

Needs review. screenshots need to be updated to latest 2.0.

# Upgrade 1.9.x to 2.x

This document is intended to those upgrading from a Tiki site running version 1.9.x to the latest 2.x branch, and also to those upgrading from earlier versions of branch 2.x (e.g, 2.0, 2.1) to the latest stable version (2.2, at the moment of writing this note).

Please note that everywhere where it says version 1.10 in the screenshots, you have to read it as if it said the current branch 2.0 (1.10 was renamed in July 2008 as 2.0)

## First Backup whole filesystem and database

### Upgrade:

Download the tar-ball as [tar.bz2](#) or [zipped file](#)  
or use the [svn version](#)

```
svn co https://tikiwiki.svn.sourceforge.net/svnroot/tikiwiki/branches/2.0
```

Have it transferred to your server. We assume that you have not changed any tikiwiki-files (php, tpl, ... -files); if you have, then make a backup of your modified files, to put them back to your installation after the basic upgrade is performed.

### Upgrade in the same directory

1. Untar it somewhere  
(windows users might like to use the free software program [7-zip](#), translated to many languages, for decompressing any of those file formats)
2. copy it over your existing tikiwiki source (replace files)
3. **New in Tiki >= 2.0rc1**: Rename your current `./db/local.php` file to something else (for instance, `./db/local_backup.php`). Otherwise, the next step might show just a blank screen to you if the database cited in `local.php` comes from a 1.9.x installation, as it should if you are reading this specific upgrade page.
4. Run **tiki-install.php** (or **tiki-install.php?lang=XX** to have the installation messages in a [language](#) other than English, if it has been translated already) to login as admin

Tiki installer v2.0 RC2	
<b>Tiki cannot find a database connection</b>	
Please enter your database connection information:	
Database type: <input type="text" value="MySQL Improved (mysql). Requires MySQL 4.1+"/>	Select the type of database to use with Tiki. Only databases supported by your PHP installation are listed here. If your database is not in the list, try to install the appropriate PHP extension.
Host: <input type="text" value="localhost"/>	Enter the hostname or IP for your database. Use <b>localhost</b> if the database is running on the same machine as Tiki. For SQLite, enter the path and filename to your database file.
Database name: <input type="text"/>	Enter the name of the database that Tiki will use. The database must already exist. You can create the database using mysqladmin, PHPMyAdmin, cPanel, or ask your hosting provider. Normally Tiki tables won't conflict with other product names. For Oracle: • Enter your TNS Name here and leave Host empty. or • Override tnsnames.ora and put your SID here and enter your hostname:port in the Host field.
Database User: <input type="text"/>	Enter the database user with administrator permission for the Database.
Password: <input type="text"/>	Enter the password for the database user.
<input type="button" value="Connect"/>	

After that, you will see the main install & upgrade screen

**Welcome to the installation & upgrade script!**

Reinstall database.

**Warning:** This will destroy your current database.

**Upgrade**

**Important:** Backup your database with mysqldump, phpmyadmin, or other before upgrading.

Update database using script:

tiki-secdb\_2.0\_mysql.sql

tiki\_1.8to1.9.sql

tiki\_1.9to2.0.sql

**Upgrade**

To upgrade from:	Use this script:
2.0.x	tiki_1.9to2.0
1.9.x or 1.8.x	tiki_1.8to1.9 Then rerun the installer using tiki_1.9to2.0.
1.7.x	See <a href="#">Tiki database 1.7.x to 1.8.x instructions</a> .

For information about **tiki-secdb\_\*.sql** files, please see <http://doc.tikiwiki.org/Security+Admin>.

5. If you were not using the latest stable version of Tiki 1.9.x, in **Upgrade** section, select **tiki\_1.8to1.9.sql** (this will give you the latest DB structure)
6. In **Upgrade** section, select **tiki\_1.9to2.0.sql** (This will give you 2.0.y database structure if you are coming from a 1.9.x Tiki, or the latest 2.x structure, if coming from an earlier version of 2.x branch; e.g., from 2.0, or 2.1 to 2.2 or whatever version number is the latest stable version from 2.x branch)

**Upgrade**

**Important:** Backup your database with mysqldump, phpmyadmin, or other before upgrading.

Update database using script:

tiki-secdb\_2.0\_mysql.sql

tiki\_1.8to1.9.sql

tiki\_1.9to2.0.sql

**Upgrade**

7. Click on "**Do nothing and enter Tiki**", at the bottom of the page

### Other Options

- [Do nothing and enter Tiki.](#)
- [Reset database connection settings.](#)

8. log into the tikiwiki as admin and check the preferences
9. empty all the cache in tiki-admin\_system.php
10. done!

## Upgrade on another directory/ database

1. Untar the tar or zip somewhere
2. Duplicate the database in a new one
3. Copy db/local.php and update it with the new database name/login/password.
4. Copy your styles and the templates you have changed in your styles in the new directory
5. Do the adequate update to the templates of your styles. This can be a difficult task. The best is to diff the templates in the 1.9 directory and to report the change in the 2.x directory
6. Copy all your local files . Be careful when creating the directory to have them readable/writable by the server
  1. File gallery directory
  2. Image gallery directory
  3. see this page for the [complete list of directories](#)
7. Run tiki-install.php to upgrade the database or run

sh doc/devtools/sqlupgrade.sh

1. Clear the cache

## Remarks

### Note:

If you were already using some 1.10/2.0 pre-release before December'07, and want to upgrade to the latest 2.0, please note that the permission system for categories has changed (See [Categories Details](#) for more details):

- **Assign tiki\_p\_view\_categories, tiki\_p\_view\_categorized to Anonymous** or whatever group you need it for.
- **Assign tiki\_p\_edit\_categorized to Registered** or whatever group you need it for.
- Also, the categories are using cache extensively, then think to **empty temp/cache/ dir from tiki-admin\_system.php after upgrade.**

Starting in TikiWiki 2.0, preferences format has changed both in the Smarty templates and the php code. This is to make TikiWiki faster and to make it easier for developers.

- All preferences variables that you put in your custom template (For example: templates/styles/mycustomtheme/mycustomtemplate.tpl) need to be renamed. For example, \$feature\_foobar becomes \$prefs.feature\_foobar.
- In your customized php code, all preferences must be changed to \$prefs'..', for instance \$prefs'feature\_foobar'. Do not forget also to change the global to global \$prefs when needed.

If you have highly customized Tiki, you may not want to take the time to change them all. In this case, you can use the option below to maintain the previous behavior. **Preferences Syntax**

### Addendum

---

If you change your mind and you want to make a brand new installation instead of upgrading your existing one, you can click on the "**Reinstall database**" link on the box on the left at tiki-install.php.

This will allow you to select the type of profile and remove your current tiki installation to create a brand new one from scratch at the same time.

**Remember to backup first**, in case you need your old data later on.

The screenshot shows a web interface titled "Welcome to the installation & upgrade script!". It is divided into two main sections: "Install" and "Upgrade".

**Install Section:**

- Warning: This will destroy your current database.
- Text: Create a new database (clean install) with profile:
- Dropdown menu: Default installation profile (selected), BasicEnabled profile for easy use, Slashdot profile.
- Text: See the documentation for [descriptions of the available profiles.](#)
- Button: Install

**Upgrade Section:**

- Important: Backup your database with mysqldump, phpmyadmin, or other before upgrading.
- Text: Update database using script:
- Dropdown menu: tiki-secdb\_2.0\_mysql.sql, tiki\_1.8to1.9.sql, tiki\_1.9to2.0.sql (selected).
- Button: Upgrade

**Upgrade Table:**

To upgrade from:	Use this script:
2.0.x	tiki_1.9to2.0
1.9.x or 1.8.x	tiki_1.8to1.9 Then rerun the installer using tiki_1.9to2.0.
1.7.x	See <a href="#">Tiki database 1.7.x to 1.8.x instructions.</a>

For information about **tiki-secdb\_\*.sql** files, please see <http://doc.tikiwiki.org/Security+Admin>.

## **Change in event & calendar permissions**

Between 1.9.x, and 2.x, a new permission, `tiki_p_view_events` was added. You should add this to the appropriate groups (presumably to those who have the `tiki_p_view_calendar` permission in 1.9.x)