

Configuration

Use this page to set the configuration options for TWiki. Fill in the settings, and then press 'Next'.

■ If you are installing TWiki for the first time

If you just want to get up and running, the only section you need to worry about below is [General path settings](#). You can always come back and configure other settings later.

- | **If your TWiki site is already working**, continue to [browse to the TWiki Reference Manual](#).
 - | You will now need to consider how you are going to manage authentication and access control. See the reference manual sections on [authentication](#) and [access control](#), and the [Security Setup](#) section below.
- | **If you are on an odd platform** there are a lot of topics on TWiki.org describing [how to configure TWiki for different platforms](#).
- | **If you get stuck** there is a lot of support available on [TWikiIRC](#) (irc.freenode.net, channel #twiki) and at [TWiki:Support](#).

Explanation of color codes:

- | Settings marked **like this** are required (they must have a value).
- | Any **errors** in your configuration will be highlighted.
- | **Warnings** are non-fatal, but are often a good indicator that something that is wrong.

Settings Click the buttons below to open each section

[Open all options](#)

Environment variables (read only)

CGI Setup (read only) **1 warning**

Operating system	Windows (MSWin32)	
Perl version	5.8.4, build 810 (ActiveState)	
@INC library path	d:/apache/twiki/lib/CPAN/lib/arch/ d:/apache/twiki/lib/CPAN/lib/5.8.4/MSWin32-x86-multi-thread/ d:/apache/twiki/lib/CPAN/lib/5.8.4/ d:/apache/twiki/lib/CPAN/lib/ d:/apache/twiki/lib c:/Perl/lib c:/Perl/site/lib .	
	This is the Perl library path, used to load TWiki modules, third-party modules used by some plugins, and Perl built-in modules.	
CGI bin directory	d:/apache/twiki/bin	
TWiki module in @INC path	OK, TWiki.pm found (Version: TWiki-4.0.5, Tue, 24 Oct 2006, build 11822)	
Required Perl modules	Error	0.15
	File::Copy	2.07
	Net::SMTP	2.26
	MIME::Base64	3.01
	File::Spec	0.87
	CGI	3.04
	CGI::Carp	1.27
	Algorithm::Diff	1.1901
	FileHandle	2.01
Optional Perl Modules	CGI::Cookie	1.24
	Text::Diff	0.35
	CGI::Session	4.13
	POSIX	1.08
	MIME::Base64	3.01
	Digest::SHA1	2.10
	Digest::MD5	2.33
	Locale::Maketext::Lexicon	0.49
	Encode	1.99_01

PATH_INFO

	<p>For a URL such as http://www.msrttech.com:7001/twiki/bin/configure/foo/bar, the correct PATH_INFO is <code>/foo/bar</code>, without any prefixed path components. Click here to test this - particularly if you are using mod_perl, Apache or IIS, or are using a web hosting provider. Look at the new path info here. It should be <code>/foo/bar</code>.</p>
mod_perl	<p>Not used for this script</p> <p>mod_perl is not loaded into Apache</p>
CGI user	<p>userid = system groups = [Cannot identify groups - no Cygwin 'id' or 'sh' command on path]</p> <p>Your CGI scripts are executing as this user.</p>
Original PATH	<p>c:\program files\imagemagick;C:\Program Files\Mail Enable\BIN;C:\Perl\bin;C:\Program Files\Windows Resource Kits\Tools;C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\Wbem</p> <p>This is the PATH value passed in from the web server to this script - it is reset by TWiki scripts to the PATH below, and is provided here for comparison purposes only.</p>
Current PATH	<p>c:/cygwin/bin</p> <p>This is the actual PATH setting that will be used by Perl to run programs. It is normally identical to {SafeEnvPath}, unless that variable is empty, in which case this will be the webserver users standard path..</p>
patch	<p>It is used by the UpgradeTwiki script to upgrade an existing TWiki installation</p>
PERL5SHELL	<p>This environment variable is used by ActiveState and other Win32 Perls to run commands from TWiki scripts - it determines which shell program is used to run commands that use 'pipes'. Examples of shell programs are cmd.exe, command.com (aka 'DOS Prompt'), and Cygwin's 'bash' (recommended if Cygwin is installed).</p> <p>To use 'bash' with ActiveState or other Win32 Perl you should set the PERL5SHELL environment variable to something like <code>c:/YOURCYGWINDIR/bin/bash.exe -c</code> This should be set in the System Environment, and ideally set directly in the web server (e.g. using the Apache <code>SetEnv</code> directive).</p> <p><u>Warning: ActiveState Perl on IIS does not support safe pipes, which is the mechanism used by TWiki to prevent a range of attacks aimed at arbitrary command execution on the server. You are highly recommended not to use this particular configuration on a public server (one exposed to the internet)</u></p>

General path settings

Operating system

Security setup

Anti-spam measures

Standard TWiki incorporates some simple anti-spam measures to protect e-mail addresses and control the activities of benign robots. These should be enough to handle intranet requirements. Administrators of public (internet) sites are strongly recommended to investigate the [BlackListPlugin](#)

Text added to email addresses to prevent spambots from grabbing addresses e.g. set to 'NOSPAM' to get fred@user.co.ru rendered as fred@user.co.NOSPAM.ru

{AntiSpam}{EmailPadding}

Normally TWiki stores the user's sensitive information (such as their e-mail address) in a database out of public view. It also obfuscates e-mail addresses displayed in the browser. This is to help prevent e-mail spam and identity fraud. If that is not a risk for you (e.g. you are behind a firewall) and you are happy for e-mails to be made public to all TWiki users, then you can set this option.

Note that if this option is set, then the `user` parameter to `%USERINFO` is ignored.

{AntiSpam}{HideUserDetails}

By default, TWiki doesn't do anything to stop robots, such as those used by search engines, from visiting "normal view" pages. If you disable this option, TWiki will generate a META tag to tell robots not to index pages.

Inappropriate pages (like the raw and edit views) are always protected from being indexed.

Note that for full protection from robots you should also use robots.txt (there is an example in the root of your TWiki installation).

{AntiSpam}{RobotsAreWelcome}

Log files

Whether or not to log different actions in the Access log (in order of how frequently they occur in a typical installation). Information in the Access log is used in gathering web statistics, and is useful as an audit trail of TWiki activity.

{Log}{view}	<input type="checkbox"/>
{Log}{search}	<input type="checkbox"/>
{Log}{changes}	<input type="checkbox"/>
{Log}{rdiff}	<input type="checkbox"/>
{Log}{edit}	<input type="checkbox"/>
{Log}{save}	<input type="checkbox"/>
{Log}{upload}	<input type="checkbox"/>
{Log}{attach}	<input type="checkbox"/>
{Log}{rename}	<input type="checkbox"/>
{Log}{register}	<input type="checkbox"/>
File for configuration messages generated by the configure script. (usually very very low volume).	
{ConfigurationLogName}	<input type="text" value="d:/apache/twiki/data/configurationlog.txt"/>
File for debug messages (usually very low volume). %DATE% gets expanded to YYYYMM (year, month), allowing you to rotate logs.	
{DebugFileName}	<input type="text" value="d:/apache/twiki/data/debug.txt"/>
Warnings - low volume, hopefully! %DATE% gets expanded to YYYYMM (year, month), allowing you to rotate logs.	
{WarningFileName}	<input type="text" value="d:/apache/twiki/data/warn%DATE%.txt"/>
Access log - high volume, depending on what you enabled in {Log} above. %DATE% gets expanded to YYYYMM (year, month), allowing you to rotate logs.	
{LogFileName}	<input type="text" value="d:/apache/twiki/data/log%DATE%.txt"/>

Localisation [2 warnings](#)

Store settings

Default store implementation.

- ┆ RcsWrap uses normal RCS executables.
- ┆ RcsLite uses a 100% Perl simplified implementation of RCS. RcsLite is useful if you don't have, and can't install, RCS - for example, on a hosted platform. It will work, and is compatible with RCS, but is not quite as fast.

EXPERT You can manually add options to LocalSite.cfg to select a different store for each web. If \$TWiki::cfg{Store}{Fred} is defined, it will be taken as the name of a perl class (which must implement the methods of TWiki::Store::RcsFile). The TWiki::Store::Subversive class is an example implementation using the Subversion version control system as a data store.

Note: The 'diff' program found on the path is used by RcsWrap to compare revisions

{StoreImpl}	<input type="text" value="RcsWrap"/>
File security for new directories. You may have to adjust these permissions to allow (or deny) users other than the webserver user access to directories that TWiki creates. This is an *octal* number representing the standard UNIX permissions (e.g. 755 == rwxr-xr-x)	
{RCS}{dirPermission}	<input type="text" value="0775"/>
File security for new files. You may have to adjust these permissions to allow (or deny) users other than the webserver user access to files that TWiki creates. This is an *octal* number representing the standard UNIX permissions (e.g. 644 == rw-r--r--)	
{RCS}{filePermission}	<input type="text" value="0644"/>
EXPERT Some file-based Store implementations (RcsWrap and RcsLite for example) store attachment meta-data separately from the actual attachments. This means that it is possible to have a file in an attachment directory that is not seen as an attachment by TWiki. Sometimes it is desirable to be able to simply copy files into a directory and have them appear as attachments, and that's what this feature allows you to do. Considered experimental.	
{AutoAttachPubFiles}	<input type="checkbox"/>
EXPERT Perl regular expression matching suffixes valid on plain text files Defines which attachments will be treated as ASCII in RCS	
{RCS}{asciiFileSuffixes}	<input type="text" value=".(txt html xml pl)\$"/>
EXPERT Set this if you want to use RCS subdirectories instead of storing ,v files alongside the topics. Not recommended.	
{RCS}{useSubDir}	<input type="checkbox"/>
EXPERT Set this if your RCS cannot check out using the -p option. May be needed in some windows installations (not required for cygwin)	
{RCS}{coMustCopy}	<input type="checkbox"/>
Full path to GNU-compatible egrep program. This is used for searching. %CS{-i}% will be expanded to -i for case-sensitive search or to the empty string otherwise. Similarly for %DET, which controls whether matching lines are required. (see the documentation on these options with GNU grep for details).	
{RCS}{EgrepCmd}	<input type="text" value="c:/gnuwin32/bin/grep %CS{-i}% %DET{-i}% -H -E -- %TO"/>
Full path to GNU-compatible fgrep program. This is used for searching.	
{RCS}{FgrepCmd}	<input type="text" value="c:/gnuwin32/bin/grep %CS{-i}% %DET{-i}% -H -F -- %TO"/>
RcsWrap initialise a file as binary. %FILENAME F% will be expanded to the filename. (c:/cygwin/bin/rcs is version 5.7)	
{RCS}{initBinaryCmd}	<input type="text" value="c:/cygwin/bin/rcs -x,v -i -t-none -kb %FILENAME F%"/>

	RcsWrap initialise a topic file. (c:/cygwin/bin/rcs is version 5.7)
{RCS}{initTextCmd}	<input type="text" value="c:/cygwin/bin/rcs -x,v -i -t-none -ko %FILENAME F%"/>
	RcsWrap uses this on Windows to create temporary binary files during upload. (c:/cygwin/bin/rcs is version 5.7)
{RCS}{tmpBinaryCmd}	<input type="text" value="c:/cygwin/bin/rcs -x,v -kb %FILENAME F%"/>
	RcsWrap check-in. %USERNAME S% will be expanded to the username. %COMMENT U% will be expanded to the comment. (c:/cygwin/bin/ci is version 5.7)
{RCS}{ciCmd}	<input type="text" value="c:/cygwin/bin/ci -x,v -m%COMMENT U% -t-none -w%USE "/>
	RcsWrap check in, forcing the date. %DATE D% will be expanded to the date. (c:/cygwin/bin/ci is version 5.7)
{RCS}{ciDateCmd}	<input type="text" value="c:/cygwin/bin/ci -x,v -m%COMMENT U% -t-none -d%DATE "/>
	RcsWrap check out. %REVISION N% will be expanded to the revision number (c:/cygwin/bin/co is version 5.7)
{RCS}{coCmd}	<input type="text" value="c:/cygwin/bin/co -x,v -p%REVISION N% -ko %FILENAME "/>
	RcsWrap file history. (c:/cygwin/bin/rlog is version 5.7)
{RCS}{histCmd}	<input type="text" value="c:/cygwin/bin/rlog -x,v -h %FILENAME F%"/>
	RcsWrap revision info about the file. (c:/cygwin/bin/rlog is version 5.7)
{RCS}{infoCmd}	<input type="text" value="c:/cygwin/bin/rlog -x,v -r%REVISION N% %FILENAME F%"/>
	RcsWrap revision info about the revision that existed at a given date. %REVISIONn N% will be expanded to the revision number. %CONTEXT N% will be expanded to the number of lines of context. (c:/cygwin/bin/rlog is version 5.7)
{RCS}{rlogDateCmd}	<input type="text" value="c:/cygwin/bin/rlog -x,v -d%DATE D% %FILENAME F%"/>
	RcsWrap differences between two revisions. (c:/cygwin/bin/rcsdiff is version 5.7)
{RCS}{diffCmd}	<input type="text" value="c:/cygwin/bin/rcsdiff -x,v -q -w -B -r%REVISION1 N% -r%R "/>
	RcsWrap lock a file. (c:/cygwin/bin/rcs is version 5.7)
{RCS}{lockCmd}	<input type="text" value="c:/cygwin/bin/rcs -x,v -l %FILENAME F%"/>
	RcsWrap unlock a file. (c:/cygwin/bin/rcs is version 5.7)
{RCS}{unlockCmd}	<input type="text" value="c:/cygwin/bin/rcs -x,v -u %FILENAME F%"/>
	RcsWrap break a file lock.
{RCS}{breaklockCmd}	<input type="text" value="c:/cygwin/bin/rcs -x,v -u -M %FILENAME F%"/>
	RcsWrap delete a specific revision. (c:/cygwin/bin/rcs is version 5.7)
{RCS}{delRevCmd}	<input type="text" value="c:/cygwin/bin/rcs -x,v -o%REVISION N% %FILENAME F%"/>
	Path to the directory where the RCS store implementation will create plugin work areas. Plugin work areas are directories that are managed by plugins, for example for temporary files. The directory has to be readable and writable by the webserver user.
{RCS}{WorkAreaDir}	<input type="text" value="d:/apache/twiki/pub/_work_areas"/>
	Set to enable hierarchical webs. Without this setting, TWiki will only allow a single level of webs. If you set this, you can use multiple levels, like a directory tree, i.e. webs within webs. See TWiki.MultiLevelWikiWebs for more details.
{EnableHierarchicalWebs}	<input type="text" value="b"/>
	EXPERT Name of the web where documentation and default preferences are held. If you change this setting, you must make sure the web exists and contains appropriate content, and upgrade scripts may no longer work (i.e. don't change it unless you are certain that you know what you are doing!)
{SystemWebName}	<input type="text" value="TWiki"/>
	EXPERT Name of the web used as a trashcan (where deleted topics are moved) If you change this setting, you must make sure the web exists.
{TrashWebName}	<input type="text" value="Trash"/>
	EXPERT Name of the web where usertopics are stored. If you change this setting, you must make sure the web exists and contains appropriate content, and upgrade scripts may no longer work (i.e. don't change it unless you are certain that you know what you are doing!)
{UsersWebName}	<input type="text" value="Main"/>

Mail and Proxies

Statistics

Miscellaneous settings

EXPERT List of protocols (URI schemes) that TWiki will automatically recognize and activate if found in absolute links. Additions you might find useful in your environment could be 'imap' or 'pop' (if you are using shared mailboxes accessible through your browser), or 'tel' if you have a softphone setup that supports links using this URI scheme. A list of popular URI schemes can be found at http://en.wikipedia.org/wiki/URI_scheme.

{LinkProtocolPattern}

EXPERT Set to enable experimental mirror-site support. If this name is different to MIRRORSITENAME, then this TWiki is assumed to be a mirror of another. You are **highly** recommended not to dabble with this experimental, undocumented, untested feature!

{SiteWebTopicName}

EXPERT Name of site-level preferences topic in the {SystemWebName} web. **If you change this setting you will have to use TWiki and *manually* rename the existing topic.** (i.e. don't change it unless you are **certain** that you know what you are doing!)

{SitePrefsTopicName}	<input type="text" value="TWikiPreferences"/>
<p>EXPERT Web.TopicName of the site-level local preferences topic. If this topic exists, any settings in it will override settings in {SitePrefsTopicName}.</p> <p>You are strongly recommended to keep all your local changes in a {LocalSitePreferences} topic rather than changing TWikiPreferences, as it will make upgrading a lot easier.</p>	
{LocalSitePreferences}	<input type="text" value="Main.TWikiPreferences"/>
<p>EXPERT Name of main topic in a web. If you change this setting you will have to use TWiki to manually rename the topic in all existing webs (i.e. don't change it unless you are certain that you know what you are doing!)</p>	
{HomeTopicName}	<input type="text" value="WebHome"/>
<p>EXPERT Name of preferences topic in a web. If you change this setting you will have to use TWiki to manually rename the topic in all existing webs (i.e. don't change it unless you are certain that you know what you are doing!)</p>	
{WebPrefsTopicName}	<input type="text" value="WebPreferences"/>
<p>EXPERT How many links to other revisions to show in the bottom bar. 0 for all</p>	
{NumberOfRevisions}	<input type="text" value="4"/>
<p>EXPERT If this is set to a > 0 value, and the revision control system supports it (RCS does), then if a second edit of the same topic is done by the same user within this number of seconds, a new revision of the topic will NOT be created (the top revision will be replaced). Set this to 0 if you want all topic changes to create a new revision (as required by most formal development processes).</p>	
{ReplacelfEditedAgainWithin}	<input type="text" value="3600"/>
<p>EXPERT When a topic is edited, the user takes a "lease" on that topic. If another user tries to also edit the topic while the lease is still active, they will get a warning. Leases are released automatically when the topic is saved; otherwise they remain active for {LeaseLength} seconds from when the edit started (or was checkpointed).</p> <p>Note: Leases are not locks; they are purely advisory. Leases can always be broken, but they are valuable if you want to avoid merge conflicts (e.g. you use highly structured data in your topic text and want to avoid ever having to deal with conflicts)</p>	
{LeaseLength}	<input type="text" value="3600"/>
<p>EXPERT Even if the other users' lease has expired, then you can specify that they should still get a (less forceful) warning about the old lease for some additional time after the lease expired. You can set this to 0 to suppress these extra warnings completely, or to -1 so they are always issued, or to a number of seconds since the old lease expired.</p>	
{LeaseLengthLessForceful}	<input type="text" value="3600"/>
<p>EXPERT Pathname to file that maps file suffixes to MIME types : For Apache server set this to Apache's mime.types file pathname, for example /etc/httpd/mime.types, or use the default shipped in the TWiki data directory.</p>	
{MimeTypeFileName}	<input type="text" value="d:/apache/root/conf/mime.types"/>
<p>EXPERT Directory where registration approvals are held. Should be somewhere that is not browsable from the web.</p>	
{RegistrationApprovals}	<input type="text" value="d:/apache/twiki/data/RegistrationApprovals"/>
<p>EXPERT If set, this will cause TWiki to treat warnings as errors that will cause TWiki to die. Provided for use by Plugin and Skin developers, who should develop with it switched on.</p>	
{WarningsAreErrors}	<input type="checkbox"/>

Plugins

The plugins listed below were discovered by searching the @INC path for modules that match the TWiki standard e.g. TWiki/Plugins/MyPlugin.pm. see [Installed Plugins](#) for diagnostics

[BreadCrumbsPlugin](#)

{Plugins}{BreadCrumbsPlugin}
{Enabled}

[CommentPlugin](#)

{Plugins}{CommentPlugin}
{Enabled}

[EditTablePlugin](#)

{Plugins}{EditTablePlugin}
{Enabled}

[EmptyPlugin](#)

{Plugins}{EmptyPlugin}
{Enabled}

[FilterPlugin](#)

{Plugins}{FilterPlugin}{Enabled}

[FlexWebListPlugin](#)

{Plugins}{FlexWebListPlugin}
{Enabled}

[GluePlugin](#)

{Plugins}{GluePlugin}{Enabled}

[IfDefinedPlugin](#)

{Plugins}{IfDefinedPlugin} {Enabled}	<input type="checkbox"/>
InterwikiPlugin	
{Plugins}{InterwikiPlugin} {Enabled}	<input type="checkbox"/>
NatSkinPlugin	
{Plugins}{NatSkinPlugin} {Enabled}	<input type="checkbox"/>
PreferencesPlugin	
{Plugins}{PreferencesPlugin} {Enabled}	<input type="checkbox"/>
RedDotPlugin	
{Plugins}{RedDotPlugin} {Enabled}	<input type="checkbox"/>
RenderListPlugin	
{Plugins}{RenderListPlugin} {Enabled}	<input type="checkbox"/>
SlideShowPlugin	
{Plugins}{SlideShowPlugin} {Enabled}	<input type="checkbox"/>
SmiliesPlugin	
{Plugins}{SmiliesPlugin} {Enabled}	<input type="checkbox"/>
SpreadSheetPlugin	
{Plugins}{SpreadSheetPlugin} {Enabled}	<input type="checkbox"/>
TablePlugin	
{Plugins}{TablePlugin}{Enabled}	<input type="checkbox"/>
TwistyPlugin	
{Plugins}{TwistyPlugin} {Enabled}	<input type="checkbox"/>
WysiwygPlugin	
{Plugins}{WysiwygPlugin} {Enabled}	<input type="checkbox"/>
Plugins evaluation order. If set to a comma-separated list of plugin names, will change the execution order of plugins so the listed subset of plugins are executed first. The default execution order is alphabetical on plugin name.	
{PluginsOrder}	<input type="text" value="SpreadSheetPlugin"/>

Total: [3 warnings](#)