Windows IIS Install

This is an installation guide. This page needs to be refactored **Tikiwiki 19 on IIS**

I am developing a complete set of instructions for Tiki 1.9 that will be available when 1.9 comes out. These are the steps I used when I installed a fresh copy of Tiki19 on IIS 5 and IIS 6.

I followed the instructions on the IISInstall page when I first started using Tiki back at version 1.6, so be sure that you ollow them if this is your first time setting up Tiki on your system. I've included a portion of the code samples from the IISInstall page below.

STEP 1

Download and unpack the contents of the 19 distribution into a folder.

STEP 2

Create the IIS virtual directory for the IIS server, pointing to the directory where Tiki19 was placed. STEP 3

Edit the tiki-install.php and tiki-setup.php files accordingly:

 Edit c:\tikiwiki_*\tiki-install.php (the actual directory depends on which version you have installed)

- You will need to use a UNIX-linefeed-friendly editor. I use Crimson Editor
- Change the line: \$docroot = dirname(\$_SERVER['PATH_TRANSLATED']);
- To: \$docroot = dirname('c:/tikiwiki_*'); // Specify the real directory based on the Tikiwiki version
- Edit c:\tikiwiki_*\tiki-setup.php (the actual directory depends on which version you have installed)
 - You will need to use a UNIX-linefeed-friendly editor. I use Crimson Editor

- Change the line: \$docroot = dirname(\$_SERVER['PATH_TRANSLATED']);
- To: \$docroot = dirname('c:/tikiwiki_*'); // Specify the real directory based on the Tikiwiki version
- Change

```
// Fix IIS servers not setting what they should set
if(!isset($_SERVER['QUERY_STRING']))
$_SERVER['QUERY_STRING']='';
if(!isset($_SERVER['REQUEST_URI'])||empty($_SERVER['REQUEST_URI']
))
{
    $_SERVER['REQUEST_URI'] = $_SERVER['PHP_SELF'] . '/' .
    $_SERVER['QUERY_STRING'];
}
```

```
To:
```

STEP 4

Search the tiki-setup.php file for the following line:

Before the change

\$smarty->assign('feature_bidi', \$feature_bidi);

Edit it to look like that:

After the change

\$feature_bidi = 'n'; \$smarty->assign('feature_bidi', \$feature_bidi);

STEP 5

Search the tiki-setup.php file for the following: \$docroot/\$dir/\$tikidomain and comment out the section of code:

| / | 1 | foreach (\$dirs as \$dir) { |
|---|----|--|
| / | 1 | if (!is_dir("\$docroot/\$dir/\$tikidomain")) { |
| / | '/ | <pre>\$errors .= "The directory '\$docroot/\$dir/\$tikidomain' does not exist.\n";</pre> |
| / | '/ | } else if (!is_writeable("\$docroot/\$dir/\$tikidomain")) { |
| / | '/ | <pre>\$errors .= "The directory '\$docroot/\$dir/\$tikidomain' is not writeable by \$wwwuser.\n"</pre> |
| / | '/ | } |
| 1 | 1 | } |
| | | |

STEP 6

Open up the Tiki web site from a browser to begin the setup process.

older version (circa 1.7)

- See UpgradeTo18 for upgrading from 1.7 to 1.8
- If you are installing Tikiwiki 1.9, see

Issues

- 1. There's an error message after adding a blog, but the blog is added correctly
- 2. Don't use the Mozilla theme or you'll be sorry
- 3. Office documents don't properly download from IE. Right click on the attachment and choose "Save Target As..."
- 4. You'll get an error message if you click on "last forum topics" on the right and try to edit the post
 - Renavigate to the post using the forum list and then edit the post

5. Reading a forum thread that doesn't have any comments results in the right sidebar being displayed underneath the left sidebar

These issues are relating to Internet Explorer usage, not IIS specifically - Damian Installing IIS

- Go to the control panel, add/remove programs, and click the add/remove Windows Components button
- Select IIS
- You may need to reboot
- Go to the start menu, followed by Windows Update
- Install all service packs and critical updates

Installing MySQL

- Download MySQL
- How to install mySQL on Windows
- Install MySQL as a service as described in the above link
- By default, it is possible to log into MySQL with no username or password. I don't know how to change this behavior, but it's not a recommended configuration.

Installing TikiWiki

If you are installing Tiki 1.8 or later, don't follow these instuctions and move to the next section

- Download TikiWiki
- Using WinZip, extract to c:\ using folder names

• Versions prior to 1.8 only Enter the following from the command line:

- cd /d c:\tikiwiki_* (the actual directory depends on which version you have installed)
- mkdir templates_c
- Go to Windows Explorer and modify the security for the folder c:\tikiwiki_*\templates_
- Allow write access for the users whose names start with IUSR and IWAM
- Note: 2004-10-01 Installed current stable version (1.7.8) and also had to allow write access to the tikiwiki base directory.

• Versions 1.8 and later only Enter the following from the command line:

- cd /d c:\tikiwiki_* (the actual directory depends on which version you have installed)
- cd lib
- mkdir \php4
- xcopy /i /e pear \php4
- Edit c:\tikiwiki_*\tiki-install.php (the actual directory depends on which version you have installed)
 - You will need to use a UNIX-linefeed-friendly editor. I use Crimson Editor
 - Change the line: \$docroot = dirname(\$_SERVER['SCRIPT_FILENAME']);
 - To: \$docroot = dirname('c:/tikiwiki_*'); // Specify the real directory based on the Tikiwiki version
- Edit c:\tikiwiki_*\tiki-setup.php (the actual directory depends on which version you have installed)
 - You will need to use a UNIX-linefeed-friendly editor. I use Crimson Editor
 - Change the line: \$docroot = dirname(\$_SERVER['SCRIPT_FILENAME']);

 To: \$docroot = dirname('c:/tikiwiki_*'); // Specify the real directory based on the Tikiwiki version

Change

```
// Fix IIS servers not setting what they should set (ay ay
IIS, ay ay)
if(!isset($_SERVER['QUERY_STRING']))
$ SERVER['QUERY STRING']='';
if(!isset($ SERVER['REQUEST URI'])||empty($ SERVER['REQUEST URI']
))
 $_SERVER['REQUEST_URI'] = $_SERVER['PHP_SELF'] . '/' .
$_SERVER['QUERY_STRING'];
To:
// Fix IIS servers not setting what they should set (ay ay IIS, ay ay)
if (TikiSetup::os() == "windows")
{
        $uri = $ SERVER["REQUEST URI"];
        $len = strlen($uri);
        if (substr($uri, $len -1) == "/")
        {
                $uri = substr($uri, 0, $len -1);
        }
        else
        {
                $uri = substr($uri, 0, $len - strlen($_SERVER["QUERY_STRING"]) -1);
                $uri = $uri . "?" . $_SERVER["QUERY_STRING"];
        $_SERVER["REQUEST_URI"] = $uri;
}
```

Installing PHP 4.x

- See also InstallEasyPhpAndTiki
- Download page is here

There are two ways to use PHP. CGI or ISAPI.

ISAPI

- $\boldsymbol{\cdot}$ Follow these instructions
- Copy php.ini to c:\winnt

CGI

- Download and run the setup program
- Install PHP to c:\php
- Ignore errors regarding "missing OCX"
- Run Start/Program Files/Administrative Tools/Internet Services Manager
- Navigate to your web site
- Right-click on Default Web Site and select New/Virtual Directory
 - Directory name: tiki
 - Directory location: c:\tikiwiki_* (actual directory depends on which version you installed)
 - Check the "Execute" check box
- Right-click on Default Web Site again
 - Go to the Home Directory Tab
 - Click the Configuration... button
 - Click Add
 - Executable: c:\php\php.exe
 - Extension: .php

Both

- Modify c:\winnt\php.ini
- Search for "SMTP" and enter your SMTP server and return email address

Testing PHP

 \cdot This page contains a simple PHP script. Copy everything between < php and ? >

- (inclusive) to the file c:\tikiwiki_*\test.php (actual directory depends on which version you installed)
- Fire up your browser and go to http://localhost/tiki/test.php
- You should see a page that contains all the holidays in the current year if not, review this documentation with the actual steps you performed

Configuring and Testing TikiWiki

- Open a browser and go to http://localhost/tiki/tiki-install.php
 - The password for the admin account is 'admin'
- Create a tiki database
- Go to http://localhost/tiki/index.php
- Log in as admin/admin and promptly change the password
- It is recommended that you delete c:\tikiwiki_*\tiki-install.php or move it to a folder that isn't accessible via the web

Enjoy Using TikiWiki!

please also see: lisTroubleshooting lisWorkarounds