

This is an [Installation](#) guide. Caution: This page is out of date, last changed in 2003.

HowTo: Installing the))TikiWiki((CMS on a Mitel SME 5.6 Server

These are the steps I took to install tikiwiki (<http://www.tiki.org/>) on my Mitel SME 5.6 Developer Release. There may be redundancy in some of these steps, or some weak security practices. Please let [me](#) know if you have any suggestions or improvements.

All of the below commands (in monospace) should be performed as root from a terminal session on your SME server.

1) Set up all your ibays with a PHPBaseDir (you need to do all of them to work around some later version PHP issues I encountered). In my case I went with using / as the PHPBaseDir, but you could also use /home/e-smith/files. You need to be aware of this when setting up tiki's tmp directory.

- `/sbin/e-smith/db accounts setprop <ibayname> PHPBaseDir /`
- `/sbin/e-smith/signal-event ibay-modify <ibayname>`

2) Up your default php memory allotment (I changed mine to 16M)

- `mkdir /etc/e-smith/templates-custom/etc/php.ini`
- `cp /etc/e-smith/templates/etc/php.ini/20ResourceLimits /etc/e-smith/templates-custom/etc/php.ini/20ResourceLimits`
- `pico /etc/e-smith/templates-custom/etc/php.ini`

```
change  my $ml = db_get_prop($confref, 'php', 'MemoryLimit') || "8M";
to      my $ml = db_get_prop($confref, 'php', 'MemoryLimit') || "16M";
```

```
change  my $et = db_get_prop($confref, 'php', 'MaxExecutionTime') || "30";
to      my $et = db_get_prop($confref, 'php', 'MaxExecutionTime') || "60";
```

- `cp /etc/e-smith/templates/etc/php.ini/50PathsDirectories /etc/e-smith/templates-custom/etc/php.ini/50PathsDirectories`
- `pico /etc/e-smith/templates-custom/etc/php.ini/50PathsDirectories`

```
change      include_path = ".:usr/share/php"
to          include_path = ".:usr/share/pear"
```

- `/sbin/e-smith/expand-template /etc/php.ini`

3) Make edits to httpd.conf to point to correct pear files (suggested by <http://www.e-smith.org/bboard//read.php?v=t&f=3&i=24710&t=24710>)

- `cp /etc/e-smith/templates/etc/httpd/conf/httpd.conf/95AddType00PHP2ibays /etc/e-smith/templates-custom/etc/httpd/conf/httpd.conf/95AddType00PHP2ibays`
- `pico /etc/e-smith/templates-custom/etc/httpd/conf/httpd.conf/95AddType00PHP2ibays`

```
change  "php_admin_value open_basedir $basedir\n";
to      "php_admin_value open_basedir $basedir:usr/share/pear\n";
```

- `/sbin/e-smith/expand-template /etc/httpd/conf/httpd.conf`

4) Download the latest tiki package from www.tiki.org, install into your ibay

- `cd /home/e-smith/files/ibays/<ibayname>/files`
- `wget http://unc.dl.sourceforge.net/sourceforge/tikiwiki/tikiwiki_1.7.2.tar.gz`
- `tar zxvf tikiwiki_1.7.2.tar.gz`

5) Copy the files into your ibay root html folder (or you could `cp -R` the tiki_1.7.2 directory to the html dir)

- `cd ../html`
- `cp -Ru ../files/tikiwiki_1.7.2/* .`

6) Edit tiki files to allow tiki to run under php safemode (from <http://www.tiki.org/tiki-index.php?page=InstallTikiUnderSafeMode>)

- `pico tiki/Smarty/Smarty.class.php`
- on line 286:

```
change      var $use_sub_dirs = true;
to          var $use_sub_dirs = false;
```

7) Change the permissions of the files so they will run properly in the ibay (look to see what the existing perms are for that Ibay, and copy them)

- `chmod -R 2770 /home/e-smith/files/<ibayname>/html`
- `chown -R admin:<ibaygroupname> /home/e-smith/files/<ibayname>/html`

8) Set up your database

- `mysql_setpermission`

9) In a web browser, connect to <http://<yourserv>/<ibayname>/tiki-setup.php> and enter in the appropriate info for:

- tmp directory (make sure its in your PHPBaseDir)
- Database (based on step 8)

That should do it. Please let [me](#) know if you have any updates/corrections to make to this, and I will update accordingly.