

# Workarounds for some IIS issues

I'm not sure if this is an actual fix, or just a workaround.

So until somebody advises, here's a couple of workarounds for problems that I've encountered with running Tiki on Windows with IIS.

## missing SCRIPT\_FILENAME

IIS doesn't seem to have this variable.

Therefore tiki-setup.php and tiki-install.php fail.

This pretty much stops you from running even the installation.

You can create this variable yourself by copying content from SCRIPT\_NAME:

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```
$_SERVER['SCRIPT_FILENAME'] = $_SERVER['SCRIPT_NAME'];
```

# Problems with malformed URLs

Some URIs on IIS are malformed. They get an additional slash before the '?' sign to separate parameters from the page name.

e.g. tiki-browse\_image.php/?imageld=2 instead of tiki-browse\_image.php?imageld=2

This issue pretty much disables the whole Galaxia engine on IIS.

It is caused by malformed information in REQUEST\_URI.

You can fix this by creating your own REQUEST\_URI from PATH\_INFO and QUERY\_STRING.

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```
$_SERVER['REQUEST_URI']=$_SERVER['PATH_INFO']; if (isset($_SERVER['QUERY_STRING'])) { $_SERVER['REQUEST_URI'] .= '?' .  
    $_SERVER['QUERY_STRING']; }
```

Simple and effective, isn't it? 😊

Now as this is really only a workaround, the way I use this is to put these two fixes into a separate file, e.g. bb\_WindowsFixes.php, and include\_once them at the beginning of tiki-setup.php and tiki-install.php

And here's how the whole fix file looks:

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```
<?php $_SERVER['SCRIPT_FILENAME'] = $_SERVER['SCRIPT_NAME']; $_SERVER['REQUEST_URI'] = $_SERVER['PATH_INFO']; if  
    (isset($_SERVER['QUERY_STRING'])) { $_SERVER['REQUEST_URI'] .= '?' . $_SERVER['QUERY_STRING']; } ?>
```

I hope this piece of simple code will be helpful

# additional comment

However one should note that this fix is valid for IIS when PHP is called in the CGI/FASTCGI mode (php.exe)

If for speed reasons PHP is called in ISAPI Mode (and you will notice the difference immediately) then there is quite another set of "server\_variables" and the fix has to be altered:

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CGI mode: `$_SERVER['REQUEST_URI']=$_SERVER['PATH_INFO'];` ISAPI mode: `$_SERVER['REQUEST_URI']=$_SERVER['URL'];`