Core - Task # 50876

Status:	New	**Priority:**	Should have
Author:	Frans Saris	**Category:**	File Abstraction Layer (FAL)
Created:	2013-08-07	**Assigned To:**	
Updated:	2014-04-02	**Due date:**	

TYPO3 Version:	6.2
PHP Version:	
Complexity:	
Sprint Focus:	
Subject:	Handling of deleted files in FAL

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 outsite 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 a admin tries to deleted a file that has references he will be asked if he wants to delete al the references

When a file gets deleted then:
- Physical file gets deleted
- All processed files get deleted (files + databaserecords)
- All related sys_file_reference recored get deleted (not flagged deleted but realy deleted)
- The sys_file record is deleted (not flagged as deleted)

Some background info

We want to keep the sys_files as much as posible in sync with the filesystem/storage. But keep sys_file_references, where is makes sense, the posibility 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 realy 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 treeor 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	**Resolved**
Bug # 51562: sys_file records marked as deleted crash file list (AKA: remove sys_file.d...	**Resolved**
Bug # 51698: Delete sys_file entry when a file is deleted	**Resolved**

Related issues:		
related to Core - Feature # 48182: File-Indexer doesn't flag missing files as...	**Closed**	2013-05-14
related to Core - Bug # 48336: sys_file record doesn't get flagged as delete ...	**Rejected**	2013-05-17

related to Core - Bug # 50531: Deleted state is not persisted in file objects	**Closed**	**2013-07-29**
related to Core - Task # 51838: Delete all processed files when a sys_file ge...	**Closed**	**2013-09-08**
related to Core - Bug # 48893: Deleting files with references?!	**Resolved**	**2013-06-05**
related to Media Management - Support # 51988: How should I handle deleted fi...	**Closed**	**2013-09-13**
blocks Media Management - Bug # 52215: Delete and massDelete do not delete va...	**Closed**	**2013-09-24**

History

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

- Status changed from New to Accepted

- Estimated time set to 0.00

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

- Status changed from Accepted to Needs Feedback

- Estimated time set to 0.00

Frans, what is missing here?

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

This is not yet implemented

- When a admin tries to deleted a file that has references he will be asked if he wants to delete al 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

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

- Estimated time deleted (0.00)