Core - Bug # 63728

Bug # 63692 (Accepted): Memory consumption while bulk inserting

Status:	Resolved	**Priority:**	Should have
Author:	Stephan Großberndt	**Category:**	Performance
Created:	2014-12-10	**Assigned To:**	
Updated:	2015-03-05	**Due date:**	

TYPO3 Version:	6.2
PHP Version:	
Complexity:	
Is Regression:	No
Sprint Focus:	
Subject:	Unnecessary calls to BackendUtility->getTCAtypeValue in DataHandler->fillInFieldArray

Description

DataHandler->fillInFieldArray fetches $theTypeString = BackendUtility::getTCAtypeValue for each record but uses this value only if

- is_array($types_fieldConfig)
- !$this->dontProcessTransformations
- isset($fieldArray[$vconf['field']])
- (string) $incomingFieldArray[('_TRANSFORM_' . $vconf['field'])] == 'RTE'


```
   // Checking for RTE-transformations of fields:
   $types_fieldConfig = BackendUtility::getTCAtypes($table, $currentRecord);
   $theTypeString = BackendUtility::getTCAtypeValue($table, $currentRecord);
   if (is_array($types_fieldConfig)) {
      foreach ($types_fieldConfig as $vconf) {
         // Write file configuration:
         // inserted array_merge($currentRecord,$fieldArray) 170502
         $eFile = \TYPO3\CMS\Core\Html\RteHtmlParser::evalWriteFile($vconf['spec']['static_write'],
array_merge($currentRecord, $fieldArray));
         // RTE transformations:
         if (!$this->dontProcessTransformations) {
            if (isset($fieldArray[$vconf['field']])) {
               // Look for transformation flag:
               switch ((string) $incomingFieldArray[('_TRANSFORM_' . $vconf['field'])]) {
                  case 'RTE':
                     $RTEsetup = $this->BE_USER->getTSConfig('RTE', BackendUtility::getPagesTSconfig($tscPID));
                     $thisConfig = BackendUtility::RTEsetup($RTEsetup['properties'], $table, $vconf['field'], $theTypeString);
```

Instead of calling this function unconditionally it should only be called if a first RTE with transformations is detected and be cached then.

Associated revisions

Revision f6c06bc3 - 2015-03-03 16:26 - Stephan Großberndt

[BUGFIX] Avoid getTCAtypeValue-calls in DataHandler->fillInFieldArray

DataHandler->fillInFieldArray fetches BackendUtility::getTCAtypeValue
for each record but uses the value only if several RTE-transformation-
related conditions are met.

Fetch BackendUtility::getTCAtypeValue only if the RTE-transformation-
related conditions are met for the first time and keep it afterwards.

Resolves: #63728
Releases: master, 6.2
Change-Id: I14b307c45cab2d778968f3fd98c18348b666be3d
Reviewed-on: http://review.typo3.org/35227
Reviewed-by: Nicole Cordes <typo3@cordes.co>
Tested-by: Nicole Cordes <typo3@cordes.co>
Reviewed-by: Benjamin Mack <benni@typo3.org>
Tested-by: Benjamin Mack <benni@typo3.org>

Revision 9f462369 - 2015-03-05 22:24 - Stephan Großberndt

[BUGFIX] Avoid getTCAtypeValue-calls in DataHandler->fillInFieldArray

DataHandler->fillInFieldArray fetches BackendUtility::getTCAtypeValue
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Fetch BackendUtility::getTCAtypeValue only if the RTE-transformation-
related conditions are met for the first time and keep it afterwards.

Resolves: #63728
Releases: master, 6.2
Change-Id: I14b307c45cab2d778968f3fd98c18348b666be3d
Reviewed-on: http://review.typo3.org/37575
Reviewed-by: Wouter Wolters <typo3@wouterwolters.nl>
Reviewed-by: Anja Leichsenring <aleichsenring@ab-softlab.de>
Tested-by: Anja Leichsenring <aleichsenring@ab-softlab.de>

History

#1 - 2014-12-10 11:13 - Gerrit Code Review
- Status changed from New to Under Review

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/35227

#2 - 2014-12-10 17:48 - Wouter Wolters
- Parent task set to #63692

#3 - 2014-12-10 18:29 - Mathias Schreiber
- Parent task deleted (#63692)

#4 - 2014-12-10 18:29 - Mathias Schreiber
- Parent task set to #63692

#5 - 2014-12-16 20:26 - Gerrit Code Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at http://review.typo3.org/35227

#6 - 2015-03-03 16:30 - Stephan Großberndt

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:f6c06bc3dc6c61d3b2b5204ebb7a0ea40828008d.

#7 - 2015-03-05 22:20 - Gerrit Code Review

- Status changed from Resolved to Under Review

Patch set 1 for branch **TYPO3_6-2** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at http://review.typo3.org/37575

#8 - 2015-03-05 22:30 - Stephan Großberndt

- Status changed from Under Review to Resolved

Applied in changeset commit:9f462369487049371d480c6c744b3943ac2860da.