

## InstallVirtualHosting

### 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This page is out of date from before multitiki functionality added in 1.7.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

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#### Create Tiki databases

Set up 4 separate databases in the normal fashion.

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#### 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 <code>NameVirtualHost</code> directive
DOMAIN	your domain name ( <i>feu.org</i> , for example)
DOCROOT	where you have put your tikiwiki source tree ( <i>/usr/local/tikiwiki</i> , for example)

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```
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
```

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#### 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

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```
./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:

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```
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
```

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#### 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 fields 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):

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```
$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!