module.

When I run the database check, it tells me:

> *Consider fixing the problem for uid(s): 228, 62, 229, 218, 220, 219, 224, 284, 248, 105, 106, 36, 75, 37, 38, 39, 40, 1, 82, 6, 7, 9, 10, 11, 12, 13, 16, 17, 42, 83.*

So, how am I supposed to fix this problem? Running the FAL reindexing job has no effect on this issue.

Related issues:

related to Core - Task # 50876: Handling of deleted files in FAL	**New**	**2013-08-06**

History

#1 - 2013-09-13 18:21 - Frans Saris

This is a core issue that still is pending https://review.typo3.org/#/c/23671/

#2 - 2013-09-17 18:57 - Fabien Udriot

@Frans are you still waiting for review regarding https://review.typo3.org/#/c/23671? Not strictly the same but wasn't a similar patch related to the recycler reverted at one point? For what reasons actually?

#3 - 2013-09-18 12:00 - Frans Saris

@Fabien, Yes still waiting for some reviews (mainly testing the patch). If you would fine some time that would be great!

During the FAL codesprint in Mainz we discussed the whole concept of deleting files and whether or not to use the deleted flag. The result of the discussion was #50876.

So in this concept the deleted flag is gone (#51562 already merged in all 6.* branches).
The patch that was reverted was based on the fact that the deleted flag was present. It needed to be reverted because setting the deleted flag caused a lot of problems in very different parts of the core.

For keeping the sys_file table in sync with the file system there are also some patches merged.
In current master there is now a new flag to mark a file as missing #50827 and a report for this is added #51097. This looks a lot like the functionality of the media indexer job #41555. Main difference is that this is handled by the fileindexed schedular task, there is a new report in the core reports module and a warning is shown on all placed in BE where such a file is used/referenced.

What still is missing is a way to clean up a database that's out of sync with the file system (remove all records marked as missing, all processed files and references). For this there will be a new db check submodule created.

#4 - 2013-09-19 11:58 - Fabien Udriot

Hi Frans

Thanks for your explanation. I have just reviewed https://review.typo3.org/#/c/23671.

> *So in this concept the deleted flag is gone (#51562 already merged in all 6.* branches).*

Ok, I see. I found the deleted flag being a nice security net for clumsy Users but if an editor can only delete files that have **no** references, this can also be ok...

It means the "recycler" concept is also dropped consequently, I assume.

> *All related sys_file_reference recored get deleted (not flagged deleted but realy deleted)*

How do you handle files referenced in the RTE? Did you mention that at some point? At the moment FAL is not aware whether a file is referenced at the RTE level.

> *Main difference is that this is handled by the fileindexed schedular task, there is a new report in the core reports module and a warning is shown on all placed in BE where such a file is used/referenced.*

Good.

Just for your information - you didn't seem to know that - whenever you make a CLI command with Extbase (which was the case for #41555), the command is automatically available as task in the scheduler which is a neat feature.

> *What still is missing is a way to clean up a database that's out of sync with the file system (remove all records marked as missing, all processed files and references). For this there will be a new db check submodule created.*

I see. Have you started something already? Something for the next Active Contributor sprint maybe. I will try to come also.

#5 - 2013-09-23 10:19 - Frans Saris

Fabien Udriot wrote:

> *Hi Frans*
>
> *Thanks for your explanation. I have just reviewed https://review.typo3.org/#/c/23671.*
>
> > *So in this concept the deleted flag is gone (#51562 already merged in all 6.* branches).*
>
> *Ok, I see. I found the deleted flag being a nice security net for clumsy Users but if an editor can only delete files that have **no** references, this can also be ok...*
>
> *It means the "recycler" concept is also dropped consequently, I assume.*

No the "recycler" is on the feature list for now. In the new concept it still makes sense to have the recycler. That can be a extra net for the clumsy Users :)

> *All related sys_file_reference recored get deleted (not flagged deleted but realy deleted)*
>
> *How do you handle files referenced in the RTE? Did you mention that at some point? At the moment FAL is not aware whether a file is referenced at the RTE level.*

I know Helmut looked in to that. Do not know current status.

> *Just for your information - you didn't seem to know that - whenever you make a CLI command with Extbase (which was the case for #41555), the command is automatically available as task in the scheduler which is a neat feature.*

Ok, good to know. What is the benefit to still create a CLI command?

> *What still is missing is a way to clean up a database that's out of sync with the file system (remove all records marked as missing, all processed files and references). For this there will be a new db check submodule created.*
>
> *I see. Have you started something already? Something for the next Active Contributor sprint maybe. I will try to come also.*

No not yet. That's excatly what I hoop to tackle on the sprint in a few weeks. Hope to see you there.

#6 - 2013-09-23 11:49 - Fabien Udriot

> *Just for your information - you didn't seem to know that - whenever you make a CLI command with Extbase (which was the case for #41555), the command is automatically available as task in the scheduler which is a neat feature.*
>
> *Ok, good to know. What is the benefit to still create a CLI command?*

It's need to be double checked, but I don't know if you can add extra configuration of a regular CLI Command driven by Extbase. In our case, that make sense if we have a report sent by email to a configurable admin user.

#7 - 2014-05-16 12:15 - Lorenz Ulrich

- Status changed from New to Needs Feedback
- Assigned To set to Fabien Udriot

Is there anything more to do here ATM? The "check index" command can delete missing entries now.

#8 - 2014-05-17 10:40 - Fabien Udriot

- Status changed from Needs Feedback to Closed