

Bugs & Wish list

Limited number of single nested plugins, which should not be limited | Tiki Wiki CMS Groupware :: Development

Limited number of single nested plugins, which should not be limited

Status

✖ Closed

Subject

Limited number of single nested plugins, which should not be limited

Version

8.x

17.x

Category

- Consistency
- Less than 30-minutes fix

Resolution status

Partially solved

Submitted by

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Volunteered to solve

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Lastmod by

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Rating

★ ★ ★ ★ ★ (0) ?

Description

When you place more then 167 nested plugins of for example DIV (so not nested in nested in nested..., just plugins with only one nested plugin each). It will eventually not parse the plugin anymore.

Wikicode:



```
... {DIV(id="test1")}test1{DIV(id="test2")}test2{DIV}{DIV}
{DIV(id="test1")}test1 {DIV(id="test2")}test2 {DIV}{DIV}
{DIV(id="test1")}test1 {DIV(id="test2")}test2{DIV}{DIV} ...
```

The result will be:



```
test1 test2 ... test1 test2 test1{DIV(id="test2")}test2{DIV} ...
test1 {DIV(id="test2")}test2{DIV}
```

This is due to a counter (passes) within the PluginMatcher.php which is limited to 500. But I'm guessing this counter is meant to avoid 500 nested in nested in nested...etc (which indeed

make sense to me), but not that this keeps counting when you start a new plugin.

I think there should be some attention to the levels. It seems that level zero is the whole text and that level one is simply the detection of the plugin, level two is the detection of a nested plugin, level 3 is the detection of a nested in nested plugin etc.

I haven't figured it out completely, but I have found a workaround to make the counter count as expected. But this is again a workaround and a real solution is needed.

Edit: More info...it "goes wrong" when the performReplace function is called, which itself calls the getSubMatcher function again, which increases the level (for which I believe should not happen the first time it is called). Within the findMatches (which also calls the getSubMatcher) there is a test whether the \$this->level is empty and if so, the passes-counter is restored to zero. This test is missing within performReplace, but should maybe also be added? The problem is then that the passes-counter should be also known by the other functions. Shouldn't be difficult to do.

Solution

A preference was added to tiki in r62772 that allows one to increase the maximum number of passes, thus increasing the number of passes.

I've added the \$this-level-is empty test within the performReplace function. To do this I globally defined the passes variable.



```
*** old//lib/core/WikiParser/PluginMatcher.php Sat Oct 1 20:18:38 2011 ---
new//lib/core/WikiParser/PluginMatcher.php Wed May 9 10:41:13 2012 ***** ** 19,24
**** --- 19,26 ---- private $leftOpen = 0; + private $passes = 0; + public static function match(
$text ) { $matcher = new self; ***** ** 32,37 **** --- 34,40 ---- { $sub = new self;
$sub->level = $this->level + 1; + $sub->passes = $this->passes; $sub->text = $this->text;
$sub->findMatches( $start, $end ); ***** ** 53,65 **** function findMatches( $start,
$end ) { - static $passes; - if ($this->level === 0) { ! $passes = 0; } ! if (++$passes > 500) {
return; } --- 56,66 ---- function findMatches( $start, $end ) { if ($this->level === 0) { !
$this->passes = 0; } ! if (++$this->passes > 500) { return; } ***** ** 115,121 ****
$pos = $match->getEnd(); --$this->leftOpen; if (empty($this->level)) ! $passes = 0; break; } ---
116,122 ---- $pos = $match->getEnd(); --$this->leftOpen; if (empty($this->level)) ! $this->passes
= 0; break; } ***** ** 270,275 **** --- 271,278 ---- $sub = $this->getSubMatcher(
$start, $start + strlen( $string ) ); if ($sub->isComplete()) { $this->appendSubMatcher($sub); +
if (empty($this->level)) + $this->passes = 0; } ksort( $this->ends );
```

Workaround

Because level one seem to be the detection of the plugin, the check when the counter (passes) should be restored to one, needs to be adjusted.

Change in line 58 in file <tikiroot>/lib/core/WikiParser/PluginMatcher.php:



```
if ($this->level === 0) { $passes = 0; }
```

for:



```
if ($this->level <= 1) { $passes = 0; }
```

Importance

5

Priority

25

Demonstrate Bug (Tiki 19+)

Please demonstrate your bug on show2.tiki.org

Version: `trunk` ▼

Demonstrate Bug (older Tiki versions)

Please demonstrate your bug on show.tikiwiki.org

Version: `18.x` ▼

Ticket ID

4217

Created

Wednesday 09 May, 2012 08:04:11 GMT-0000

by [edwinbennink](#)

LastModif

Sunday 28 May, 2017 00:25:31 GMT-0000

Comments

Attachments

filename	created	hits	comment	version	filetype
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No attachments for this item

The original document is available at

<https://dev.tiki.org/item4217-Limited-number-of-single-nested-plugins-which-should-not-be-limited>