

## TYPO3 Core - Task #50876

### Handling of deleted files in FAL

2013-08-07 14:57 - Frans Saris

<b>Status:</b> Closed	<b>Start date:</b> 2013-08-06
<b>Priority:</b> Should have	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 100%
<b>Category:</b> File Abstraction Layer (FAL)	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	<b>Complexity:</b>
<b>TYPO3 Version:</b> 6.2	<b>Sprint Focus:</b>
<b>PHP Version:</b>	
<b>Tags:</b>	

#### Description

## Handling of deleted files in FAL

There are 2 ways files can get deleted:

1. Delete a file directly in OS filesystem
2. A file gets deleted in T3 Back-End

### 1. Delete a file directly in OS filesystem

When a file is deleted outside of TYPO3 the indexer will set a 'missing' flag so FAL nows the file isn't present anymore.

When the file is put back the indexer will reset the 'missing' flag so everything is back as it was.

Issue: [#50827](#) Introduce handling of missing files <http://forge.typo3.org/issues/50827>

### 2. A file gets deleted in T3 Back-End

- An editor can only delete files that have no references
- When an admin tries to delete a file that has references he will be asked if he wants to delete all the references

When a file gets deleted then:

- Physical file gets deleted
- All processed files get deleted (files + databaserecords)
- All related sys\_file\_reference records get deleted (not flagged deleted but really deleted)
- The sys\_file record is deleted (not flagged as deleted)

### Some background info

We want to keep the sys\_files as much as possible in sync with the filesystem/storage. But keep sys\_file\_references, where it makes sense, the possibility to revert to latest state.

So deleted file relations get first flagged as deleted so we can use history to revert this. But when file is really deleted this doesn't make sense anymore because the file isn't there anymore.

Only the admin gets the option to delete files with references because the file can be referenced in parts of the tree or in workspaces where the editor has no access.

### Consequences

The sys\_file.deleted can be dropped from database table and the property should be removed from TCA

#### Subtasks:

Task # 50827: Introduce handling of missing files	Closed
Bug # 51562: sys_file records marked as deleted crash file list (AKA: remove sys_file.d...	Closed
Bug # 51698: Delete sys_file entry when a file is deleted	Closed

#### Related issues:

Related to TYPO3 Core - Bug #50531: Deleted state is not persisted in file ob...	<b>Closed</b>	<b>2013-07-29</b>
Related to TYPO3 Core - Bug #48336: sys_file record doesn't get flagged as de...	<b>Rejected</b>	<b>2013-05-17</b>
Related to TYPO3 Core - Feature #48182: File-Indexer doesn't flag missing fil...	<b>Closed</b>	<b>2013-05-14</b>
Related to TYPO3 Core - Bug #48893: Deleting files with references?!	<b>Closed</b>	<b>2013-06-05</b>
Related to TYPO3 Core - Task #51838: Delete all processed files when a sys_fi...	<b>Closed</b>	<b>2013-09-08</b>
Related to TYPO3 Core - Feature #59312: No possibility to remove missing inde...	<b>Accepted</b>	<b>2014-06-03</b>

## History

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### #1 - 2013-09-03 22:23 - Ernesto Baschny

- Status changed from New to Accepted

- Estimated time set to 0.00 h

### #2 - 2013-11-16 08:50 - Steffen Ritter

- Status changed from Accepted to Needs Feedback

- Estimated time set to 0.00 h

Frans, what is missing here?

### #3 - 2013-11-16 10:17 - Frans Saris

This is not yet implemented

- When an admin tries to delete a file that has references he will be asked if he wants to delete all the references

And a cleanup function needs to be created to delete sys\_file records that are flagged as missing (and all references).

### #4 - 2014-01-23 08:20 - Alexander Opitz

- Status changed from Needs Feedback to New

- Estimated time set to 0.00 h

### #5 - 2014-04-02 20:36 - Alexander Opitz

- Estimated time deleted (0.00 h)

### #6 - 2015-11-12 14:11 - Alexander Opitz

- Status changed from New to Closed

- translation missing: en.field\_remaining\_hours deleted (0.0)

All subtasks are resolved, spoke with Frans and he gave ok to close this issue.