Core - Bug # 60998

Status:	Resolved	**Priority:**	Must have
Author:	Stefan Rotsch	**Category:**	Frontend
Created:	2014-08-15	**Assigned To:**	
Updated:	2015-03-19	**Due date:**	

TYPO3 Version:	6.2
PHP Version:	5.3
Complexity:	
Is Regression:	Yes
Sprint Focus:	
Subject:	PageRepository::shouldFieldBeOverlaid raises PHP warning

Description

With TYPO3 6.2.4, the sys_log shows a lot of PHP warnings:

    Core: Error handler (FE): PHP Warning: trim() expects parameter 1 to be string, array given in
    [...]/typo3/sysext/frontend/Classes/Page/PageRepository.php line 1416

When looking at the shouldFieldBeOverlaid method, the PHPDoc comment states the type of $value being "mixed":

    1396:   * @param mixed $value Current value of the field

$value is assigned to $checkValue later:

    1409: $checkValue = $value;

Then the critical trim() is executed without verifying the type of $checkValue:

    1416:   if (trim($checkValue) === '') {
    1417: $shouldFieldBeOverlaid = FALSE;
    1418:   }

At some point there should be a type check against $checkValue instead of assuming it to be a string.

Related issues:

related to Core - Bug # 47869: Failed localization of FILES content object re...	**Resolved**	**2013-05-03**
related to Core - Bug # 58352: Invalid localization overlay of cObject FILES	**Resolved**	**2014-04-30**
precedes Core - Bug # 65800: PageRepository::shouldFieldBeOverlaid raises PHP...	**Closed**	**2015-03-18**

Associated revisions

Revision c56c5c6d - 2014-11-24 08:07 - Markus Klein

[BUGFIX] Fix PHP warning in shouldFieldBeOverlaid()

PageRepository::shouldFieldBeOverlaid now properly checks for array-typed values when mergeIfNotBlank behaviour is requested.

Resolves: #60998
Releases: master, 6.2
Change-Id: I9b536d2261eea6325e0f74365a3a4c85e37b1241
Reviewed-on: http://review.typo3.org/34320
Reviewed-by: Mathias Schreiber <mathias.schreiber@wmdb.de>
Tested-by: Mathias Schreiber <mathias.schreiber@wmdb.de>
Reviewed-by: Andreas Fernandez <a.fernandez@scripting-base.de>
Reviewed-by: Stefan Neufeind <typo3.neufeind@speedpartner.de>
Reviewed-by: Xavier Perseguers <xavier@typo3.org>
Tested-by: Xavier Perseguers <xavier@typo3.org>

Revision 411fe210 - 2014-11-24 08:11 - Markus Klein

[BUGFIX] Fix PHP warning in shouldFieldBeOverlaid()

PageRepository::shouldFieldBeOverlaid now properly checks for array-typed values when mergeIfNotBlank behaviour is requested.

Resolves: #60998
Releases: master, 6.2
Change-Id: I9b536d2261eea6325e0f74365a3a4c85e37b1241
Reviewed-on: http://review.typo3.org/34523
Reviewed-by: Xavier Perseguers <xavier@typo3.org>
Tested-by: Xavier Perseguers <xavier@typo3.org>

Revision 3ce5c479 - 2015-03-19 09:04 - Markus Klein

[FOLLOWUP][BUGFIX] Fix PHP warning in shouldFieldBeOverlaid()

We have to check the type of the variable properly.
In case we have a non-empty array, we must not run trim() on it.

Releases: master, 6.2
Resolves: #60998
Change-Id: I3bef04a3e64d4c811c71a110fa0bfba4fc3fc361
Reviewed-on: http://review.typo3.org/37928
Reviewed-by: Florian Engelke <engelke@louis.info>
Tested-by: Florian Engelke <engelke@louis.info>
Reviewed-by: Wolfgang Baumgartner <wolfgang.baumgartner@hswt.de>
Tested-by: Wolfgang Baumgartner <wolfgang.baumgartner@hswt.de>
Reviewed-by: Wouter Wolters <typo3@wouterwolters.nl>
Tested-by: Wouter Wolters <typo3@wouterwolters.nl>

Revision 0671b4ca - 2015-03-19 09:05 - Markus Klein

[FOLLOWUP][BUGFIX] Fix PHP warning in shouldFieldBeOverlaid()

We have to check the type of the variable properly.

In case we have a non-empty array, we must not run trim() on it.

Releases: master, 6.2

Resolves: #60998

Change-Id: I3bef04a3e64d4c811c71a110fa0bfba4fc3fc361

Reviewed-on: http://review.typo3.org/37940

Reviewed-by: Wouter Wolters <typo3@wouterwolters.nl>

Tested-by: Wouter Wolters <typo3@wouterwolters.nl>

History

#1 - 2014-08-15 16:53 - Markus Klein

- Status changed from New to Needs Feedback

Hi Stefan, thanks for the report!

Can you provide a stacktrace for this? (Enable the Developer preset in the Install Tool to get a full exception incl. stack trace)

It seems really weird that a field value of a table is an array!?

It looks like the bug is actually somewhere else.

#2 - 2014-09-25 09:36 - Jens Schmietendorf

Uncaught TYPO3 Exception

#1: PHP Warning: trim() expects parameter 1 to be string, array given in

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/Page/PageRepository.php line 1416 (More information)

TYPO3\CMS\Core\Error\Exception thrown in file

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/core/Classes/Error/ErrorHandler.php in line 101.

30 TYPO3\CMS\Core\Error\ErrorHandler::handleError(2, "trim() expects parameter 1 to be string, array given",

"/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typ…o3/sysext/frontend/Classes/Page/PageRepository.php", 1416, array)

29 trim(array)

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/Page/PageRepository.php:

01414:   }

01415:

01416:   if (trim($checkValue) === '') {

01417: $shouldFieldBeOverlaid = FALSE;

01418:   }

28 TYPO3\CMS\Frontend\Page\PageRepository::shouldFieldBeOverlaid("tt_content", "image", array)

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/Page/PageRepository.php:

01381: $localizedReferences = $fileRepository->findByRelation($tableName, $fieldName, $localizedId);

01382: $localizedReferencesValue = $localizedReferences ?: '';

01383:   if ($this->shouldFieldBeOverlaid($tableName, $fieldName, $localizedReferencesValue)) {

01384: $references = $localizedReferences;
01385:   }

27 TYPO3\CMS\Frontend\Page\PageRepository::getFileReferences("tt_content", "image", array)

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/FilesContentObject.php:

00315: $referencesFieldName,
00316: $element

00317:   );

00318:
00319: $this->addToArray($references, $fileObjects);

26 TYPO3\CMS\Frontend\ContentObject\FilesContentObject::handleFileReferences(array, array, array)

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/FilesContentObject.php:

00078:   }
00079:

00080: $this->handleFileReferences($conf, (array)$this->cObj->data, $fileObjects);

00081:   }
00082:   if ($conf['files'] || $conf['files.']) {

25 TYPO3\CMS\Frontend\ContentObject\FilesContentObject::render(array)

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:

00751: $contentObject = $this->getContentObject($name);
00752:   if ($contentObject) {

00753: $content .= $contentObject->render($conf);

00754:   } else {
00755:   // Call hook functions for extra processing

24 TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::cObjGetSingle("FILES", array, "/stdWrap/.cObject")

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:

02280:   */
02281:   public function stdWrap_cObject($content = '', $conf = array()) {

02282:   return $this->cObjGetSingle($conf['cObject'], $conf['cObject.'], '/stdWrap/.cObject');

02283:   }

02284:

23 TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::stdWrap_cObject("", array)

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:

02101:   // Call the function with the prefix stdWrap_ to make sure nobody can execute functions just by adding their name to the TS Array
02102: $functionName = 'stdWrap_' . $functionName;

02103: $content = $this->{$functionName}($content, $singleConf);

02104:   } elseif ($functionType == 'boolean' && !$conf[$functionName]) {
02105: $isExecuted[$functionName] = TRUE;

22 TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::stdWrap("", array)

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/LoadRegisterContentObject.php:

00040: $theValue = $this->cObj->stdWrap($conf[$register], $conf[$registerProperties]);
00041:   } elseif (isset($conf[$registerProperties])) {

00042: $theValue = $this->cObj->stdWrap('', $conf[$registerProperties]);

00043:   }
00044: $GLOBALS['TSFE']->register[$register] = $theValue;

21 TYPO3\CMS\Frontend\ContentObject\LoadRegisterContentObject::render(array)

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:

01058:   return $this->getContentObject('RESTORE_REGISTER')->render();
01059: } else {

01060:   return $this->getContentObject('LOAD_REGISTER')->render($conf);

01061: }
01062: }

20 TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::LOAD_REGISTER(array, "LOAD_REGISTER")

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/css_styled_content/Classes/Controller/CssStyledContentController.php:

00462:   if (isset($conf['preRenderRegisters.'])) {
00463: $restoreRegisters = TRUE;

00464: $this->cObj->LOAD_REGISTER($conf['preRenderRegisters.'], 'LOAD_REGISTER');

00465:   }
00466:   // Specific configuration for the chosen rendering method

19 TYPO3\CMS\CssStyledContent\Controller\CssStyledContentController::render_textpic("", array)

18 call_user_func_array(array, array)

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:

06578: $content,
06579: $conf

06580:   ));

06581:   } else {
06582: $GLOBALS['TT']->setTSlogMessage('Method "' . $parts[1] . '" did not exist in class "' . $parts[0] . '"', 3);

17

TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::callUserFunction("TYPO3\CMS\CssStyledContent\Controller\CssStyledContentController->r
tController->render_textpic", array, "")

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/UserContentObject.php:

00039: }
00040: $this->cObj->includeLibs($conf);

00041: $tempContent = $this->cObj->callUserFunction($conf['userFunc'], $conf, '');

00042: if ($this->cObj->doConvertToUserIntObject) {
00043: $this->cObj->doConvertToUserIntObject = FALSE;

16 TYPO3\CMS\Frontend\ContentObject\UserContentObject::render(array)

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:

00751: $contentObject = $this->getContentObject($name);
00752:   if ($contentObject) {

00753: $content .= $contentObject->render($conf);

00754:   } else {
00755:   // Call hook functions for extra processing

15 TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::cObjGetSingle("USER", array, "20")

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:

00694:   if ((int)$theKey && strpos($theKey, '.') === FALSE) {
00695: $conf = $setup[$theKey . '.'];

00696: $content .= $this->cObjGetSingle($theValue, $conf, $addKey . $theKey);

00697:   }
00698:   }

14 TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::cObjGet(array)

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/ContentObjectArrayContentObject.php:

```
00038:
00039:    $this->cObj->includeLibs($conf);

00040:    $content = $this->cObj->cObjGet($conf);

00041:    $wrap = isset($conf['wrap.']) ? $this->cObj->stdWrap($conf['wrap'], $conf['wrap.']) : $conf['wrap'];
00042:    if ($wrap) {
```

13 TYPO3\CMS\Frontend\ContentObject\ContentObjectArrayContentObject::render(array)

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:

```
00751:    $contentObject = $this->getContentObject($name);
00752:    if ($contentObject) {

00753:        $content .= $contentObject->render($conf);

00754:    } else {
00755:        // Call hook functions for extra processing
```

12 TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::cObjGetSingle("COA", array, "image")

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/CaseContentObject.php:

```
00040:    $key = strlen($conf[$key]) ? $key : 'default';
00041:    $name = $conf[$key];

00042:    $theValue = $this->cObj->cObjGetSingle($name, $conf[$key . '.'], $key);

00043:    if (isset($conf['stdWrap.'])) {
00044:        $theValue = $this->cObj->stdWrap($theValue, $conf['stdWrap.']);
```

11 TYPO3\CMS\Frontend\ContentObject\CaseContentObject::render(array)

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:

```
00751:    $contentObject = $this->getContentObject($name);
00752:    if ($contentObject) {

00753:        $content .= $contentObject->render($conf);

00754:    } else {
00755:        // Call hook functions for extra processing
```

10 TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::cObjGetSingle("CASE", array, "tt_content")

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:

```
00733:    // Getting the cObject
00734:    $GLOBALS['TT']->incStackPointer();

00735:    $content .= $this->cObjGetSingle($name, $conf, $key);
```

```
00736:    $GLOBALS['TT']->decStackPointer();
00737:    } else {
```

9 TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::cObjGetSingle("<tt_content", NULL, "")

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/ContentContentObject.php:

```
00105:       $this->cObj->lastChanged($row['tstamp']);
00106:       $cObj->start($row, $conf['table']);

00107:       $tmpValue = $cObj->cObjGetSingle($renderObjName, $renderObjConf, $renderObjKey);

00108:       $cobjValue .= $tmpValue;
00109:    }
```

8 TYPO3\CMS\Frontend\ContentObject\ContentContentObject::render(array)

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:

```
00751:    $contentObject = $this->getContentObject($name);
00752:    if ($contentObject) {

00753:       $content .= $contentObject->render($conf);

00754:    } else {
00755:       // Call hook functions for extra processing
```

7 TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::cObjGetSingle("CONTENT", array)

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/FluidTemplateContentObject.php:

```
00208:    $this->view->assign(
00209:       $variableName,

00210:       $this->cObj->cObjGetSingle($cObjType, $variables[$variableName . '.'])

00211:    );
00212:    } else {
```

6 TYPO3\CMS\Frontend\ContentObject\FluidTemplateContentObject::assignContentObjectVariables(array)

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/FluidTemplateContentObject.php:

```
00078: $this->setExtbaseVariables($conf);
00079: $this->assignSettings($conf);

00080: $this->assignContentObjectVariables($conf);

00081: $this->assignContentObjectDataAndCurrent($conf);
00082:
```

5 TYPO3\CMS\Frontend\ContentObject\FluidTemplateContentObject::render(array)

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:

00751: $contentObject = $this->getContentObject($name);
00752:   if ($contentObject) {

00753: $content .= $contentObject->render($conf);

00754:   } else {
00755:   // Call hook functions for extra processing

4 TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::cObjGetSingle("FLUIDTEMPLATE", array, "10")

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:

00694:   if ((int)$theKey && strpos($theKey, '.') === FALSE) {
00695: $conf = $setup[$theKey . '.'];

00696: $content .= $this->cObjGetSingle($theValue, $conf, $addKey . $theKey);

00697:   }
00698:   }

3 TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::cObjGet(array)

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/frontend/Classes/Page/PageGenerator.php:

00222: $GLOBALS['TT']->incStackPointer();
00223: $GLOBALS['TT']->push($GLOBALS['TSFE']->sPre, 'PAGE');

00224: $pageContent = $GLOBALS['TSFE']->cObj->cObjGet($GLOBALS['TSFE']->pSetup);

00225:   if ($GLOBALS['TSFE']->pSetup['wrap']) {
00226: $pageContent = $GLOBALS['TSFE']->cObj->wrap($pageContent, $GLOBALS['TSFE']->pSetup['wrap']);

2 TYPO3\CMS\Frontend\Page\PageGenerator::renderContent()

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/cms/tslib/index_ts.php:

00209:   // Content generation
00210:   if (!$TSFE->isINTincScript()) {

00211:   \TYPO3\CMS\Frontend\Page\PageGenerator::renderContent();

00212: $TSFE->setAbsRefPrefix();
00213:   }

1 require("/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/typo3/sysext/cms/tslib/index_ts.php")

/Users/XXXXX/Documents/htdocs/typo3_src-6.2.5/index.php:

00026:   ->redirectToInstallerIfEssentialConfigurationDoesNotExist();
00027:

00028: require(PATH_tslib . 'index_ts.php');

#3 - 2014-09-26 00:36 - Markus Klein

- Status changed from Needs Feedback to Accepted

- Is Regression changed from No to Yes

Thanks for the trace.

Clear thing now, the problem was introduced with https://review.typo3.org/29739
See also related changes

#4 - 2014-09-28 21:13 - Frans Saris

Hi Jens,

could you maybe also post some steps how to reproduce this? TypoScript language settings and maybe changes you made to the TCA of tt_content.

Also a vardump of $value and $GLOBALS['TCA'][$table]['columns'][$field] in shouldFieldBeOverlaid() when $field 'image' and $table 'tt_content' could probably help in finding out what goes wrong here.

```
    if ($table === 'tt_content' && $field == 'image') {
       debug($value, 'value');
       debug($GLOBALS['TCA'][$table]['columns'][$field], 'TCA');
    }
```

Only preventing the error is no problem but I'm not sure why you get the error.

gr. Frans

#5 - 2014-10-24 09:28 - Lars Malach

- File Screen Shot 2014-10-24 at 09.08.10.png added

Here is a var_dump generated with:

```
    if ($table === 'tt_content' && $field == 'image' && !is_string($value)) {
       DebuggerUtility::var_dump($value, 'value');
       DebuggerUtility::var_dump($GLOBALS['TCA'][$table]['columns'][$field], 'TCA');
    }
```

#6 - 2014-11-14 14:08 - Philipp Wrann

Got this too.... very annoying behaviour

sys_language_mode = content_fallback
sys_language_overlay = 1
sys_language_softMergeIfNotBlank = tt_content:image,pages:media

Hope this helps fixing the issue

#7 - 2014-11-14 14:26 - Philipp Wrann

Also this seems to be related to the environment

On my productive system the error is thrown, locally everything is working just fine.
Identical setup and both running PHP 5.3 and requested from empty cache

#8 - 2014-11-14 14:31 - Philipp Wrann

When setting the config to:
sys_language_mode = ignore
sys_language_overlay = 0

It works, maybe the missing fallback values where the problem

#9 - 2014-11-18 21:27 - Markus Klein

Ok, the problem is the mergeIfNotBlank setting in TCA.
In the case of images the $value passed to shouldFieldBeOverlaid() is an array with the file references.
Of course we can't run a trim() on that array.

#10 - 2014-11-18 21:28 - Gerrit Code Review
- Status changed from Accepted 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/34320

#11 - 2014-11-18 21:30 - 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/34320

#12 - 2014-11-19 00:44 - Gerrit Code Review

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/34320

#13 - 2014-11-19 09:54 - Gerrit Code Review

Patch set 4 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at http://review.typo3.org/34320

#14 - 2014-11-24 08:07 - Gerrit Code 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/34523

#15 - 2014-11-24 08:30 - Markus Klein

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:c56c5c6dc396b9cebbe480dde9e7130a81167b1a.

#16 - 2015-02-09 07:07 - Wolfgang Baumgartner

I'm still getting this warning in typo3 6.2.9 (php 5.4.36):

#1: PHP Warning: trim() expects parameter 1 to be string, array given in

/var/www/typo3repo/typo3_src-6.2.9/typo3/sysext/frontend/Classes/Page/PageRepository.php line 1416 (More information)

TYPO3\CMS\Core\Error\Exception thrown in file

/var/www/typo3repo/typo3_src-6.2.9/typo3/sysext/core/Classes/Error/ErrorHandler.php in line 101.

53 TYPO3\CMS\Core\Error\ErrorHandler::handleError(2, "trim() expects parameter 1 to be string, array given",

"/var/www/typo3repo/typo3_src-6.2.9/typo3/sysext/frontend/Classes/Page/PageRepository.php", 1416, array)

52 trim(array)

/var/www/typo3repo/typo3_src-6.2.9/typo3/sysext/frontend/Classes/Page/PageRepository.php:

01414:   }
01415:

01416:   if ($checkValue === array() || trim($checkValue) === '') {

01417: $shouldFieldBeOverlaid = FALSE;
01418:   }

I patched the line 1416:

if ($checkValue === array() || (!is_array($checkValue) && trim($checkValue) === '')) {

#17 - 2015-02-09 09:55 - Markus Klein

Please open a new ticket for this and please post some information what to do to reproduce this. Thanks.

#18 - 2015-03-18 10:19 - Florian Engelke

- File pages_language_overlay_meida.png added

Wolfgang Baumgartner wrote:

> *I'm still getting this warning in typo3 6.2.9 (php 5.4.36):*
>
> *#1: PHP Warning: trim() expects parameter 1 to be string, array given in*
> */var/www/typo3repo/typo3_src-6.2.9/typo3/sysext/frontend/Classes/Page/PageRepository.php line 1416 (More information)*
>
> *TYPO3\CMS\Core\Error\Exception thrown in file*
> */var/www/typo3repo/typo3_src-6.2.9/typo3/sysext/core/Classes/Error/ErrorHandler.php in line 101.*
>
> *53 TYPO3\CMS\Core\Error\ErrorHandler::handleError(2, "trim() expects parameter 1 to be string, array given",*
> *"/var/www/typo3repo/typo3_src-6.2.9/typo3/sysext/frontend/Classes/Page/PageRepository.php", 1416, array)*
>
> *52 trim(array)*
>
> */var/www/typo3repo/typo3_src-6.2.9/typo3/sysext/frontend/Classes/Page/PageRepository.php:*
>
> *01414:   }*
> *01415:*
>
> *01416:   if ($checkValue === array() || trim($checkValue) === '') {*
>
> *01417: $shouldFieldBeOverlaid = FALSE;*
> *01418:   }*
>
> *I patched the line 1416:*
> *if ($checkValue === array() || (!is_array($checkValue) && trim($checkValue) === '')) {*

I have the same Problems (TYPO3 6.2.11 / PHP 5.5.21)

The Array has one FileReference (media) from pages_language_overlay.

    array(1 item)
      0 => TYPO3\CMS\Core\Resource\FileReferenceprototypeobject
        propertiesOfFileReference => array(32 items)
        uidOfFileReference => NULL
        name => NULL
        originalFile => TYPO3\CMS\Core\Resource\Fileprototypeobject
        mergedProperties => array(empty)

If have the Option: $GLOBALS['TCA']['pages_language_overlay']['columns']['media']['l10n_mode'] = 'mergeIfNotBlank';

pages_language_overlay_meida.png

#19 - 2015-03-18 15:51 - Markus Klein

Please post the FULL stacktrace, thanks!

#20 - 2015-03-18 16:00 - Florian Engelke

Uncaught TYPO3 Exception

#1: PHP Warning: trim() expects parameter 1 to be string, array given in

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/frontend/Classes/Page/PageRepository.php line 1416 (More information)

TYPO3\CMS\Core\Error\Exception thrown in file

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/core/Classes/Error/ErrorHandler.php in line 101.

20 TYPO3\CMS\Core\Error\ErrorHandler::handleError(2, "trim() expects parameter 1 to be string, array given",

"/home/shared_typo3/typo3_source/typo3_src-6.2.11/t…o3/sysext/frontend/Classes/Page/PageRepository.php", 1416, array)

19 trim(array)

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/frontend/Classes/Page/PageRepository.php:

01414:   }

01415:

01416:   if ($checkValue === array() || trim($checkValue) === '') {

01417: $shouldFieldBeOverlaid = FALSE;

01418:   }

18 TYPO3\CMS\Frontend\Page\PageRepository::shouldFieldBeOverlaid("pages_language_overlay", "media", array)

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/frontend/Classes/Page/PageRepository.php:

01381: $localizedReferences = $fileRepository->findByRelation($tableName, $fieldName, $localizedId);

01382: $localizedReferencesValue = $localizedReferences ?: '';

01383:   if ($this->shouldFieldBeOverlaid($tableName, $fieldName, $localizedReferencesValue)) {

01384: $references = $localizedReferences;

01385:   }

17 TYPO3\CMS\Frontend\Page\PageRepository::getFileReferences("pages", "media", array)

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/core/Classes/Resource/Service/FrontendContentAdapterService.php:

00088:   foreach (static::$migrateFields[$table] as $migrateFieldName => $oldFieldNames) {

00089:   if ($row !== NULL && isset($row[$migrateFieldName]) && self::fieldIsInType($migrateFieldName, $table, $row)) {

00090: $files = self::getPageRepository()->getFileReferences($table, $migrateFieldName, $row);

00091: $fileFieldContents = array(

00092:   'paths' => array(),

16 TYPO3\CMS\Core\Resource\Service\FrontendContentAdapterService::modifyDBRow(array, "pages")

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:

00566:   global $TYPO3_CONF_VARS;

00567:   if ($TYPO3_CONF_VARS['FE']['activateContentAdapter'] && is_array($data) && !empty($data) && !empty($table)) {

00568:   \TYPO3\CMS\Core\Resource\Service\FrontendContentAdapterService::modifyDBRow($data, $table);

00569:   }

00570: $this->data = $data;

15 TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::start(array, "pages")

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/frontend/Classes/ContentObject/Menu/TextMenuContentObject.php:

```
00065:    $GLOBALS['TSFE']->register['count_MENUOBJ']++;
00066:    // Initialize the cObj with the page record of the menu item
00067:    $this->WMcObj->start($this->menuArr[$key], 'pages');
00068:    $this->I = array();
00069:    $this->I['key'] = $key;
```

14 TYPO3\CMS\Frontend\ContentObject\Menu\TextMenuContentObject::writeMenu()

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/frontend/Classes/ContentObject/Menu/AbstractMenuContentObject.php:
```
01507:      // Reset the menu item count for the submenu
01508:      $GLOBALS['TSFE']->register['count_MENUOBJ'] = 0;
01509:      $content = $submenu->writeMenu();
01510:      // Restore the item count now that the submenu has been handled
01511:      $GLOBALS['TSFE']->register['count_MENUOBJ'] = $tempCountMenuObj;
```

13 TYPO3\CMS\Frontend\ContentObject\Menu\AbstractMenuContentObject::subMenu("50", NULL)

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/frontend/Classes/ContentObject/Menu/TextMenuContentObject.php:
```
00236:    // Add part to the accumulated result + fetch submenus
00237:    if (!$this->I['spacer']) {
00238:      $this->I['theItem'] .= $this->subMenu($this->I['uid'], $this->WMsubmenuObjSuffixes[$key]['sOSuffix']);
00239:    }
00240:    $part = isset($this->I['val']['wrapItemAndSub.']) ? $this->WMcObj->stdWrap($this->I['val']['wrapItemAndSub'],
$this->I['val']['wrapItemAndSub.']) : $this->I['val']['wrapItemAndSub'];
```

12 TYPO3\CMS\Frontend\ContentObject\Menu\TextMenuContentObject::extProc_afterLinking(0)

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/frontend/Classes/ContentObject/Menu/TextMenuContentObject.php:
```
00160:    }
00161:    // Calling extra processing function
00162:    $this->extProc_afterLinking($key);
00163:  }
00164:  return $this->extProc_finish();
```

11 TYPO3\CMS\Frontend\ContentObject\Menu\TextMenuContentObject::writeMenu()

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/frontend/Classes/ContentObject/HierarchicalMenuContentObject.php:
```
00047:    $menu->start($GLOBALS['TSFE']->tmpl, $GLOBALS['TSFE']->sys_page, '', $conf, 1);
00048:    $menu->makeMenu();
00049:    $theValue .= $menu->writeMenu();
00050:  } catch (\TYPO3\CMS\Frontend\ContentObject\Menu\Exception\NoSuchMenuTypeException $e) {
00051:  }
```

10 TYPO3\CMS\Frontend\ContentObject\HierarchicalMenuContentObject::render(array)

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:
```
00749:    $contentObject = $this->getContentObject($name);
00750:    if ($contentObject) {
00751:      $content .= $contentObject->render($conf);
00752:    } else {
00753:      // Call hook functions for extra processing
```

9 TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::cObjGetSingle("HMENU", array, "10")

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:

00694:   if ((int)$theKey && strpos($theKey, '.') === FALSE) {

00695: $conf = $setup[$theKey . '.'];

00696: $content .= $this->cObjGetSingle($theValue, $conf, $addKey . $theKey);

00697:   }

00698: }

8 TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::cObjGet(array)

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/frontend/Classes/ContentObject/ContentObjectArrayContentObject.php:

00038:

00039: $this->cObj->includeLibs($conf);

00040: $content = $this->cObj->cObjGet($conf);

00041: $wrap = isset($conf['wrap.']) ? $this->cObj->stdWrap($conf['wrap'], $conf['wrap.']) : $conf['wrap'];

00042: if ($wrap) {

7 TYPO3\CMS\Frontend\ContentObject\ContentObjectArrayContentObject::render(array)

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:

00749: $contentObject = $this->getContentObject($name);

00750:   if ($contentObject) {

00751: $content .= $contentObject->render($conf);

00752:   } else {

00753:   // Call hook functions for extra processing

6 TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::cObjGetSingle("COA", array, "subparts.navmenu")

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/frontend/Classes/ContentObject/TemplateContentObject.php:

00126: $this->cObj->data[$this->cObj->currentValKey] = $GLOBALS['TSFE']->register['SUBPART_' . $theKey];

00127:   // Get subpart cObject and substitute it!

00128: $subpartArray[$PRE . $theKey . $POST] = $this->cObj->cObjGetSingle($theValue['name'], $theValue['conf'], 'subparts.' . $theKey);

00129:   }

00130:   // Reset current to empty

5 TYPO3\CMS\Frontend\ContentObject\TemplateContentObject::render(array)

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:

00749: $contentObject = $this->getContentObject($name);

00750:   if ($contentObject) {

00751: $content .= $contentObject->render($conf);

00752:   } else {

00753:   // Call hook functions for extra processing

4 TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::cObjGetSingle("TEMPLATE", array, "20")

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php:

00694:   if ((int)$theKey && strpos($theKey, '.') === FALSE) {

00695: $conf = $setup[$theKey . '.'];

00696: $content .= $this->cObjGetSingle($theValue, $conf, $addKey . $theKey);

00697:   }

00698: }

3 TYPO3\CMS\Frontend\ContentObject\ContentObjectRenderer::cObjGet(array)

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/frontend/Classes/Page/PageGenerator.php:

00212: $GLOBALS['TT']->incStackPointer();

00213: $GLOBALS['TT']->push($GLOBALS['TSFE']->sPre, 'PAGE');

00214: $pageContent = $GLOBALS['TSFE']->cObj->cObjGet($GLOBALS['TSFE']->pSetup);

00215:   if ($GLOBALS['TSFE']->pSetup['wrap']) {

00216: $pageContent = $GLOBALS['TSFE']->cObj->wrap($pageContent, $GLOBALS['TSFE']->pSetup['wrap']);

2 TYPO3\CMS\Frontend\Page\PageGenerator::renderContent()

/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/cms/tslib/index_ts.php:

00210:   // Content generation

00211:   if (!$TSFE->isINTincScript()) {

00212:   \TYPO3\CMS\Frontend\Page\PageGenerator::renderContent();

00213: $TSFE->setAbsRefPrefix();

00214:   }

1 require("/home/shared_typo3/typo3_source/typo3_src-6.2.11/typo3/sysext/cms/tslib/index_ts.php")

/home/user/public_html/project/index.php:

00166: // **********

00167:

00168: require(PATH_tslib . 'index_ts.php');

00169:

00170:

#21 - 2015-03-18 16:30 - Markus Klein

Oh I guess I found the issue: FrontendContentAdapterService
This adjusts the values of those columns and that's why that stuff fails.

#22 - 2015-03-18 16:38 - Markus Klein

Can you try to disable it? [SYS][activateContentAdapter]

#23 - 2015-03-18 16:50 - Florian Engelke
- File Uncaught TYPO3 Exception.txt added

I disabled **[activateContentAdapter]** (don't find the Option in SYS) and clear the cache.

    'FE' => array(
        'activateContentAdapter' => '0',

Same result. Error in attachment.

#24 - 2015-03-18 17:27 - Gerrit Code Review
- Status changed from Resolved 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/37928

#25 - 2015-03-18 17:28 - Markus Klein

- Status changed from Under Review to Resolved

Ok, to sum this up:

mergeIfNotBlank on pages:media field causes the translation routine to resolve the file references and provides those to the shouldFieldBeOverlaid() method.

The check is lacking proper handling for non-empty arrays.

#26 - 2015-03-18 17:28 - Markus Klein

- Status changed from Resolved to Under Review

#27 - 2015-03-19 09:05 - Gerrit Code 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/37940

#28 - 2015-03-19 09:30 - Markus Klein

- Status changed from Under Review to Resolved

Applied in changeset commit:3ce5c4791949b80d8a1a387acbac164089a46de1.

Files

Screen Shot 2014-10-24 at 09.08.10.png	161.4 kB	2014-10-24	Lars Malach
pages_language_overlay_meida.png	129.4 kB	2015-03-18	Florian Engelke
Uncaught TYPO3 Exception.txt	11.9 kB	2015-03-18	Florian Engelke