

TYPO3 Core - Bug #94707

Undefined array key / Trying to access array offset on value of type null / PHP Version 8.0.8

2021-08-04 10:56 - Michael Kasten

Status:	Accepted	Start date:	2021-08-04
Priority:	Must have	Due date:	
Assignee:		% Done:	0%
Category:	Extbase	Estimated time:	0.00 hour
Target version:	next-patchlevel	Complexity:	
TYPO3 Version:	11	Is Regression:	
PHP Version:	8.0	Sprint Focus:	
Tags:			

Description

PHP version: 8.0.8
PHP CGI detected: Yes
Version: MySQL 5.5.5-10.3.29-MariaDB-0+deb10u1

These Error messages are flooding the Logtable, getting multiple errors like this in one second, setting debug presett will breake the frontend.

```
Core: Error handler (BE): PHP Warning: Undefined array key "tx_news_pi1" in typo3_src-11.3.1/vendor/symfony/expression-language/Node/GetAttrNode.php line 97
Core: Error handler (BE): PHP Warning: Undefined array key "defaultContentRendering" in typo3_src-11.3.1/typo3/sysext/core/Classes/TypoScript/Parser/TypoScriptParser.php line 957
Core: Error handler (FE): PHP Warning: Undefined array key "excludeFromConcatenation" in typo3_src-11.3.1/typo3/sysext/frontend/Classes/Http/RequestHandler.php line 447
```

Same Projekt running under PHP 7.4.3 dosnt show these errors so i guess its a Problem with the PHP Version

Confusing about the tx_news_pi1 error because there is no news extension installed

Is 11.3.1 really PHP 8.0.x ready?

Related issues:

Related to TYPO3 Core - Bug #95082: Add fallback for undefined key in Request...	Closed	2021-09-02
Related to TYPO3 Core - Bug #95536: Undefined array key when cut ce in list v...	Resolved	2021-10-08
Related to TYPO3 Core - Bug #95563: Undefined key warnings in ContentObjectRe...	Resolved	2021-10-11

History

#1 - 2021-08-05 08:42 - Oliver Bartsch

Hi, regarding

```
Core: Error handler (BE): PHP Warning: Undefined array key "tx_news_pi1" in typo3_src-11.3.1/vendor/symfony/expression-language/Node/GetAttrNode.php line 97
```

this does not mean EXT:news is installed but that your installation contains a TypoScript Condition with tx_news_pi1 as array key. Maybe something like:

```
request.getQueryParams()['tx_news_pi1'] == 1
```

#2 - 2021-09-07 07:44 - Benni Mack

- Target version changed from 11.4 to 11 LTS

#3 - 2021-09-08 07:56 - Michael Kasten

Hi,

@oliver: your right there was a condition left for ext news, removed and this error was fixed!

I'm testing today with the 11.4 release, the log show me more and more "undefined key array" issues

```
PHP Warning: Undefined array key "allWrap" in /var/www/html/typo3_src-11.4.0/typo3/sysext/frontend/Classes/Http/RequestHandler.php line 446
```

```
$scssFileConfig['allWrap'],
```

```
PHP Warning: Undefined array key "forceOnTop" in /var/www/html/typo3_src-11.4.0/typo3/sysext/frontend/Classes/Http/RequestHandler.php line 445
```

```
(bool)$scssFileConfig['forceOnTop']
```

```
PHP Warning: Undefined array key "inline" in /var/www/html/typo3_src-11.4.0/typo3/sysext/frontend/Classes/Http/RequestHandler.php line 444
```

```
(bool)$scssFileConfig['inline']
```

```
PHP Warning: Undefined array key "external" in /var/www/html/typo3_src-11.4.0/typo3/sysext/frontend/Classes/Http/RequestHandler.php line 444
```

```
$scssFileConfig['external']
```

```
PHP Warning: Undefined array key "title" in /var/www/html/typo3_src-11.4.0/typo3/sysext/frontend/Classes/Http/RequestHandler.php line 443
```

```
$scssFileConfig['title']
```

All this warnings are shown as errors inside the Logfile, the Problem is: Calling a page for the frontend will produce ~70 Logentries in one second so the Log table was flooded by the time (i know that there is a scheduler command for clearing, but it is difficult to see real problem with all these stuff inside the Logtable)

the example above ist touching the css processing (line 414:456) the same problem exists on the js processing also

I guess there a some proofs necessary like

```
if(isset($table[$key])) {
```

or better

```
$table[$key] = $table[$key] ?? null;
```

#4 - 2021-09-12 17:43 - Jochen Roth

- Related to Bug #95082: Add fallback for undefined key in RequestHandler/TypoScriptFrontendController added

#5 - 2021-10-07 08:16 - Benni Mack

- Target version changed from 11 LTS to Candidate for patchlevel

#6 - 2021-10-07 20:34 - Jochen Roth

@Michael, this should be fixed in 11.5

Can you please verify? Thank you.

#7 - 2021-10-08 06:57 - Xavier Perseguers

I've got a similar error:

```
PHP Warning: Undefined array key "tt_content"
```

while trying to cut/paste a content element from one page to another one, thus in Backend.

#8 - 2021-10-08 06:59 - Xavier Perseguers

Now that I moved my content element manually in database, I have another error while using Web > Page:

```
PHP Warning: Undefined array key "mode" in /path/to/private/typo3/sysext/backend/Classes/Controller/PageLayoutController.php line 648
```

#9 - 2021-10-08 07:01 - Xavier Perseguers

- File env.png added

- Status changed from New to Accepted

- Priority changed from Should have to Must have

- Target version changed from Candidate for patchlevel to next-patchlevel

Environment:

TYPO3 Version	11.5.0
Webserver	nginx/1.18.0
PHP Version	8.0.11
Database (Default)	MySQL 5.5.5-10.3.31-MariaDB-0ubuntu0.20.04.1
Application Context	Production
Composer mode	Enabled
Operating System	Linux 5.4.0-1038-aws

#10 - 2021-10-08 08:51 - Jochen Roth

Xavier Perseguers wrote in [#note-7](#):

I've got a similar error:

[...]

while trying to cut/paste a content element from one page to another one, thus in Backend.

This is already fixed in latest master:

<https://github.com/TYPO3/typo3/blob/master/typo3/sysext/backend/Classes/Controller/SimpleDataHandlerController.php#L270>

#11 - 2021-10-08 08:55 - Jochen Roth

- Related to Bug #95536: Undefined array key when cut ce in list view and paste in page view added

#12 - 2021-10-08 09:07 - Jochen Roth

Xavier Perseguers wrote in [#note-8](#):

Now that I moved my content element manually in database, I have another error while using Web > Page:

[...]

This patch will fix the undefined mode:w

<https://review.typo3.org/c/Packages/TYPO3.CMS/+71504>

#13 - 2021-10-11 09:37 - Michael Kasten

[Jochen Fröhlich](#) i guess these errors are fixed but there are some more issues with this behaviour:

```
Undefined array key "typolink." in /var/www/html/typo3_src-11.5.0/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php line 1043
```

```
$content = (string)$this->typoLink($string, $conf['typolink.']);
```

```
#maybe should be
```

```
$content = (string)$this->typoLink($string, $conf['typolink.'] ?? []);
```

```
Undefined array key "crop" in /var/www/html/typo3_src-11.5.0/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php line 1070
```

```
$conf[$parameterName] = $this->stdWrap($conf[$parameterName], $conf[$parameterName . '.']);
```

```
#maybe should be
```

```
$conf[$parameterName] = $this->stdWrap($conf[$parameterName], $conf[$parameterName . '.'] ?? []);
```

```
Undefined array key "m." in /var/www/html/typo3_src-11.5.0/typo3/sysext/frontend/Classes/ContentObject/ContentObjectRenderer.php line 4084
```

```
$maskArray = $fileArray['m.'];
```

#maybe should be

```
$maskArray = $fileArray['m.'] ?? [];
```

Undefined array key "addQueryString" in /var/www/html/typo3_src-11.5.0/typo3/sysext/frontend/Classes/ContentObject/Menu/AbstractMenuContentObject.php line 627

```
$getVars = $this->parent_cObj->getQueryArguments($this->conf['addQueryString.']);
```

#maybe should be

```
$getVars = $this->parent_cObj->getQueryArguments($this->conf['addQueryString.'] ?? []);
```

Undefined array key 1 in /var/www/html/typo3_src-11.5.0/typo3/sysext/frontend/Classes/ContentObject/Menu/AbstractMenuContentObject.php line 973

```
$endKey = $this->parent_cObj->getKey($begin_end[1], $this->tmpl->rootLine);
```

#maybe should be

```
$endKey = $this->parent_cObj->getKey($begin_end[1] ?? [], $this->tmpl->rootLine);
```

As far as I can see :)

#14 - 2021-10-11 13:28 - Jochen Roth

- Related to Bug #95563: Undefined key warnings in ContentObjectRenderer.php added

#15 - 2021-10-11 13:31 - Jochen Roth

Michael Kasten wrote in [#note-13](#):

[Jochen Fröhlich](#) i guess these errors are fixed but there are some more issues with this behaviour:

[...]

[...]

[...]

[...]

[...]

As far as I can see :)

Moved to [#95563](#) ... can't have all the PHP8 undefined key warning in a single issue. I prefer smaller chunks to work on.

Files

env.png	22.1 KB	2021-10-08	Xavier Perseguers
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