Wiki link with equation tag fails

**Status**
- Open

**Subject**
Wiki link with equation tag fails

**Version**
- 6.x
- 8.x

**Category**
- Error
- Usability

**Feature**
Wiki Plugin (extends basic syntax)
Wiki Syntax (text area, parser, external wiki, etc)

**Submitted by**
m_reinhardt

**Volunteered to solve**
Jean-François BILGER

**Lastmod by**
m_reinhardt

**Rating**

[5 stars](https://example.com)

**Description**
A wiki link in combination with a equation tag parses falsely.
This editor entry

```
((Fire weather index|{EQUATION()}FWI{EQUATION}))
```

displays the text output:

```
<img src="lib/equation/pictures/564a4dc730e638713aa76bb604088f85.png" alt="§7008f9602faf2722caf095a92ed8d624§" style="vertical-align:middle">§1a7e9ee2385aa1db7956a7f6368995f§
```

In HTML code:

```
<a class="wiki" title="Fire weather index" href="tiki-index.php?page=Fire+weather+index">§1a7e9ee2385aa1db7956a7f6368995f§</a>
```

The same in version 4.2 which is correct:

![FWI](lib/equation/pictures/04d4e88879dbf4f876f4b62fea56172f.png)

Importance 7

Demonstrate Bug

Please demonstrate your bug on show2.tikiwiki.org

Version: trunk

Ticket ID 3810

Created Tuesday 08 March, 2011 10:33:02 GMT-0000

LastModif Tuesday 28 February, 2012 08:41:52 GMT-0000

Comments

pezzacolori 28 Feb 12 08:00 GMT-0000

This is an important bug for me. Is it correct to post it here or should we post it somehow more plugin-specific? Any answer is appreciated. Thanks ...

Jean-François BILGER 28 Feb 12 08:37 GMT-0000

I've just test the plugin, you can check [http://dev.tiki.org/Changi%s+test](http://dev.tiki.org/Changi%27s+test) with tiki version 8.4.

Is your problem link to an old page?
Have you tried with a new one?

Jean-François BILGER 28 Feb 12 08:40 GMT-0000

Tested on Tiki6.7 => It's working.
pezzacolori 28 Feb 12 15:26 GMT-0000
I created the page "Fire weather index" in your example ... and now fails to render ... so I guess the problem is still there.

Jean-François BILGER 29 Feb 12 20:28 GMT-0000
The problem is in lib/core/WikiParser in the function outputLink. Description is protected with htmlentities. I don't know how to fix it. A kick workaround is to deactivate htmlentities.
You should ask lph or jonnyb.

pezzacolori 06 Mar 12 09:04 GMT-0000
Thanks for locating the problem. How can I deactivate htmlentities?

Jean-François BILGER 06 Mar 12 11:11 GMT-0000
By editing lib/core/WikiParser/OutputLink.php

```php
private function outputLink( $text, array $attributes )
{
    if ( $this->qualifier ) {
        $attributes["class"] .= ' ' . $this->qualifier;
        $this->Qualifier;
    }

    $string = '<a';
    foreach ($attributes as $attr => $val) {
        $string .= ' $attr="" .
            htmlentities($val, ENT_QUOTES,
            'UTF-8', false) . '"';
    }

    // $string .= '>';
    htmlentities($text, ENT_QUOTES,
```
Attachments

<table>
<thead>
<tr>
<th>filename</th>
<th>created</th>
<th>hits</th>
<th>comment</th>
<th>version</th>
<th>filetype</th>
</tr>
</thead>
</table>

No attachments for this item

The original document is available at https://dev.tiki.org/item3810-Wiki-link-with-equation-tag-fails