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:

```html
<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

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

Version: trunk
Create show2.tikiwiki.org instance

Ticket ID
2250

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

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`с 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.

(PHP hacker in my spare time PHPed and/or Eclipse user...)

mitchp 16 Aug 09 19:26 GMT-0000
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", 
getScheme(), $_SERVER'SERVER_NAME',
$_SERVER'SERVER_PORT',
$dn);
} // }}

AJStevens 16 Dec 09 17:06 GMT-0000

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.

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>
<td></td>
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</tbody>
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No attachments for this item