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# TWiki Release 4.2.4 (Freetown), 2008-12-06

*Note: This is the release note for the previous major release version 4.2.X. This note, TWikiReleaseNotes04x00 and TWikiReleaseNotes04x01 are included with 4.3.X because they contain valuable information for people upgrading from earlier versions. Both for the admin and the users. See TWikiReleaseNotes04x03 for the 4.3.X release notes*

## Introduction

TWiki 4.2.0 was released 22 Jan 2008 and introduced some hot new features that make TWiki a better user experience for both beginners and experienced application developers. It also contained quite a number of bugfixes since 4.1.2.

TWiki 4.2.1 is a patch release which only contains bug fixes. More than 150 bugs have been fixed since the release of 4.2.0 in all areas of TWiki.

TWiki 4.2.2, 4.2.3, 4.2.4 are patch releases which only contains bug fixes.

It is highly recommended to upgrade TWiki 4.2.x to 4.2.4. Users will find the 4.2.4 much more stable in daily use.

## Pre-installed Extensions

TWiki 4.2.4 is shipped with

- **Plugins:** CommentPlugin, EditTablePlugin, EmptyPlugin, InterwikiPlugin, PreferencesPlugin, RenderListPlugin, SlideShowPlugin, SmiliesPlugin, SpreadSheetPlugin, TablePlugin, TinyMCEPlugin, TwistyPlugin, WysiwygPlugin
- **Contribs:** BehaviourContrib, JSCalendarContrib, MailerContrib, TipsContrib, TWikiUserMappingContrib, TwistyContrib
- **Skins:** ClassicSkin, PatternSkin

## Supported User Interface Languages

The user interface of this TWiki version is localized to 18 languages:

English (default), Bulgarian (bg), Chinese simplified (zh-cn), Chinese traditional (zh-tw), Czechoslovakian (cs), Danish (da), Dutch (nl), German (de), Finnish (fi), French (fr), Italian (it), Japanese (ja), Polish (pl), Portuguese (pt), Russian (ru), Slovakian (sv), Spanish (es), Ukrainian (uk).

*Note:* TWiki needs to be configured properly to display user interface languages other than the default English language. Details in TWiki:TWiki.InstallationWithI18N and TWiki:TWiki.InternationalizationSupplement .

## New Features Highlights

- **Easier Installation and Upgrade**
  - ◆ New Internal Admin Login feature. See below.
  - ◆ The Main.TWikiUsers topic is no longer distributed as a default topic in Main. See below.
  - ◆ A new directory `working` which per default is located in the twiki root which contains `registration_approvals`, `tmp`, and `work_areas`. See below

- ◆ ResetPassword, ChangePassword, ChangeEmailAddress, and TWikiRegistration no longer contains yellow text that you have to remove.
- ◆ Configure can now authenticate when connecting to local plugins repository.
- **Usability Enhancements**
  - ◆ New WYSIWYG editor based on TinyMCE replaces the Kupu based editor. See below.
  - ◆ New "Restore topic" feature has been added to the *More Topic Actions* menu. You can now much more easily restore an older version of a topic including the values a topic form.
  - ◆ Attachment comments no longer has a limit to the length of the text.
  - ◆ The viewfile script now accepts similar simple URL path as used to access a topic. E.g.  
`http://example.com/twiki/bin/viewfile/TWiki/TWikiDocGraphics/addon.g`  
means the same as  
`http://example.com/twiki/bin/viewfile/TWiki/TWikiDocGraphics?filename`  
This make it simpler to use command line tools like `wget` in Linux to download attachments.
- **Application Platform Enhancements**
  - ◆ Enhancements to IF: allows, ingroup, istopic, and isweb
- **Search Enhancements**
  - ◆ New `query` search mode supports SQL-style queries over form fields and other meta-data.
- **Skins and Templates Enhancements**
  - ◆ The PatternSkin which is the default skin for TWiki has got a face lift.
  - ◆ The template have been heavily refactored. This will break some tailorings and home made skins but it was needed to make it easier to make skins in the future.
- **Miscellaneous Feature Enhancements**
  - ◆ Many new functions in the API for plugin developers.
  - ◆ Table of Content (TOC) feature enhanced
  - ◆ User Mapping (mapping between login name and WikiName) code has been extended to allow pluggable modules to integrate with all sorts of alternative authentication and Management schemes. For normal cases you use the default TWikiUserMapping which is using the Main.TWikiUsers topic to map between login and WikiName. A new BaseUserMapping is provided for TWikis where you only have guests and an administrator. In this case you use the login and password given in configure to login as an admin.

## Important Changes since 4.2.3

This is a fast trip bug fix for issues found during upgrades from 4.2.0 to 4.2.3.

## Highlights of bug fixes since 4.2.1

*TODO*

See the full list of bug fixes at the bottom of this topic.

## Important Changes since 4.2.0

### Perl 5.8 is now minimum requirement with Wysiwyg

In TWiki 4.2.1 the support of international characters has been improved. Especially when using the Wysiwyg editor. This requires that perl internally works with unicode and that the Encode CPAN lib is installed. For this reason Perl 5.8.X is required for Wysiwyg support. TWiki will run with perl 5.6.1 if WysiwygPlugin is

disabled.

## TWiki now installs and works with Perl 5.10.0.

Newer distributions of Linux now ships with Perl 5.10.0. TWiki has been tested with Perl 5.10.0 and it should work fine. If the CGI library is version 3.37 you will need to update it to a newer version as the 3.37 contains some fatal bugs. Simply updating your perl using the standard update feature in your distribution may be enough to cure this problem.

## The RCS files in subdirectories feature removed

The feature related to the config option `TWiki::cfg{RCS}{useSubDir}` has been removed. It never really worked and there are all sorts of issues related to it with respect to distribution of extensions and packaged applications, and it does not really add any performance advantages. So instead of trying to repair a bad feature that never really worked it was decided to remove it.

The removal was announced in a news letter and in a proposal topic, and discussed at several release meetings, and noone objected against its removal.

If you have run TWiki with this feature (maybe with a self implemented fix of the code) you will need to simply copy all the `.v` files in all RCS directories to the directory above (where you find the `.txt` file or the attached file) when you upgrade to 4.2.1.

## The Japanese language file has been renamed

We decided to rename the `locale/jp.po` to `locale/ja.po` to match the rule that the file has the same name as the code for the locale.

For those using the Japanese language file you need to do the following if you upgrade TWiki

- Delete the old `jp.po` file
- Delete the `locale/languages.cache` file (it gets recreated by TWiki first time it runs with language files)
- Rename the entry `$TWiki::cfg{Languages}{jp}{Enabled} = 1;` in the `lib/LocalSite.cfg` to `$TWiki::cfg{Languages}{ja}{Enabled} = 1;`

## Highlights of bug fixes since 4.2.0

- Much more stable Wysiwyg editor
  - ◆ Better support for non-English characters
  - ◆ Better handling of bullet points
  - ◆ Pickaxe feature which enables quick swap between Wysiwyg and raw edit is more stable
  - ◆ Attachment of files within Wysiwyg editor working better
  - ◆ Linking feature fixed
- More stable `EditTablePlugin`
- Better support for UTF8 though UTF8 is still regarded as experimental and features such as wiki words do not work with non-english characters. UTF8 will be a good choice for languages such as Chinese, Japanese and Korean
- Better support for non English charsets
- Easier configuration of language settings in configure
- Renaming of webs much improved
- Compatibility with perl 5.10
- Fixes related to mandatory fields in forms
- Universal edit button with Firefox extension

- Access controls using login ID instead of wikiname which was broken in 4.2.0 works again
- Search features have had a few bugs fixed
- Several bugs related to attaching files have been fixed
- Some cross site scripting possibilities have been eliminated
- Plugins that uses beforeAttachmentSaveHandler now works stable (e.g. BlackListPlugin)
- The feature of having RCS files (the ,v file) in a separate directory never worked. Feature has now been removed as it really does not give any advantages.
- User mapping feature improved to ensure 1:1 mapping between canonical user ID and login ID which is important for security

See the full list of bug fixes at the bottom of this topic.

## Important Changes since 4.1.2

### New WYSIWYG Editor

TWiki now ships with a new WYSIWYG editor based on TinyMCE replaces the Kupu based editor. TinyMCE is not a perfect Wysiwyg editor but it is magnitudes better than the Kupu editor

The WysiwygPlugin that drives the engine behind both TinyMCE has additionally been heavily improved so that less TWiki Applications are negatively affected by editing WYSIWYG

When TinyMCEPlugin is enabled the Edit button per default becomes WYSIWYG editing mode. A new Raw Edit link has been added to enable application developers to edit the good old way

The WYSIWYG button is removed when using TinyMCE instead of Kupu.

### NEWTOPICLINKSYMBOL removed

The NEWTOPICLINKSYMBOL preference which was deprecated in 4.1 has now been removed from the code. If you want to control the appearance of new links, you can use the more flexible NEWLINKFORMAT.

### UserForm and NewUserTemplate Customization

When a new user registers on TWiki his user topic is created based on the `NewUserTemplate` and `UserForm`.

The `NewUserTemplate` was located in the TWiki web and the `UserForm` in the Main web. When upgrading TWiki these were some of the topics you had to take care not to overwrite.

From 4.2.0 the `UserForm` and `NewUserTemplate` are distributed in the TWiki web. If you create the two in the Main web the Main web version will be used instead. So if you tailor the user topic format or the form then you should always copy the two files to the Main web and modify the ones in the Main web. When you later upgrade TWiki your tailored template and form will not be overwritten.

### TWikiUsers no longer distributed

The `Main.TWikiUsers` topic contains all the registered users. It is a topic you do not want to overwrite when you upgrade TWiki.

From 4.2.0 this file is no longer included in the TWiki distribution. When you register the first time TWiki creates the `Main.TWikiUsers` topic in the Main web if it does not exist already. This means that you can now upgrade TWiki without risk of overwriting the important `TWikiUsers` topic.

- For new installers this makes no difference at all
- For upgraders this is one less problem to worry about as your important Main.TWikiUsers topic now no longer gets overwritten when upgrading.

## New working directory

A new directory `working` which per default is located in the twiki root, has been introduced which contains:

- `registration_approvals` - with 4.2.0 it is moved to here from the data directory)
- `tmp` - so we now avoid having to fight with special access rights and `/tmp` directory that gets cleaned out when booting.
- `work_areas` - with 4.2.0 it is moved to here from the pub directory. Configure automatically moved the directory when you upgrade.

Note: Remember to restrict access to this new directory when you upgrade.

## New Internal Admin Login

TWiki 4.2 introduces a new *Internal Admin Login* feature which uses "admin" (configurable) as username and the password from configure to become temporary administrator. When you do a new installation you need to use this feature as Main.TWikiAdminGroup is now access restricted by default to avoid security attacks during the hours an installation may take. From configure there is a link to the TWikiAdminGroup topic and on TWikiAdminGroup the step by step instructions are written in a yellow box.

## Rearchitected User Mapping system (a transperant change for end users)

The User Mapping system has been further rearchitected to reduce its dependance on the traditional TWiki User topic based management and mapping implementation. TWiki is now capable of dealing with login names that are not 7bit ascii (by transforming those logins into a 'cUID' that can be used by rcs). TWiki::Users now uses TWikiIterators opening the way for much larger user sets.

## API Enhancements (Func)

- `$TWiki::Plugins::VERSION` is now 1.2
- Added `decodeFormatTokens($str) -> $unencodedString`
- Added `eachChangeSince($web, $time) -> $iterator`
- Added `eachGroup() -> $iterator`
- Added `eachGroupMember($group) -> $iterator`
- Added `eachMembership($wikiname) -> $iterator`
- Added `eachUser() -> $iterator`
- Added `emailToWikiNames( $email, $dontAddWeb ) -> @wikiNames`
- Added `meta` parameter to `expandCommonVariables( $text, $topic, $web, $meta ) -> $text`
- Added `getCanonicalUserID( $user ) -> $cUID`
- Added `getExternalResource( $url ) -> $response`
- Added `getSessionKeys() -> @keys`
- Added `user` parameter to `getWikiName( $user ) -> $wikiName`
- Added `user` parameter to `getWikiUserName($user) -> $wikiName`
- Added `isAdmin( $login ) -> $boolean`
- Added `isGroup( $group ) -> $boolean`
- Added `isGroupMember( $group, $login ) -> $boolean`
- Added `isTrue( $value, $default ) -> $boolean`

- Added `popTopicContext()`
- Added `pushTopicContext($web, $topic)`
- Added `setPreferencesValue($name, $val)`
- Added `sanitizeAttachmentName($fname) -> ($fileName, $origName)`
- Added `spaceOutWikiWord($word, $sep) -> $text`
- Added `wikiNameToEmails($wikiname) -> @emails`
- Deprecated `getOopsUrl($web, $topic, $template, $param1, $param2, $param3, $param4) -> $url`
- Deprecated `permissionsSet($web) -> $boolean`

## Deprecation Notices

The `%MAINWEB%` and `%TWIKIWEB%` variables have been deprecated. For compatibility reasons they are unlikely to ever be removed completely, but you should use the `%USERSWEB%` and `%SYSTEMWEB%` variables instead.

In Func `getOopsUrl` and `permissionsSet` have been declared deprecated. There is no plan to remove them yet.

## TWiki 4.2.0 Minor Release - Details

The 4.2.0 release was built from SVN <http://svn.twiki.org/svn/twiki/branches/TWikiRelease04x02> revision 16277 (2008-01-22).

### Fixes

Item5252	RenderListPlugin produces warnings with list with no level 1 bullets
Item5246	When using <code>SERVERTIME</code> with <code>\$week</code> in template TWiki fails on missing CPAN lib dependency
Item5245	adding missing docs for <code>NEWLINKFORMAT</code> - introduced in 2006
Item5226	TWikiUserMapping speed re-enhancements
Item5210	EDITTABLE with a simple text input in which the user has put <code>%BR</code> gets truncated at the first BR
Item5123	missing <code>fetchUsers</code> method in <code>Password.pm</code>
Item5121	Performance: Copy hash
Item5046	error link mailto
Item5040	Auto attach has hardcoded the string 'UnknownUser' for the attachment meta user attr
Item5038	TablePlugin prepends 'table' to id parameter
Item5031	"Here" link in <code>merge_notice</code> in <code>templates/messages.tmpl</code>
Item5029	Template.pm prints incomplete and confusing error message
Item5019	if you get a lease conflict when using <code>EditTablePlugin</code> , the oops conflict output link is unusable
Item5009	TWISTY link parameter doesn't support (local) variables (set in topic and used with <code>%</code> ) properly
Item5008	If you register someone you are magically logged in as them
Item5004	AutoAttach created META that will break topic rendering
Item4991	TwistyPlugin: add behaviour earlier to head than <code>twisty.js</code>
Item4989	wrong expansion of deprecated URL tag
Item4986	<code>select+multi+values</code> broken in various respects
Item4973	default skin appears to have javascript in it
Item4972	session files should only be created for web based sessions.
Item4971	taint error when registering and verify is off
Item4944	<code>EditTablePlugin</code> data corruption under <code>mod_perl</code>
Item4941	ChangePassword form does not detect failure when <code>.htpasswd</code> is read-only

Item4939	Pass topicparent when creating a new topic
Item4928	lets use HTTP error codes in rest cgi, rather than rather less useful die's
Item4921	rest cgi is not testing the URL correctly
Item4918	checkpoint-save ignores EDIT_TEMPATE
Item4900	0 is not recognized as valid input in a mandatory form field
Item4898	tmp and working_dir security needs work (docco and code
Item4879	configure not honoring \$TWiki::cfg{ScriptUrlPath}
Item4856	EditTablePlugin: make buttons customizable and translatable
Item4854	EditTablePlugin: undefined textarea size gives error in log
Item4848	EditTablePlugin textarea bug!
Item4846	Installation process SNAFU if you don't set a configure PW
Item4819	viewauth redirect loops to death when Main and TWiki webs both are view denied for TWikiGuest
Item4816	EditPreferences of Main.TWikiPreferences broken
Item4807	swap twikistyle and defaultstyle definitions
Item4797	Online installer not resolving dependencies
Item4794	Wrong link to FileAttachment
Item4793	Login screen has error messages the wrong order
Item4774	When using a field type select+multi in a form used in a template topic, the field doesn't remember the selection
Item4765	Reading static HTML's for upgrade/install is difficult without internet connection/behind firewall
Item4761	Remove inline scripts from pattern skin
Item4756	raw=all does not show all meta when VIEW_TEMPLATE is defined.
Item4753	/bin/twiki is experimental stuff that should not be in distribution
Item4752	Terrifying text appears below plugins list during new extensions install via configure
Item4736	add expires header for css js etc
Item4727	nested web creation is broken (it should prevent the user from creating them if its disabled...)
Item4724	afterEditHandler is never called on "Quiet Save"
Item4722	Unused EXPERT options are always shown
Item4718	Improve the installation doc for how to setup apache config for configure
Item4713	Repackage native search as a conrib, remove from 4.2
Item4702	Lighter top bar background image
Item4694	Standard user topics of TWikiUserMapping are referenced, but not defined
Item4692	Forking search algorithm throws error if topic is nonexistent
Item4680	Print view seems weird in both pattern skin and default skin
Item4677	Search results now have empty line (= html P) between search header and results list
Item4676	Update color scheme to match new neutral table borders
Item4675	Add completePageHandler for plugins
Item4671	default skin is a bit broken
Item4670	close browser advice non-sensical when not using apache login
Item4667	Adding CGI::Session with distribution and enable Template login by default.
Item4664	Web rename renames content as well
Item4661	renaming a topic destroys full qualified topic names
Item4659	Change the strategy of protecting again html attach spam to not harm Wysiwyg editor
Item4658	remove use of undefined variable un utf8 code
Item4605	User shown as Unknown User (Login ID) when author is not in TWikiUsers. Bad feature
Item4590	Rename "Checkpoint" to "Save and Continue"
Item4585	configure generates apache errors
Item4576	Improve how emailing is enabled and disabled in TWiki especially for registration
Item4569	WebSearchAdvanced does not show selected state for default radion button "both"

Item4539	Rename css class TWikiFooterNote to twikiFooterNote
Item4510	Remove inline scripts
Item4509	Prevent [ and ] in topic names when renaming topics
Item4508	ResetPassword, ChangePassword, ChangeEmailAddress, TWikiRegistration needs to be hacked after each upgrade
Item4505	User registration states incorrect user name
Item4493	Inline rdiff between rev 0 and rev 1 is empty
Item4487	As described in TWiki.TWikiScripts auth protect rest
Item4476	Missing error message when registration mail fails to be sent
Item4459	TemplateLogin messages not translated
Item4458	Topic newsletter notifications in MailerContrib fail
Item4453	A Set embedded in a list has problems
Item4449	No (simple) way to create a Set
Item4448	InterwikiPlugin: Change ISBN rule
Item4440	reading the FORMFIELDS of another topic imposes its access rights
Item4439	%INCLUDE breaks enumeration/tables when included topic has file attachments
Item4435	Paragraphs not correctly handled
Item4434	Patch for improper replacing of "0" with "" (empty string) in URLPARAM default value
Item4432	%VAR causes an internal server error
Item4426	HTML embedded in lists breaks the translator
Item4425	Empty bullets get a br tag.
Item4403	Error saving topic message not shown as code because of trailing space
Item4402	Access check based on getWikiUserName (fails) vs. getWikiName (succeeds)
Item4399	Add a note about adding a doc license to footer when installing TWiki
Item4397	Authenticating through REST does not work in MAIN
Item4383	{Register}{NeedVerification} should not be an expert setting and disabled by default
Item4380	mailnotify fails due to TWiki::Merge failing
Item4378	default skin, and thus the classic skin, contains javascript
Item4372	Custom META fields that don't have the name key are ignored by TWiki::Store
Item4355	bulkregistration is unforgiving on TWikiTable format
Item4349	TablePlugin generates invalid html attribute maxcols
Item4347	Empty field values in searches are returned as strings containing "\$value"
Item4335	TablePlugin: TWikiTables in TWikiLists generate invalid html
Item4333	OopsException allows anything from a URL to pass through to the generated HTML incl scripts
Item4332	No error message for duplicate_activation
Item4319	{SafeEnvPath} screws up windows
Item4308	getListOfWebs() and webExists() disagree
Item4300	TablePlugin overrides skin css AGAIN
Item4284	Support topic permissions checking
Item4280	Move hide-if-no-javascript functionality from TwistyPlugin to default templates
Item4271	Update TwistyPlugin with TWiki 4 javascript files
Item4269	Update TwistyContrib with TWiki 4 javascript files
Item4260	Add MAKETEXT to all default templates
Item4258	Get rid of default TH background color
Item4257	Default templates and documentation topics assume pattern CSS classes
Item4250	Pipe symbol (i.e. in SEARCH) breaks Form Definition Table
Item4249	RegistrationApprovals is not a web
Item4243	Malformed META embedded in text can crash TWiki
Item4239	syntax error at /usr/lib/cgi-bin/TEST/lib/TWiki/Users/ApacheHtpasswdUser.pm line 67, near "}"
Item4236	Configure harmless errors confuse people when they have other unrelated errors.

Item4229	Remove deprecated filename attribute from attach template
Item4219	Add correct CSS class to select box
Item4207	Usability: Warn if more than one {WebMasterEmail} e-mail address
Item4204	Document how you become an admin user with new temporary admin login (sudo)
Item4193	Show and hide WYSIWYG buttons based on COMPOSER setting
Item4173	GROUPS variable kills server if there is a large group
Item4166	TwistyPlugin: wrong use of plugin handlers
Item4158	TWikiRegistration does not pass on multiple checkbox element values to UserForm.
Item4157	tick_twiki.pl broken
Item4156	Fixing twiki cgi for logging in
Item4151	Javascript: twiki object overwritten
Item4150	Add global setting to allow non-WikiWords
Item4146	Documentation VarENCODE param typo
Item4143	Remove max length on attachment comment
Item4141	Topic templates are not documented
Item4138	Doc bug in TWikiUpgradeGuide.html
Item4128	Create default directive for non-view pages
Item4126	WebSearch: Fix checkbox state based on url param web=all
Item4088	Add css style to raw textarea
Item4081	Broken Links to Topics and Subwebs
Item4080	Downloading extension via configure sometimes end up in an "Invalid header block" message
Item4071	Add dmg to mime.types
Item4067	Hexadecimal character references do not work
Item4063	Document how to reset a password with ApacheLogin
Item4062	Reset password message doesn't make sense any more
Item4060	template login Error message activated when there was no error
Item4048	EditTablePlugin: Password shown in URL params after template login on direct sort urls (authenticated setups)
Item4045	PatternSkin: More space in topic name fields and file field
Item4043	attachments have bad user name display issues
Item4042	Broken formfield "name" and "title" attributes
Item4035	METASEARCH doc not complete. format option and probably more are missing in the doc
Item4034	Topic rename: error in javascript so select all does not work
Item4028	Authenticated twice; garbled CommentPlugin text
Item4023	configure link for 'Expert mode' missing t= parameter to prevent caching
Item4019	Remove preferences edit button from TWiki.TWikiPreferences
Item4006	More options: do not show "View previous topic revision" when there is no previous version
Item3991	Add spaceOutWikiWord to Func
Item3989	Problematic Values for FINALPREFERENCES in Distribution
Item3971	viewauth Redirect May Add Superfluous Slash
Item3969	Emails may be 8bit, not 7bit
Item3968	Base HREF is wrong when scripturls are changed
Item3957	Mandatory fields will not accept 0
Item3955	RCS command-line settings should be EXPERT
Item3949	Search 'Number of topics' does not show on first search on advanced regex searches
Item3947	Better documentation on how to install CPAN libs (including a reference in the install doc)
Item3940	PREFERENCE values not carried over to preview and then save
Item3929	Make TOPICLIST topic parameter equivalent to other vars
Item3921	renderWikiWordHandler called at wrong place in Render.pm; change to support bracket notation

Item3917	Add .changes API to Func
Item3914	Some plugins cannot be downloaded using <code>configure</code>
Item3911	default preview <code>tmpl</code> has major bug in <code>release value="%REDIRECTTO"</code>
Item3909	Pattern skin template documentation update
Item3902	Reset Password is broken in MAIN branch
Item3900	New CARET preferences variable
Item3897	Fix <code>sanitizeAttachmentName</code>
Item3895	Structure the TWiki version number to make accessible from plugins (code included)
Item3892	Do not automatically lock user profile pages when this is not set in <code>NewUserTemplate</code>
Item3890	EDITTABLE expands variables in table cells
Item3889	<code>\$EXISTS()</code> should default to topic in current web
Item3885	Plugin installation doesn't work through some proxies
Item3883	No rendering of TML after used in table cells and multiline bullets
Item3879	Topic rename does not find URL references from topics in different web
Item3876	Better documentation of <code>\$FORMAT (PERCENT, ...)</code>
Item3864	<code>renderWikiWordHandler</code> is not documented
Item3862	Parameter passed to <code>preRenderingHandler</code> incorrect
Item3853	WEBLIST docco spelling error ( <code>selection=</code> )
Item3835	TWiki.TWikiSiteTools mentions <code>geturl.pl</code> , but does not point out the authentication problems with it
Item3834	<code>USERINFO{format="\$groups"}</code> always returns <code>webDotWikiName</code> identifiers
Item3833	Cannot move attachment to topic with non-wikiword name
Item3832	bracket links are not updated during page renames
Item3829	NativeSearch: give gentle warning when no parameters are passed to <code>test.pl</code>
Item3822	Table rules for columns are invisible in Internet explorer
Item3821	Document INCLUDE behaviour in TWikiAccessControl
Item3813	Web reference gets inappropriately inserted into bracketed links inside verbatim tags.
Item3812	Space in username not rejected when resetting password
Item3806	add <code>true</code> and <code>false</code> to <code>TWiki::isTrue</code>
Item3805	<code>footerrows</code> setting is ignored when adding rows
Item3804	<code>TemplateLogin.pm</code> doesn't return the error from the underlying <code>PasswordManager</code>
Item3803	<code>%!USERINFO{format="\$groups"}%</code> crashes
Item3796	Javascript: ensuring variables are local
Item3790	Web statistic severely broken
Item3787	TWiki.TWikiDocumentation jumps to top at double click
Item3784	Rename across webs bugs
Item3783	Pattern skin small template refactoring
Item3780	Add Sanitize Attachment Name to <code>TWiki::Func</code>
Item3779	Table with backslash breaks <code>EditTablePlugin</code>
Item3778	Lock <code>WebPreferences</code> to person creating web
Item3775	<code>Commentplugin</code> makes inappropriate line ending handling when targeting an anchor
Item3772	<code>TWiki::Func::getOopsUrl()</code> doesn't support <code>def</code> parameter
Item3771	Dutch translation files some special chars mangled
Item3769	Can't create configuration subsection for plugins and contribs
Item3765	<code>configure</code> docco for mail handler should say howto force twiki to use <code>sendmail</code>
Item3760	With <code>rename topic</code> , topic texts are changed as well
Item3759	<code>MailerContrib</code> not mailing groups
Item3758	Remark "There is no size limit for uploaded files." is not relevant to users
Item3756	<code>TWikiRegistrationAgent</code> produces wrongly formatted entries

Item3755	Need to document parameterized include
Item3752	Doc fix to AdminSkillsAssumptions
Item3748	EXTEND.pm fails to move directories across filesystems
Item3743	Input bugs in SpreadSheetPlugin::Calc
Item3742	Short description containing TML does not get rendered properly in PLUGINDESCRIPTIONS
Item3738	Avoid "detailed instructions are beyond the scope of this document"
Item3735	WYSIWYG broken for bolded WikiWords
Item3727	Can't login; e-mail wiped out in .htpasswd entry
Item3725	BulkRegister not functioning properly if password Manger is set to NONE
Item3704	Incorrect number of topics indicated with multiple SEARCHes
Item3703	&nbsp; in the size field of a form will crash the forms code
Item3690	exec return an exit code of 1 for a perfectly valid grep
Item3689	CommentPlugin location only works if it is above the %COMMENT... tag
Item3688	Page loads unreasonable slow under IE with Twisty enabled (clone of 3582)
Item3686	Make redirectto parameter work for rename
Item3684	Over-complex CPAN installation instructions
Item3673	Bad expression error in 'more' screen if parent is missing
Item3668	Broken links in topic A if includes topic B in which InterWiki links are defined
Item3653	Document standard extensions in release notes
Item3652	I18N: Urls to file attachments that has umlauts only works in some browsers
Item3646	Make edit form somewhat less spacious
Item3641	Access key char invisible on hover
Item3639	Extension installer in configure floods error_log when checking for installed plugins.
Item3630	Topic URL parameter overwrites revision to which REVINFO variable refers
Item3623	Can't delete attachment with pluses in file name
Item3621	Improve visibility of attachment twisty
Item3604	URL rendering cuts off first part of URL
Item3594	Can't save template topic with mandatory form fields
Item3592	Cleaning up Main.TWikiPreferences
Item3583	'configure' password gets saved as 'smtp' password (in plain text!)
Item3581	Unwanted question mark link in bracket link text
Item3580	redirectto implemented redundantly in several places
Item3579	Usability: [Save] of preferences screen should support access key
Item3578	Deprecate permissionsSet from Func
Item3575	Usability: Use pub url instead of viewfile url in attachment table
Item3570	Usability: Time consuming to create new topic
Item3567	TablePlugin: css attributes priority of site/web preferences too aggressive
Item3486	Possible to create topics with unsupported characters
Item3463	Document how to use .spec files for plugin setting in TWiki.TWikiPlugins
Item3456	Doc is unclear that Space In Path Causes Error
Item3438	UnprocessedBulkRegistrationLog is improperly formatted
Item3375	Refactor object names for clarity
Item3368	No existence check for topic used in include
Item3367	EditTablePlugin ignores valid table syntax
Item3362	Update doc topics that have forms
Item3341	invalid Date: header in mailnotify
Item3289	attach a filename with paraens and wikiwords
Item3246	Fix save_error template
Item3229	WysiwygPlugin alters things inside complex twiki vars so they break
Item3158	Don't include anything when trying to include a non existing section

Item3105	Usability: Misleading "Invalid Activation Code" error message
Item3051	Wasted vertical space below edit box
Item3038	NEWTOPICFGCOLOR and NEWTOPICBGCOLOR never used
Item3009	Need clear definition of the impact of spaces on EditTable definition
Item2975	EditTablePlugin format fails for last item
Item2960	I18N: Using UTF8 in headers breaks header anchors
Item2915	Allow date format in form fields
Item2892	TWiki dies with SEARCH on topic that has form field named *Foobar*
Item2772	Mailto link should use %20 instead of for spaces
Item2690	EditTablePlugin: remove sort links from headers when editing the table
Item2632	Username vs WikiName is confusing in Configure
Item2615	Fully document exposed APIs
Item2520	WebExist uses WebPreferences as opposed to WebHome to determine the validity of a web
Item2354	FuncUsersContrib and MoreFuncContrib and FuncusersContrib should be merged into Func
Item2326	Remove the secret NEWTOPICLINKSYMBOL (was missing docs for NEWTOPIC* )
Item2244	Documented METASEARCH parameter defaults are not the actual defaults
Item2221	.changes is hardcoded to 500 entries, affecting WebStatistics and MailerContrib
Item2108	Better installation doc for TWikiAdminGroup
Item2032	Some UTF8 characters in form values broken (CGI.pm interaction)
Item2005	Cannot change configure password without making other changes
Item1993	IE eats newlines
Item1985	Not possible to use CDATA in SEARCH output (prev: RSS feeds chokes on HTML entities in SEARCH results)
Item1965	ResetPassword usability
Item1870	Improvements to installation docs
Item1860	NewUserTemplate should be in Main
Item1852	Lease files are not deleted or renamed when you delete/rename topics with cancelled edit
Item1828	Rendering bug of headings when using MBCS as a heading string
Item1562	RcsFile::searchInWebContent doesn't check exit status of the grep command
Item1379	Table sorting confused when using variables.

## Enhancements

Item652	configure plugins should be sorted case-insensitively
Item4995	EditTablePlugin: Omit Edit button in print view
Item4810	SpreadSheetPlugin: New FORMATTIMEDIFF() function
Item4809	ConditionalBasedOnGroupMembership
Item4709	Update small T-logo badge in bottom bar
Item4599	Add timestamps to history revisions (rdiff)
Item4568	Offer RSS feed on search results
Item4548	Improve TOC display in TWiki documentation
Item4547	Improve TWiki variables documentation
Item4504	pop-ups need to pass extra url parameters
Item4500	need a way to set preferences from TWiki::Func
Item4473	check that we have a testable can_edit state
Item4461	'Changed' link should point to most recent changes, not the entire history
Item4451	Add Bugs rule
Item4351	Add a way to pass authentication information to an extra plugins repository
Item4294	TablePlugin: put all css styling in head
Item4279	TwistyContrib: support TwistyPlugin 1.4

Item4278	TwistyPlugin 1.4: remove ugly javascript init calls
Item4275	Add Adobe Air to mimetypes
Item4259	Simplify default templates more, and use CSS
Item4241	CSS class <code>twikiUnvisited</code>
Item4185	SlideShowPlugin: Add VarSLIDESHOWSTART and VarSLIDESHOWEND variable documentation
Item4184	RenderListPlugin: Add VarRENDERLIST variable documentation
Item4183	TablePlugin: Add VarTABLE variable documentation
Item4182	EditTablePlugin: Add VarEDITTABLE variable documentation
Item4181	CommentPlugin: Add VarCOMMENT variable documentation
Item4180	SpreadSheetPlugin: Add VarCALC variable documentation
Item4174	Add templatetopic url parameter to WebTopicCreator
Item4153	Add control over TOC rendering
Item4142	Template unification
Item4140	Support standard escapes in IF statements
Item4139	Configurable date format to enable 2007-05-25 format.
Item4120	Main.TWikiUsers no longer in distribution but gets created from template if non existing
Item4087	PatternSkin: visual update to form elements
Item4075	Enhance MailerContrib To Allow Exclusion Of Webs
Item4069	Normalise <code>viewfile</code> so it is able to use path syntax as well as the <code>?filename=</code> syntax.
Item4046	PatternSkin: Add RSS feed icon to WebLeftBar
Item4044	Add RSS feed icon to TWikiDocGraphics
Item4041	Extend SEARCH to allow SQL-type queries over form fields
Item3988	Japanese translation
Item3854	<code>show subwebs=""</code> in WEBLIST relative to a web
Item3841	Add <code>expandStandardEscapes</code> to TWiki::Func
Item3801	Propose adding <code>\$admin</code> attribute to USERINFO rather than appending "isAdmin()" to <code>\$group</code> output
Item3798	<code>twikiNotification</code> : CSS style for notfications
Item3774	Add <code>getSessionKeys</code> to Func
Item3773	Handlers don't have access to the full topic
Item3766	Enhance EditTablePlugin with DHTML; fix eating of newlines; graceful fallback calendar button; fix css styling
Item3757	TWiki inserts html into text areas which have text in them
Item3607	SEARCH summary should remove leading exclamation point
Item3606	SpreadSheetPlugin doc work for 4.2
Item3552	Support interface to getting URLs in Func
Item3530	Make <code>scope="all"</code> the default search in WebSearch
Item3487	Need a way to tell if <code>mod_perl</code> is in use
Item3321	Table column headers always centered
Item3313	Make <code>redirectto</code> parameter work for upload
Item3265	Existing attachments: change header from "Other attachments of" to "Attachments of"
Item3250	Allow infinite expiry of cookies
Item3234	PatternSkin minor CSS changes for 4.2
Item2123	Add new <code>type=word</code> search to search on word boundaries
Item1966	Poor/nonexistent revert-to-previous-version design
Item1772	Add a <code>?template=viewplain</code> template for plain view
Item1748	Attach help contains note for Internet Explorer 4 that can be removed now
Item1582	configure needs a backlink to the TWiki/WebHome

## TWiki 4.2.1 Patch Release - Details

The 4.2.1 release was built from SVN <http://svn.twiki.org/svn/twiki/branches/TWikiRelease04x02> revision 17311 (2008-08-03).

### Fixes

Item5876	Make query search ref more clear in VarSEARCH.
Item5873	REVINFO shows unknown user instead of the author value when it cannot map.
Item5868	ApacheHtpasswdUser compile error
Item5866	shortcircuit TWiki::_processTags shortcut for 10-30% TWiki render speed improvement
Item5854	Forking search result collation regex can cause many spurious log entries
Item5850	ResetPassword/ChangePassword combo "Oops: we could not recognize you"
Item5849	regex SEARCH on Native Windows crashes when there are [^] chars or mismatched "s in the regex.
Item5844	Automatic statistics denied by default server configuration
Item5834	Edit in ClassicSkin with action=form still displays the text field for the topic
Item5833	Double header in Classic skin when editing with action=text
Item5832	EDITACTION only works on Edit but not Edit Raw
Item5831	EDITACTION parameter does get replaced properly in the changeform templates if combined with setting EDITACTION
Item5826	improved the security of the password generated for resetPassword
Item5823	Adding MD5 Password Feature
Item5819	Document that 4.2.1 with Wysiwyg will no longer work with Perl 5.6
Item5810	%IF in a set statement fails
Item5808	TWiki.InstalledPlugins lists Contribs and AddOns but no Skins
Item5798	urlHost field initialized too late in TWiki::new
Item5796	SubscribePlugin and perl 5.8.4 exposes a taint issue in the latest MailerContrib
Item5794	potential dataloss bug in EditTablePlugin 4.8.2
Item5790	LOCAL_SEARCH does expand nop'ed TML
Item5789	don't rely on the author info being present in attachment meta data
Item5787	square bracket url links don't escape their contents well enough
Item5786	improve TemplateOopsAttentionNotFound message
Item5776	MailerContrib cannot run multiple instances at the same time (document this fact)
Item5772	base and current revisions reversed in diff URL of MailerContrib notify message
Item5744	When renaming webs you get a File does not exist .. twiki_renamedelete.js
Item5743	Easy to goof up web renaming because the default new webname includes subweb.
Item5741	REVTITLE isn't rendered except on rdiff
Item5739	twiki_httpd_conf.txt is inconsistent in the paths it has as default.
Item5727	configure and perl 5.10 dies with Use of uninitialized value \$filename in substitution (s///) at (eval 41) line 23
Item5726	Changing a form when the old form has mandatory fields which are empty causes bogus error
Item5725	Editing in Classic skin gives missing Save and Cancel buttons
Item5724	When you Edit Raw and then add form you end up in Wysiwyg edit mode
Item5721	TinyMCE not honouring Template Topic in special cases.
Item5716	universal edit button work
Item5711	Registration of Zyc ends in the end of TWiki users instead of the last entry in list of users
Item5703	Putting setting with empty value in 'Topic Preference' interface does not work.
Item5701	tempatetopic not implemented as per the docco in TWikiScripts
Item5690	Chinese is fail on newest TinyMCEPlugin / WysiwygPlugin

Item5688	Documentation of eachChangeSince uses \$iterator and \$it
Item5687	TWikiScripts docco for formtemplate is missing details.
Item5677	META tag does not show form field data in 4.2
Item5674	IF and Query have problems if some part of an evaluated statement is undef
Item5668	twiki form Hidden Labels aren't being hidden in view mode.
Item5667	Named jp.po to ja.po to match locale. Fixed the translation of the word Japanese
Item5656	CGI::charset called in BEGIN{ } breaks mod_perl preloading of TWiki.pm
Item5655	Query and IF info.version value is not compatible with the common external representation of topic revision
Item5649	INCLUDE{"WebHome" section="" } returns nothing.
Item5648	LINKTOOLTIPINFO format cannot be changed
Item5643	REVINFO with topic= set to a non-existent topic returns stupid values.
Item5638	readdir/closedir attempted on invalid dirhandle on perl-5.10
Item5636	Main Web preferences lists non-existent topic in WEBFORM
Item5633	Documentation mistakes in TWikiFuncDotPm/saveTopic
Item5632	moveAttachment creates duplicates when topic/web are the same as the source
Item5631	WebStatistics topic was linking to the massive TWikiDocumentation topic
Item5630	spooling erra's in the WebNotify topics
Item5629	registration email does not explicitly tell the user what their login is.
Item5627	Image and Attachment references are trashed when using short URLs
Item5626	Encoding problem with iso-8859 and umlauts
Item5622	Jumping text with blockindent on IE
Item5620	Core: edit window no longer has focus on load
Item5615	ActionTracker with CommentPlugin order Dependencies
Item5612	Selecting "All Public Webs" option not sticking in UI
Item5609	Bug in lib/TWiki/Prefs/PrefsCache.pm (CGI::H3 should be CGI::h3)
Item5602	Web Rename not following ALLOWWEBRENAME Preference
Item5601	registerHandler should be called once per registration
Item5597	default skin search template is broken for webchanges
Item5593	raw=on broken on topics with a view_template
Item5588	INCLUDE of attached HTML files fails in subwebs
Item5562	Query type Search does not report with large number of topics
Item5559	TWikiJavascript does not enable partial js usage.
Item5556	it appears that BuildContrib defaults all unspecified permissions to 664?
Item5554	Missuse of sort and loops
Item5547	"action" parameter for "edit" script fail in 4.2
Item5542	After you enable {UserInterfaceInternationalisation} first view shows an error
Item5540	TWikiUserMapping: single character erroneously reported as a group
Item5536	robots.txt is missing some obvious scripts - like login
Item5535	IF{"\$BANNER" does not really work.
Item5534	missing contexts for several bin scripts
Item5533	tmpl login script does not do writeCompletePage, so it does not get addToHEAD bits.
Item5529	SEARCHes of type word do not work if word is non-English and with TWiki running utf-8
Item5526	WebSearch link "Get notified on changes on this search" breaks when search string contains quote
Item5518	"URLPARAM{" in Comment Box when type="bulletabove"
Item5517	Wrong call \$session->{i18n}
Item5516	LanguageSelector javascript breaks on topic names with underscores
Item5514	suppressTWikiSaveValidation and validateTWikiMandatoryFields Javascript errors in IE and Firefox

Item5509	IF & query String matching may be incorrectly greedy.
Item5501	IF allows does not work correctly if the topic does not exist.
Item5499	TWiki::UI::Resister::changePassword sends login, not cUID to TWiki::Users::setPassword
Item5495	add twikiBroadcastMessage class div to default & classic skins
Item5491	FileAttachment documentation fix - {AutoAttachPubDir} should read {AutoAttachPubFiles}
Item5490	%REVTITLE2% not substituted in RDiff.pm
Item5478	Personal left bar is potentially buggy in layout
Item5467	Pickaxe saves absolute URL instead of ATTACHURL
Item5466	default and classic search.tmpl's have one table per topic result
Item5462	Hide Attachment option does not work
Item5461	default skin does not show the form attached to the topic.
Item5458	Rename web drop all link refer to the web
Item5457	TinyMCE breaks Cyrillic Encoding (cp1251 or KOI8-R)
Item5451	MailInContrib reveals error in Password.pm, that has been carried over to LdapContrib
Item5450	MailInContrib docs refer to bin/mailincron but actually its in tools
Item5449	TWiki::Sandbox::sysCommand leaves an extra process if command fails
Item5447	If manage requires login, impossible to change password
Item5443	Searches order="editby" are sorted by login ID (cUID) instead of WikiName making result look random
Item5432	Image links inserted with Manage Attachment only work with lower case file extension
Item5431	Register.pm redirects to TWikiUsers topic on error, even though that topic may not exist
Item5430	reset password message has some errors
Item5428	Topic save error with form does not remove nop
Item5426	RSS feeds failing due to newlines at top of page.
Item5418	readme.txt refers to missing 'install instructions' TWikiDocumentation.html
Item5412	"You are trying to templatetopic a topic that does not exist" makes no sense
Item5410	WebSearchAdvanced does not regex search when you select that it should
Item5405	TWikiHierarchicalNavigation seach broken
Item5399	DISPLAYTIME documentation improved
Item5393	Adding bullet right after a heading adds annoying html paragraph tags
Item5387	Issue with multi-span rows and the EditRowPlugin / TablePlugin
Item5382	TWiki.pm sets wrong urlHost if https protocol and ShorterUrlCookbook is used
Item5348	Comment regarding FINALPREFERENCES should also mention subwebs.
Item5345	Logging in as admin still redirects to main home
Item5344	PatternSkin small bug fixes and enhancements after 4.2
Item5343	Can't set parent to none anymore
Item5339	Attachment uploaded by name not shown as TWiki link in 4.2 for attachments uploaded by TWiki 4.1.2
Item5324	Oops allows the template url parameter to pass through without filtering.
Item5316	PHP flag in pub-htaccess.txt is not working with PHP running as CGI
Item5314	TinyMCE breaks Chinese, Japanese, Korean Unicode Encoding upon entering "Edit Twiki Markup" from WYSIWYG
Item5311	deep recursion in getEmails()
Item5307	Plugins with beforeAttachmentSaveHandler break file attachments with TWiki 4.2.0
Item5294	Wysywig & TinyMCE corrupt some topics.
Item5293	DATE in TWiki.pm to follow configured displaytime
Item5288	META tag doesn't call expandStandardEscapes() and crashes (trunk only does not affect 4.2.1)
Item5287	Linking is totally broken - in 4.2 WikiWord links do not work - in 4.1.2 buttons are disabled
Item5284	You cannot paste into Wysywig in IE unless you are in Intranet security zone (documentation issue)

Item5283	EditTablePlugin dollar percent expansion does not work well together with SpreadSheetPlugin
Item5276	Link to Release Notes 4.1 in distribution documentation of 4.2.0
Item5258	Preview does not set ORIGINALREV and other values in edit.tmpl, so continuing from there has problems
Item5257	TinyMCE pads bullets incl. "set" variables with trailing spaces breaking some plugins and TWiki apps.
Item5232	Locales problem in WebNotify.pm and Subscibe.pml
Item5206	Image not shown , when inserting image with Image button and not using any path
Item5182	"save" does not treat bad templatetopic as an error
Item5176	%SCRIPTSUFFIX is added twice in TOC links
Item5124	Registration confirmation should contain name, not WikiName
Item5118	Difference from 4.1.2 - 4.2: Apache loginname no longer works with access control lists
Item5116	WYSIWYG Line Returns Removed In Opera
Item5053	Dropdown in TinyMCE help text is confusing
Item4946	urlDecode() not working for characters represented by Unicode code points
Item4922	add the other meta field infos to the output of FORMFIELD{format=""}
Item4863	Removal of RcsDirs feature (was RcsWrap does not support RcsDirs)
Item4824	Security bug: TWiki's user management code needs rework again
Item4780	Twisty addToHEAD does not work in login template
Item4741	%META{"formfield" ....} does not expand
Item4289	Document effect if INCLUDE on access control settings
Item4288	Document what happens if access control set more than once
Item3824	Possible to hijack TOPIC or WEB variable making editing a topic with one of these defined impossible
Item3715	Simplify I18N configuration
Item3502	preview of a slideshow is corrupted
Item3048	Documented that CGI version 2.89 causes character entities to not be escaped in Raw View
Item1861	Document EDITACTION

## Enhancements

None!

## TWiki 4.2.2 Patch Release - Details

The 4.2.2 release was built from SVN <http://svn.twiki.org/svn/twiki/branches/TWikiRelease04x02> revision 17396 (2008-08-11).

### Fixes

TODO

## Enhancements

None!

## TWiki 4.2.3 Patch Release - Details

The 4.2.3 release was built from SVN <http://svn.twiki.org/svn/twiki/branches/TWikiRelease04x02> revision r17502 (2008-09-12).

## Fixes

TODO

## Enhancements

None!

## TWiki 4.2.4 Patch Release - Details

The 4.2.4 release was built from SVN <http://svn.twiki.org/svn/twiki/branches/TWikiRelease04x02> revision 17773 (2008-12-06).

## Fixes

TODO

## Enhancements

None!

**Related Topics:** [TWikiHistory](#), [TWikiInstallationGuide](#), [TWikiUpgradeGuide](#), [TWikiReleaseNotes04x00](#), [TWikiReleaseNotes04x01](#), [TWikiReleaseNotes04x03](#), [TWikiReleaseNotes05x00](#), [TWikiReleaseNotes05x01](#)

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This topic: [TWiki > TWikiReleaseNotes04x02](#)

Topic revision: r10 - 2011-06-05 - [TWikiContributor](#)



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**Note:** Please contribute updates to this topic on [TWiki.org](http://TWiki.org) at [TWiki:TWiki.TWikiReleaseNotes04x02](#).