

TYPO3.Eel - Bug # 36644

Status:	Resolved	Priority:	Must have
Author:	Adrian Föder	Category:	
Created:	2012-04-27	Assigned To:	Sebastian Kurfuerst
Updated:	2012-06-21	Due date:	

Subject: Invalid variable type during PHP-peg parsing

Description

during processing, in php-peg\Parser.php there' the following lines of code:

```
1 function store(&$result, $subres, $storetag = NULL) {
2     $result['text'] .= $subres['text'];
```

a var_dump of the \$subres variable has the following output ending:

(...many similar arrays)

```
array(4) {
  ["_matchrule"]=>
  string(11) "Disjunction"
  ["name"]=>
  string(11) "Disjunction"
  ["text"]=>
  string(47) "context.children(this.getNodePath()).children()"
  ["code"]=>
  string(164) "$context->getAndWrap('context')->callAndWrap('children',
array($context->getAndWrap('this')->callAndWrap('getNodePath', array()))->callAndWrap('children', array()))"
}
array(3) {
  ["_matchrule"]=>
  string(10) "Identifier"
  ["name"]=>
  string(10) "Identifier"
  ["text"]=>
  string(6) "teaser"
}
string(6) "teaser"
```

(end of processing)

you see, the last occurrence is a string; maybe due to a recursive call to the preceding Identifier/teaser thing.

Due to the fact \$subres is in the very last case a string, \$subres['text'] finally results in

```
1<!-- Exception while rendering
page&lt;TYPO3.TYPO3:Page&gt;/body&lt;TYPO3.TypoScript:FluidRenderer&gt;/sections/teaser : Warning: Illegal string offset
'text' in C:\Users\afoder\FLOW3\Flow3Org\Packages\Application\TYPO3.Eel\Resources\Private\PHP\php-peg\Parser.php line
171 -->
```

This kind of warning seems to be a PHP 5.4 issue only, but it's logically incorrect however.

Associated revisions

Revision 0e3cb904 - 2012-06-21 15:53 - Christopher Hlubek

[BUGFIX] Fix Fizzle grammar string offset access

The Fizzle grammar used a string for the result of a parsing expression which caused a notice in the packrat implementation of php-peg with PHP 5.4. This change fixes this to use an array for the result.

Change-Id: I8087c959f96b84daa6ff2e0ae6f7cdc4a1b0db5d

Resolves: #36644

History

#1 - 2012-04-27 15:31 - Christopher Hlubek

- Status changed from *New* to *Accepted*
- Assigned To set to *Christopher Hlubek*

#2 - 2012-06-19 14:40 - Peter Niederlag

```
function store(&$result, $subres, $storetag = NULL) {
    if (isset($result['text']) && isset($subres['text'])) {
        $result['text'] .= $subres['text'];
    } else {
        //var_dump($result);
        var_dump($subres);
        die('fehler');
        return;
    }
}
```

reveales:

```
string 'secondary' (length=9)
```

for me (php 5.4.x)

#3 - 2012-06-20 18:51 - Gerrit Code Review

Patch set 1 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/12232>

#4 - 2012-06-20 18:52 - Christopher Hlubek

- Status changed from *Accepted* to *Under Review*
- Assigned To changed from *Christopher Hlubek* to *Sebastian Kurfuerst*

Looks like this is caused by the Fizzle Grammar that stores an expression result as a string and not an array (which is expected by php-peg). I fixed that by using an array for the expression result.

@Sebastian: Maybe you can quickly review the change. Unit tests and functional tests pass for me.

#5 - 2012-06-21 15:38 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/12232>

#6 - 2012-06-21 15:53 - Gerrit Code Review

Patch set 3 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/12232>

#7 - 2012-06-21 16:37 - Christopher Hlubek

- *Status changed from Under Review to Resolved*

- *% Done changed from 0 to 100*

Applied in changeset commit:0e3cb90422aef67b6b80d6c88f6cae6e49b670c4.