

TYPO3 Core - Bug #82528

SYS_LASTCHANGED value not being correctly set if RESTORE_REGISTER is used

2017-09-21 09:48 - Presedo Roberto

Status:	New	Start date:	2017-09-21
Priority:	Must have	Due date:	
Assignee:		% Done:	0%
Category:	Frontend	Estimated time:	0.00 hour
Target version:	Candidate for patchlevel	Complexity:	medium
TYPO3 Version:	10	Is Regression:	
PHP Version:	7.0	Sprint Focus:	
Tags:			
Description			
<p>Each time TYPO3 renders a content element, it stores its timestamp value in SYS_LASTCHANGED in the REGISTER, keeping it warm until the end of the page rendering process -> in \TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::lastChanged</p> <p>and then saving then value in the DB. -> in \TYPO3\CMS\Frontend\Controller\TypoScriptFrontendController::setSysLastChanged</p> <p>If you use RESTORE_REGISTER cObject in your TS, it will reset the Register, setting it back to the previous values -> in \TYPO3\CMS\Frontend\ContentObject\RestoreRegisterContentObject::render</p> <p>So if RESTORE_REGISTER is used in a TYPOSCRIPT, the registered SYS_LASTCHANGED value is reset before being stored in the DB, so SYS_LASTCHANGED updates are may never be saved in DB.</p> <p>SYS_LASTCHANGED temp value should not be set in Register in order to avoid it being reset.</p>			
Related issues:			
Related to TYPO3 Core - Bug #90827: If you edit the page content element, the...		Needs Feedback	2020-03-25

History

#1 - 2017-10-18 00:01 - Susanne Moog

- Category set to TypoScript

#2 - 2019-02-11 22:45 - Christian Forgács

This bug still exists in TYPO3 9

#3 - 2019-03-13 09:32 - Fabian Schöner

This bug also exists in TYPO3 7.6.34.

#4 - 2020-01-22 18:13 - Guillaume Germain

- Target version set to Candidate for patchlevel

This bug also exists in TYPO3 9.5.13.

There is a problem with the Introduction Package because the "bootstrap_package" extension uses "RESTORE_REGISTER" in lib.dynamicContent.

#5 - 2020-01-22 18:16 - Guillaume Germain

- Category changed from TypoScript to Frontend

It concerns the TypoScriptFrontendController class.

#6 - 2020-10-30 16:24 - Petra Neumann

The problem still exists in TYPO3 v10.

If any RESTORE_REGISTER is called, the temp value for SYS_LASTCHANGED is gone. Since ext:fluid_styled_content suggests using

RESTORE_REGISTER for inserting content in the page template based on FLUIDTEMPLATE (see lib.dynamicContent), a lot of site-package extensions make use of it (like the bootstrap package). So in many TYPO3 installations SYS_LASTCHANGED is only updated for changes of the page properties but not the page content. This might be a problem, since the ContentObjectRenderer.php reads "The SYS_LASTCHANGED timestamp can be used by various caching/indexing applications to determine if the page has new content." - which will not work as intended then. Also, some sites use SYS_LASTCHANGED to show a "Last Updated on ...", even though it is not intended for that originally - this also fails with the value not being written correctly.

#7 - 2021-05-28 07:03 - Reindl Bernd

- File RestoreRegisterContentObject.php added

If 'SYS_LASTCHANGED' is stored outside the \$register variable, it's no longer available via 'data = register:SYS_LASTCHANGED' in TypoScript.

Quick solution:

```
@
public function render($conf = []) {
    $SYS_LASTCHANGED = isset($GLOBALS['TSFE']->register['SYS_LASTCHANGED']) ? $GLOBALS['TSFE']->register['SYS_LASTCHANGED'] :
    false;
    $GLOBALS['TSFE']->register = array_pop($GLOBALS['TSFE']->registerStack);
    if($SYS_LASTCHANGED !== false)
    $GLOBALS['TSFE']->register['SYS_LASTCHANGED'] = $SYS_LASTCHANGED;
    return "";
}
@
```

So 'SYS_LASTCHANGED' is still available in register but is not restored when RESTORE_REGISTER is called.

#8 - 2021-05-31 11:54 - Daniel Lorenz

- TYPO3 Version changed from 8 to 10

We have been able to successfully test this change in a current TYPO3 v10.4.

#9 - 2021-08-02 10:32 - Simon Gilli

- Related to Bug #90827: If you edit the page content element, the "Last Mod." does not change. added

#10 - 2021-09-02 10:39 - Ulrich Mathes

Daniel Lorenz wrote in [#note-8](#):

We have been able to successfully test this change in a current TYPO3 v10.4.

We have the same problem. Especially with indexed_search which does not recognize changes to the page content.

Quickfix successfully tested under 10.4

Files

RestoreRegisterContentObject.php	1.34 KB	2021-05-28	Reindl Bernd
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