Core - Bug # 43059

Status:	Resolved	**Priority:**	Must have
Author:	Andreas Wolf	**Category:**	File Abstraction Layer (FAL)
Created:	2012-11-17	**Assigned To:**	Andreas Wolf
Updated:	2012-11-20	**Due date:**	

TYPO3 Version:	6.0
PHP Version:	
Complexity:	hard
Is Regression:	
Sprint Focus:	
Subject:	File processing is broken

Description

The file processing in FAL is currently deeply broken; a patch exists, this is just an umbrella task to group the tasks that report errors in the processing.

Related issues:

related to Core - Bug # 42859: missing extension icons for lots of core exten...	**Resolved**	**2012-11-12**
blocks Core - Bug # 40669: FAL files get reindexed in storage null when used ...	**Resolved**	**2012-09-06**
blocks Core - Bug # 40033: Relation lost after renaming folder	**Resolved**	**2012-08-21**
blocks Core - Bug # 39904: Unresized image not displayed in FE after move in ...	**Resolved**	**2012-08-17**

Associated revisions

Revision 66c204f0 - 2012-11-20 23:08 - Andreas Wolf

[TASK] Refactor FAL file processing

File processing is a central part of TYPO3's file usage, as e.g. all images in content elements have to be resized when they don't fit the requirements. However, the current implementation of file processing with FAL has several drawbacks and shortcomings, not to mention quite a few bugs.

This patch brings a completely reworked infrastructure behind the File Processing Service, while keeping the external API unchanged.

The processing to be done is described in tasks, which are part of a ProcessedFile's properties. The processing itself is now moved to processors, which could execute the tasks using different utilities, e.g. ImageMagick or some cloud image processing service. Currently, there is only a local image processor implementation, which relies on ImageMagick/GraphicsMagick (i.e. uses the same configuration as the old processing).

The processed file class now also supports safe handling of unchanged files, i.e. files that should have been processed, but didn't need processing.

Fixes: #43059
Fixes: #39904
Fixes: #40033

Fixes: #40669

Releases: 6.0

Change-Id: I186a46f9923dacd98be655d72be2bd89b43866c2

Reviewed-on: http://review.typo3.org/14310

Reviewed-by: Helmut Hummel

Tested-by: Helmut Hummel

History

#1 - 2012-11-17 17:57 - Gerrit Code Review

- Status changed from Accepted to Under Review

Patch set 14 for branch **master** has been pushed to the review server.

It is available at http://review.typo3.org/14310

#2 - 2012-11-20 10:01 - Gerrit Code Review

Patch set 15 for branch **master** has been pushed to the review server.

It is available at http://review.typo3.org/14310

#3 - 2012-11-20 19:55 - Gerrit Code Review

Patch set 16 for branch **master** has been pushed to the review server.

It is available at http://review.typo3.org/14310

#4 - 2012-11-20 20:42 - Gerrit Code Review

Patch set 17 for branch **master** has been pushed to the review server.

It is available at http://review.typo3.org/14310

#5 - 2012-11-20 20:44 - Gerrit Code Review

Patch set 18 for branch **master** has been pushed to the review server.

It is available at http://review.typo3.org/14310

#6 - 2012-11-20 21:30 - Gerrit Code Review

Patch set 19 for branch **master** has been pushed to the review server.

It is available at http://review.typo3.org/14310

#7 - 2012-11-20 22:40 - Gerrit Code Review

Patch set 20 for branch **master** has been pushed to the review server.

It is available at http://review.typo3.org/14310

#8 - 2012-11-20 23:02 - Gerrit Code Review

Patch set 21 for branch **master** has been pushed to the review server.

It is available at http://review.typo3.org/14310

#9 - 2012-11-20 23:30 - Anonymous

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:66c204f0bf3e83d302e6a5f9e367ebda267a015e.