Virtual Hosting Install

This is an Installation Guide.

This page is out of date from before multitiki functionality added in 1.7. Refer to MultiTiki for recent information.

This page documents how to set up multiple Tiki sites with virtual hosting on Apache, using a single copy of the Tiki code. For a single installation on a virtual server see: Installation.

In this example let's host 4 domains:

- *feu.org* is a community website
- *localis.org* is a developers website
- *cynt.org* is a personal website
- *tikiwiki.org* is a free software development community

Create Tiki databases

Set up 4 separate databases in the normal fashion.

Setup Virtual Hosting in Apache

Edit Apache *virtualhost* settings (I stripped rewrite rules stuff that you can find elsewhere) where :

IP	your server IP or * if you use the))NameVirtualHost((directive
DOMAIN	your domain name (*feu.org*, for example)
DOCROOT	where you have put your tikiwiki source tree (*/usr/local/tikiwiki*, for example)

Order allow,deny Allow from all # put one block like this per hosted domain ServerName DOMAIN ServerAlias www.DOMAIN DocumentRoot DOCROOT ErrorLog /var/log/apache/DOMAIN-error_log Customlog /var/log/apache/DOMAIN-access_log combined php_flag magic_quotes_gpc Off php_value "include_path" ".:lib:lib/pear:/usr/share/pear" order deny,allow deny from all order deny,allow deny from all

Create Directories

Then create the required directories. The best way to do this is to run the **setup.sh** command with extra parameters. Its usage is

./setup.sh user [group] [rights] [list of virtual host domains]

user and *group* are those of the Webserver. Our example would look like this:

```
setup.sh mose www-data 02775 feu localis cynt tiki
```

Alternatively, you can create the required directories manually like this:

mkdir backups/feu mkdir backups/localis mkdir backups/cynt mkdir backups/tiki mkdir templates_c/feu mkdir templates_c/localis mkdir templates_c/cynt mkdir templates_c/tiki mkdir modules/cache/feu mkdir modules/cache/localis mkdir modules/cache/cynt mkdir modules/cache/tiki chown -R www-data:mose template_c modules/cache

Edit Database Configuration

You need to edit the file which contains database/s information (**db/local.php**).

If this is the first time you install tiki on your document root, then the easiest way is to point your browser to the Web address that corresponds to the file *tiki-install.php* in the Tiki document root you created above.

- E.g. http://localhost/tiki/tiki-install.php
  This will create that file for you through filling some fileds through a web interface
- If you have problems you should check InstallTikiUnderSafeMode

Then edit the file **db/local.php** (there are some commented tips in file **db/tiki-db.php**) and put something like this (adapt it to your context):

```
$host_tiki="localhost"; $user_tiki="root"; $pass_tiki=""; if ($_SERVER["HTTP_HOST"] == "feu.org")
{ $dbs_tiki = 'feu'; $tikidomain = 'feu'; } elseif ($_SERVER["HTTP_HOST"] == "localis.org") {
$dbs_tiki = 'localis'; $tikidomain = 'localis'; } elseif ($_SERVER["HTTP_HOST"] == "cynt.org") {
$dbs_tiki = 'cynt'; $tikidomain = 'cynt'; } elseif ($_SERVER["HTTP_HOST"] == "tikiwiki.org") {
$dbs_tiki = 'tiki'; $tikidomain = 'tiki'; } else { // default case, your choice is to block or open to a
default domain }
```

Now you are ready to test it (you did restart Apache, right?).

For my own convenience I also set up a directory, **local/**, with one subdirectory for each domain for disk storage of contents (set in Tiki **admin** panels).

Templates are common to all four Tikis. One theme per site is maybe the right solution.

Any suggestions or corrections to this page are welcome!