Error in PluginMatcher.php causing memory leakage and thus the fatal error: Allowed memory size of X bytes exhausted (tried to allocate X bytes).

Status
Closed

Subject
Error in PluginMatcher.php causing memory leakage and thus the fatal error: Allowed memory size of X bytes exhausted (tried to allocate X bytes).

Version
6.x

Category
- Error

Feature
Wiki Plugin (extends basic syntax)

Submitted by
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Lastmod by
edwinbennink

Rating
★ ● ★ ● ★ ● ★ ● ★ ● ★ ● ★ ● ★ ● ★ ● ★ ● ★ ● ★ ● ★ ● ★ ● (0) 📝

Description
I discovered an error in the PluginMatcher.php, which parses text of a wikipage and searches for opening and closing tags. Saving a file with these tags often gave the known error:

Fatal error: Allowed memory size of 67108864 bytes exhausted (tried to allocate 77 bytes) in /usr/local/httpd/htdocs/tiki-6.2/lib/core/WikiParser/PluginMatcher.php on line 69

Looking at the size of the wiki-page (which was quite small), the problem was not in the memory_limit size in php.ini, which was set to 64MB.

Closing tags could not always be found (when it contained a nested tag), such that a cascade occurred (due to the recursive function call), resulting in an enormous amount of memory-use.

Solution
Remove the "+ 1" in line 106 in the file <tikiwikirroot>/lib/core/WikiParser/PluginMatcher.php:

Replace in line 106:
$lookupStart = $candidate + 1;
With:
$lookupStart = $candidate;

Importance
9 high

Priority
45

Demonstrate Bug
Please demonstrate your bug on show2.tikiwiki.org

Version: trunk
Create show2.tikiwiki.org instance

Ticket ID
3831

Created
Monday 21 March, 2011 16:57:54 GMT-0000

LastModif
Wednesday 25 January, 2012 17:16:23 GMT-0000

Comments

Marc Laporte 21 Mar 11 18:47 GMT-0000
LP told me this should be solved in Tiki, although with a different solution. (I don't have details)

edwinbennink 25 Jan 12 17:16 GMT-0000
When updating to 8.3 the problem doesn't seem to occur anymore.

Attachments

<table>
<thead>
<tr>
<th>filename</th>
<th>created</th>
<th>hits</th>
<th>comment</th>
<th>version</th>
<th>filetype</th>
</tr>
</thead>
<tbody>
<tr>
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No attachments for this item