Bugs & Wish list
Incorrect URLs on IIS installs in document root | Tiki Wiki CMS Groupware :: Development
Incorrect URLs on IIS installs in document root

Status
 Closed

Subject
Incorrect URLs on IIS installs in document root

Version
2.x
3.x
4.x

Category
• Error
• Usability
• Patch
• Support request
• Documentation (or Advocacy)
• Consistency

Feature
All / Undefined
Installer (profiles, upgrades and server-related issues)
OS independence (Non-Linux, Windows/IIS, Mac, BSD)

Submitted by
thebookdoc

Volunteered to solve
Philippe Cloutier

Lastmod by
Philippe Cloutier

Rating
★★★★★★★★★★★★★★★★★★★★★★★★★★★★★ (0) ?

Description
This bug is tied to
http://dev.tikiwiki.org/tiki-view_tracker_item.php?itemId=1964&trackerId=5&show=view

I have had various issues navigating my wiki seemingly because $base_url is not getting built correctly, or at all. The first of these issues happens at login where the user puts in a bad username or password. The redirect to the error page fails on Firefox and has a URL with doubled forward slashes after the domain because the $base_url is not getting passed. URLs get built as follows (where 'example.com' is my domain):

Firefox:

http://example.com\/tiki-error.php?error=Invalid+username

IE:
This happens with relative URLs all over tikiwiki in my installation, which is a WAMP with virtualHost entries in the httpd.conf to resolve 2 distinct domains on the same server.

Solution
I fixed this in branch 5.x. Tiki 5.0 should be OK. Thank you mitchp.

Workaround
So far the only partial solution I have found is to add the $base_url declaration to the template page header, like so:

```
<script>
    function define_baseurl() {
        $base_url = "http://example.com"
    }
</script>
```

This is a partial solution as it does not resolve issues where I add RSS feeds via a module to a page (as these apparently get built with relative rather than absolute URLs).

Importance
9 high

Priority
45

Demonstrate Bug (Tiki 19+)
Please demonstrate your bug on show2.tikiwiki.org

Version: trunk

Ticket ID
2250

Created
Tuesday 06 January, 2009 14:50:41 GMT-0000
by Unknown

LastModif
Saturday 15 May, 2010 04:30:28 GMT-0000

Comments

felix hruschka 10 Feb 09 01:18 GMT-0000
I had similar problems with \s on a win2003 hosted server with 1.9.11 with the construction of $docroot in tiki-setup.php.

This problem with the win2003 was moved to tikisetup.class.php in version 2.2 with $docroot finding the root directory of the hosting account, but not its wwwroot folder. Additionally tiki-setup.php produces now a $tikiroot with \ at the end.
I too fixed this installation with hardcoded addresses. I never had any similar problems with installations of the same versions on a FreeBSD server ... so it is probably not a configuration issue.

Proposal:
There are so many different server environments, that I imagine it very hard to code 100% foolproof algorithms for these setup parameters. Wouldn’t it be possible to put them optionally in the local.php file, I mean:

If the user puts all these $xxxx strings in the local.php, then TikiWiki should simply skip retrieving them from the server. If they are not in the local.php, then everything runs as currently.

Advantage:
- For the 99.9% of “normally” behaving servers, the automatic configuration does all the work.
- If the server setup is an odd one, then the installation can be configured instead of being “fixed”.
- If the user knows the setup parameters and is a tech-freak, he/she can put them into local.php and probably gain some performance as as no code needs to be executed (I guess?).
- The developer team can save time (It’s fine if TikiWiki runs out of the box in 99.9% of all environments)

All the best and thanks for your great work!!!
Felix

thebookdoc 20 Feb 09 13:58 GMT-0000

threads:
http://tikiwiki.org/tiki-view_forum_thread.php?topics_offset=1&forumId=4&comments_parentId=31557
http://tikiwiki.org/tiki-view_forum_thread.php?topics_offset=1&forumId=4&comments_parentId=31259
http://tikiwiki.org/tiki-view_forum_thread.php?topics_offset=1&forumId=4&comments_parentId=31401

Bugs:
http://dev.tikiwiki.org/tiki-view_tracker_item.php?itemId=1964
http://dev.tikiwiki.org/tiki-view_tracker_item.php?itemId=2250
http://dev.tikiwiki.org/tiki-view_tracker_item.php?itemId=2224

thebookdoc 10 Mar 09 16:04 GMT-0000

http://tikiwiki.org/tiki-view_forum_thread.php?forumId=6&comments_parentId=32179&thread_sort_mode=commentDate_asc&was_queued=n

mitchp 13 Aug 09 23:44 GMT-0000

I changed $base_url which worked around some of the issues on my Windows XP/Apache/PHP/MySQL implementation, but there are lots of places where the URL is built as "http://mywiki/..."

Are all of these relative URLs built off of something in absolute_urls.php? Or are they generated in the invidiual modules, etc?

If it’s just in absolute_urls, I’ll see if I can fix it.
The issue seems to be when a var is set to dirname($_SERVER'PHP_SELF') the var is "\\", but really, you just want it to be ""!

So, I searched for all the dirname($_SERVER'PHP_SELF') in TikiWiki and made the following hacks that seem to fix the problem.

tiki-filter-base.php after line 57, insert:

if($tikiroot == '\') $tikiroot = ''; // mdp

lib/smarty_tiki/block.self_link.php after line 56, insert:

if($self_dir == '\') $self_dir = ''; // mdp

lib/smarty_tiki/function.query.php after line 138, insert:

if($php_self == '\') $php_self = ''; // mdp

tiki-login_openid.php change functions getReturnTo() and getTrustRoot() to:

function getReturnTo() { // {{
 $dn = dirname($_SERVER'PHP_SELF'); // mdp
 if($dn == '\') $dn = ''; // mdp
 $string = sprintf("NaVs:%s%s/tiki-login_openid.php?action=return",
 getScheme(), $_SERVER'SERVER_NAME',
 $_SERVER'SERVER_PORT',
 $dn); // mdp
 if( isset( $_GET'action' ) && $_GET'action' == 'force' )
 $string .= '&force=true';

 return $string;
 } // }}

function getTrustRoot() { // {{
 $dn = dirname($_SERVER'PHP_SELF'); // mdp
 if($dn == '\') $dn = ''; // mdp
 return sprintf("NaVs:%s%s",
 getScheme(), $_SERVER'SERVER_NAME',
 $_SERVER'SERVER_PORT',
 $dn);
 } // }}

I tried applying mitchp's fix, but it hasn't helped, it would be better to give a line number and the expected text of that line, as I'm pretty sure "block.self_link.php after line 56" isn't the correct location.
anymore.

I downloaded (what I think) is the latest version 4.1 from sourceforge of tikiwiki.

The original document is available at
https://dev.tiki.org/item2250-Incorrect-URLs-on-IIS-installs-in-document-root