

See [the cookbook recent changes page](#) for additional updates and activity by other developers, or join the [PmWiki mailing lists](#) to discuss feature development with us.

Version 2.2.36 (2011-12-28)

- Add \$EnableOldCharset variable and \$page["=oldcharset"] entry.
- Refactor [Page Store?](#)->recode() to recover Windows-1252 characters.
- Add exit line to xpage-iso-8859-2.php ([PITS:01275](#)).
- Fix difference in defining and removing "invisible" [PT Vs?](#).
- Update documentation.

Version 2.2.35 (2011-11-11)

- Fix critical PHP injection vulnerability ([PITS:01271](#), reported by Egidio Romano).
- Important change: Disable script loading from [XL Page?](#)).
- Move the processing of [[link|+]] inside [Link Page?](#)() and delete markup rule from stdmarkup.php.
- Modify [Make Link?](#)() to better handle link titles.
- Add optional \$LinkTitleFunction allowing recipes to customize the link titles.
- Fix [Read Trail?](#)() to better handle links with titles.
- Add title attributes for the HTML templates in the \$LinkPage*Fmt variables.
- Add upload extensions svg, xcf, ogg, flac, ogv, mp4, webm, odg, epub.
- Minor optimization for the [Markup Expressions](#) for UTF-8 strings.
- Minor optimization of the rendering of page history.

Version 2.2.34 (2011-10-10)

- Add [MarkupExpressions](#) replacements for UTF-8.
- Reset timestamps of Site(Admin).[Auth User](#) to 1000000000, used in upgrades.php.
- Update documentation.

Version 2.2.33 (2011-09-23)

- Fix locked states for Site and [Site Admin Group Attributes?](#) (reported by Brijesh Kothari).
- Fix intermap.txt entries PITS: and Wikipedia: to point to their current locations.
- Fix refcount.php to produce valid HTML ([PITS:01266](#)).

Version 2.2.32 (2011-09-18)

- Add required html xmlns attribute to the print skin template.
- Add [Page Store?](#)->recode() function.
- Add \$DefaultPageCharset array.

- Optimize for speed the inline diff for page history when too many lines were added or deleted.
- Update and convert to UTF-8 the documentation.

Note: Due to a manipulation error, a version 2.2.31 was created before it was ready for a release.

Version 2.2.30 (2011-08-13)

- Fix \$Charset definition in iso-8859-*.php files.
- Add \$EnableRangeMatchUTF8, set it to 1 to enable range matches in UTF-8.
- Update documentation.

Version 2.2.29 (2011-07-24)

- Fix Attach links that were broken with the Path fix in 2.2.28.
- Add \$IMapLocalPath array containing [Inter Map](#) prefixes that should be treated as local.

Version 2.2.28 (2011-07-24)

- Fix potential XSS vulnerability in refcount.php ([PITS:01262](#)).
- Fix bug in Path: links ([PITS:01260](#)).
- Fix potential XSS vulnerability in custom [Site Preferences](#) ([PITS:01263](#)).
- Update documentation.

Version 2.2.27 (2011-06-19)

- Add block [Wiki Style?](#) %justify% ([PITS:01253](#)).
- Remove unused <vspace> after a redirection ([PITS:01255](#)).
- Add ?nodiff=1 parameter for page history to disable diff rendering and show only restore links.
- Update documentation.

Version 2.2.26 (2011-05-21)

- Fix [Read Trail?](#)(), redundant replacing of hashes, already done in [Make Page Name?](#)()).
- Update documentation.

Version 2.2.25 (2011-03-22)

- Update documentation.

Version 2.2.24 (2011-02-15)

- Add {`$$$PageTrailDepth`} pseudovariable for pagelist templates.
- Fix [Page Var?\(\)](#), add `$authpage` array for an authenticated page data, removed `$Enable Page Var Auth?`.
- Update documentation.

Version 2.2.23 (2011-01-25)

- Default `$EnablePageVarAuth` to 0 until the resolution of [PITS:01242](#).

Version 2.2.22 (2011-01-16)

- Add `$EnableXLPagescriptLoad` to [XL Page?\(\)](#) to prevent editors from changing the encoding.
- [Page Variables](#) now respect authentications ([PITS:01213](#)).
- Add `$EnablePageVarAuth`.
- Update documentation.

Version 2.2.21 (2010-12-14)

- Fix potential XSS vulnerability, reported by [D Faure?](#).
- Fix invalid HTML for simple table captions, reported by JL.
- Fix [Wiki Styles](#) could work not properly if a value was empty like `accesskey=""`.

Version 2.2.20 (2010-12-14)

- Fix Pagelist {`$$variable`} didn't work in template none ([PITS:01212](#)).
- Fix interface access keys in browse mode ([PITS:01188](#)).
- Add [Pm L10n?](#): intermap prefix for the Localization/ group on pmwiki.org ([PITS:01180](#)).
- Fix [Auth User](#) excluding members didn't work ([PITS:01201](#)).
- Update documentation.

Version 2.2.19 (2010-11-10)

- Update documentation.

Version 2.2.18 (2010-09-04)

- Fix `$SaveAttrPatterns` to skip nested conditionals (reported by [Randy B?](#)).

- Fix [Recent Changes?](#) when an edit summary contains the dollar sign ([PITS:01217](#)).
- Fix RDF feed number of elements ([PITS:01198](#)).
- Update documentation.

Version 2.2.17 (2010-06-20)

- Add tabindex as a valid form attribute ([PITS:01190](#)).
- Collapse adjacent insertions in [Diff Render Source?](#) ([PITS:01192](#)).
- Fix [Handle Download?](#) to flush() output before exit ([PITS:01199](#)).
- Fix [Handle Download?](#) to respect [\\$EnableIMSCaching](#) ([PITS:01191](#)).
- Add \$PostConfig functions and scripts, loaded after stdconfig.php ([PITS:01132](#)).
- Add \$AuthUserPat variable for the regexp pattern in [Auth User Id?](#)() ([PITS:01202](#)).
- Pass \$authlist as last parameter to [\\$Auth User Functions?](#) ([PITS:01197](#)).
- Fix "exists" conditional to work with old link markup.
- Update documentation.

Version 2.2.16 (2010-05-10)

- Allow "exists" conditional to accept wildcards ([PITS:01184](#))
- Fix GUI button %center% which didn't work correctly.
- Fix incorrectly parsed quote in PQA(), possible script injection (discovered by Hanno Boeck).

Version 2.2.15 (2010-03-27)

- Add (Auth|Edit)Form to auto-translated titles.
- Fix (:if auth LEVEL:) to respect \$HandleAuth ([PITS:01164](#)).
- Skip loading of the second half of draft.php if \$action!="edit".
- Fix bug with (:template none:) introduced in 2.2.14, reported by Holger.
- Fix [Handle Download?](#)() to use binary file-read.

Version 2.2.14 (2010-02-27)

- Fix inline styles in [Wiki Trails](#) ([PITS:01121](#)).
- Add a negation parameter to pagelist first/last templates ([PITS:01127](#)).
- Refactor [FPL Template Format?](#)(), move repeated code blocks into [FPL Expand Item Vars?](#)()
- Add \$EnableUndefinedTemplateVars allowing to hide or show undefined template/include {\$\$variables} ([PITS:01152](#)).
- Add "title" attribute to external links ([PITS:00657](#)).
- Add [Fmt Page Title?](#)() to allow automatic i18n titles for [Recent Changes?](#) and other technical pages ([PITS:01157](#)).
- Update documentation.

Version 2.2.13 (2010-02-21)

- Replace deprecated in PHP 5.3 function split() with explode().
- Add \$WordDiffFunction default to [PHP Diff?](#).
- Use existing border colors as highlighting background.
- Refactor/optimize [Diff Render Source?](#)(), merge with [Diff Render Inline?](#)).
- Change default history to show word-level highlighting.
- Fix bug with \$DiffKeepNum which kept less revisions than it should.
- Fix [Retrieve Auth Page?](#)() call from [Handle Diff?](#)).
- Update documentation.

Version 2.2.12 (2010-02-17)

- Allow a custom \$DiffHTMLFunction to skip the line rendering if it returns false.
- Add \$EnableDiffInline, simple word-level diffs ([PITS:00571](#)).
- Update documentation.

Version 2.2.11 (2010-02-14)

- Break [Print Diff?](#)() into customizable functions ([PITS:01106](#)).
- Add anchors to individual diffs ([PITS:00796](#)).
- Remove unused \$RecipeInfo definition in markupexpr.php (reported by P.Bowers).
- Add (:head:) and (:headnr:) table directives ([PITS:00535](#)).
- Fix \$GroupPattern and [\\$Name Pattern?](#) in xlpag-utf-8.php.
- Update documentation.

Version 2.2.9, 2.2.10 (2010-01-17)

- Fix i18n string in [Passwd Var?](#)), reported by [Ste P?](#).
- Fix sample-config.php with correct information about [\\$EnableWSPre](#) ([PITS:01145](#)).
- Fix range searches for wikis in UTF-8 (reported by Maxim).
- Fix global variable \$StringFolding in scripts/xlpag-utf-8.php.
- Fix markup for italics in creole.php.
- Fix previews for [PT Vs?](#), Pagelist templates and included sections ([PITS:01098](#)).
- Add \$DiffKeepNum - number of revisions kept, even if older than [\\$Diff Keep Days?](#).
- Add Yandex to robots.php.
- Change default \$EnableRelativePageVars to 1 ([PITS:01145](#)).
- Add fifth parameter to [Set Property?](#)() : keep existing property.
- Add \$EnablePageTitlePriority ([PITS:00266](#), [PITS:00779](#)).
- Update documentation.

Version 2.2.8 (2009-12-07)

- Fix apostrophes in Author field ([PITS:01155](#)).
- Fix Condition "exists" for PHP 5.3 ([PITS:01156](#)).
- Update documentation.

Version 2.2.7 (2009-11-08)

- Fix [Glob To PCRE?](#)() to work with !excl and -excl with PHP 5.3 ([PITS:01149](#)).
- Fix [Handle Download?](#)() correctly quote the filenames ([PITS:01150](#)).
- Fix [Session Auth?](#)() for PHP 5.3, the \$_REQUEST array doesn't contain the \$_COOKIE array ([PITS:01141](#)).
- Fix default timezone for PHP 5.3 ([PITS:01141](#)).
- Update documentation.

Version 2.2.6 (2009-10-04)

- Escape apostrophes for multiline textarea/hidden form fields.
- Fix global unset of \$MarkupRules in [Markup\(\)](#) and [Disable Markup?](#)(), reported by D.Faure.
- Fix call to [Build Markup Rules?](#)() in [Markup To HTML?](#)(), suggested by Pm.
- Allow disabling of \$PageListFilters and [\\$FPL Template Functions?](#) if set to -1 and thus allow replacing a core function with a custom one.
- Fix [D Range?](#)() returned timestamps +1min or +1day when it shouldn't ([PITS:01125](#)).
- Add \$MarkupWordwrapFunction to allow custom (:markup:) line width for multibyte wikis ([PITS:00703](#)).
- Add \$MakeUploadNamePatterns to allow custom filename normalization for uploads.
- Add a fourth argument to [Post Recent Changes?](#)() to allow this function to be called with a custom [\\$RecentChangesFmt](#) array.
- Add \$RecentUploadsFmt, to allow logging of new uploads to the [Recent Changes?](#) pages ([PITS:00088](#)).
- Fix Notify for some installations in safe_mode ([PITS:00976](#)).
- Add [\\$HTMLHeaderFmt](#)['guiedit'] variable in guiedit.php to allow customization ([PITS:01146](#)).
- Update documentation.

Version 2.2.5 (2009-08-25)

- Add *.7z as accepted upload extension ([PITS:00813](#)).
- Fix global variable \$HandleAttrFmt in [Handle Attr?](#) ([PITS:01126](#)).
- Allow brackets in input element names ([PITS:01131](#)).
- Fix CSS class applied twice ([PITS:01071](#)).
- Fix Not-Modified headers could prevent caching ([PITS:00802](#)).
- Break [FPL Template?](#)() into configurable sub-parts ([PITS:01102](#)).
- Add (:template none:) section for Pagelist templates.
- Fix attr-protected page could be deleted with edit permissions ([PITS:00238](#)).
- Update documentation.

Version 2.2.4 (2009-07-16)

- Fix bug with page attributes, which somehow didn't make it in the 2.2.3 release.
- Fix bug with HTML entities in [XL Pages?](#) introduced earlier today in 2.2.3 (reverted, [PITS:01114](#)).

Version 2.2.3 (2009-07-16)

- Fix action=logout could incorrectly set a session cookie ([PITS:01062](#)).
- Fix page history trim in vardoc.php ([PITS:01103](#)).
- Add \$EnableUploadGroupAuth, use group password for downloads ([PITS:01104](#)).
- Fix recursive PTV loops, added \$MaxPageTextVars ([PITS:00915](#), [PITS:01099](#)).
- Fix mkdirp() messages for absolute paths ([PITS:00396](#)).
- Fix sample-config.php order for urlapprove.php ([PITS:01037](#)).
- Fix broken signature links on preview.
- Fix crypt.php (action=crypt) could malfunction for passwords with quotes or apostrophes.
- Fix `@_site_*` passwords to work in [Group Attributes?](#) ([PITS:00836](#), [PITS:00998](#)).
- Fix possible XSS vulnerabilities, reported by Michael Engelke.
- Update documentation.

Version 2.2.2 (2009-06-21)

- Fix class in pages not on the breadcrumbs trail, reported by Ed W.
- Fix tabindex and onclick to guiedit buttons.
- Fix \$GroupPrintHeaderFmt in print.php ([PITS:01073](#)).
- Fix global vars in xlpag-utf-8.php ([PITS:00980](#)).
- Fix \$txt in [Link Page?](#) (reported by Eemeli Aro).
- Add \$EnableNotifySubjectEncode for international wikis ([Cookbook:UTF-8](#)).
- Fix international message in Abort().
- Fix security bug with [Auth User](#), reported by Eemeli Aro. See [Release notes](#).
- Fix \$ActionTitleFmt for login and upload, reported by Eemeli Aro.

Version 2.2.1 (2009-03-28)

- Fix \$FPLTemplateMarkupFunction which somehow didn't get in the 2.2.0 archive.
- Fix wikitrails to work cross-group ([PITS:00407](#)).
- Add \$EnableRedirectQuiet variable ([PITS:00919](#)).
- Fix {\$Title} could display global variables (reported by [Hans B?](#)).
- Fix reloaded form submissions could lose values (reported by [Dave G?](#)).
- Fix preview while restoring a version from history ([PITS:01081](#)).
- Fix relative links with international characters (reported by G. Hermanowicz).
- Add in sample-config.php example call to xlpag-utf-8.php ([PITS:01066](#)).
- Update documentation.
- Fix guiedit.php to produce valid HTML.

Version 2.2.0 (2009-01-18)

- Convert beta series to official release series.
- Add \$FPLTemplateMarkupFunction ([PITS:00984](#), requested by John Rankin).

Version 2.2.0-beta68 (2008-08-14)

- Fix E_NOTICE errors reported by Dominique Faure.
- Enable (:redirect:) directives in pagelists.

Version 2.2.0-beta67 (2008-07-13)

- Add {\$LastModifiedTime} page variable.
- Add \$EnableSessionPasswords variable to control session password usage.
- Add \$SessionEncode and \$[Session Decode?](#) variables to specify functions for encoding/decoding sensitive session data.
- Updated httpauth.php to use [Session Auth?](#) instead of poking in session guts directly.

Version 2.2.0-beta66 (2008-07-04)

- Add content-type/charset to Abort() output (suggested by Petko).
- Close minor XSS vulnerability ([PITS:01030](#)).
- Add "nested if" capability.
- Fix bug in \$Transition handling that would enable all transitions if any were set (reported by John Rankin).

Version 2.2.0-beta65 (2007-11-17)

- Fix [Site Admin.Auth List](#) so that it defaults to list=all (reported by Roman).
- Fix pmwiki skin to include xmlns= attribute in <html> tag ([PITS:00989](#), reported by Mateusz Czaplinski and Petko Yotov).

Version 2.2.0-beta64 (2007-11-13)

- Add times to [Pm Wiki](#) date parsing (e.g., 2007-08-09T12:22:04).
- Suppress warning from ini_set in diag.php (suggested by Petko).
- Fix handling of -> links in trails (reported by Eemeli Aro).
- Add .kml and .kmz as valid attachment types.
- Fix handling of & in markup ([PITS:00988](#), reported by Stirling Westrup).
- Fix duplication of language markers in \$XLLangs ([PITS:00987](#), reported by Stirling Westrup).
- Correct typo in [D Range?](#)() call in stdmarkup.php (reported by Stirling Westrup).
- Turn on error displays when diagnostics are enabled.
- Default PHP's pcrc.backtrack_limit to at least 1000000.

Version 2.2.0-beta63 (2007-07-31)

- Added `$SkinDirectivesPattern` to allow adjustments to available skin directives (requested by Petko).
- Fix default permissions on [Site.Auth User](#) and [Site.Auth List?](#) (reported by Scott Connard).
- Add "monospace" to pmwiki.css default (reported by Joshua Timberman, with assistance from H. Fox)
- Fix problem with slashes in wildcards to `name=` and `group=` parameters (reported by Ian [Mac Gregor?](#)).

Version 2.2.0-beta62 (2007-07-21)

- Fix bug in trails introduced by beta61 (reported by charlequin).

Version 2.2.0-beta61 (2007-07-19)

- Add ability to grab trails by section.
- Add an "ontrail" condition (from suggestions by charlequin).

Version 2.2.0-beta59, 2.2.0-beta60 (2007-07-18)

- Fix problem with upgrade.php on [wiki farms](#) (reported by Scott Connard).
- Fix problem with distributed version of [Site.Auth User](#) (reported by Jon Haupt).

Version 2.2.0-beta58 (2007-07-17)

- Significant change: [Site.Auth User](#), `Site.Blocklist`, [Site.Approved Urls?](#), and [Site.Notify List?](#) now appear in the [SiteAdmin](#) group by default.
 - Note: if you limit groups by setting `$GroupPattern`, you now need to include [Site Admin](#) (see [Cookbook:LimitWikiGroups](#))
- Abort if ldap: authentication requested and libraries aren't present.
- Added "upgrades.php" script to handle various migration issues.
- Current Pm Wiki [version](#) is now held in [SiteAdmin.Status](#).
- Fix `?action=postupload` to follow `?action=upload` settings.
- Improvements to [SiteAdmin.AuthList](#) page (suggestions and fixes from Ian [Mac Gregor?](#)).
- Allow leading underscores in attachment names (requested by Christophe David).

Version 2.2.0-beta57 (2007-06-15)

- Fix [As Spaced UTF 8?\(\)](#) to work like [As Spaced?\(\)](#) (reported by Petko).
- Qualify page links that contain parentheses (reported by Petko).
- Fix bug in `(:input default $:var ... :)` (reported by Crisses).

Version 2.2.0-beta56 (2007-06-13)

- Fix [As Spaced?\(\)](#) to not add spaces before leading digit, and treat hyphenated digits as complete numbers.
- Fix infinite recursion in self-referencing [page text variables](#) ([PITS:00915](#)).
- Fix bug introduced in beta55 not handling end [anchors](#) correctly (reported by Roman).

Version 2.2.0-beta55 (2007-06-11)

- Fix attributes to (`:input e_form:`) ([PITS:00387](#), re-reported by Crisses).
- [Update Page?\(\)](#) now calls [Stop Watch?\(\)](#) to record posting.
- Display stopwatch output as part of redirect.
- Fix [wiki styles](#) bug when `$EnableLinkPageRelative` is set (reported by Petko).
- Revise [Text Section?\(\)](#) code to hopefully avoid [pcre](#) limits (reported by Kathryn Andersen, Knut Alboldt).
- Add `wrap=inline` and `wrap=none` options to [page list](#).

Version 2.2.0-beta53, 2.2.0-beta54 (2007-06-02)

- Improve error message reporting for markup rules (suggestion by Knut Alboldt).
- Clean up more `E_NOTICE` warnings (reported by Ian [Mac Gregor?](#)).
- Add `focus=` option to (`:input:`) controls.
- Added CSS `.faqtoc` class, to be able to display only the questions coming from the `#includefaq` [page list template](#).
- Changed [PmWiki.FAQ](#) to use `.faqtoc` class.
- Fix bug in [Text Section?](#) ([PITS:00935](#), reported by Jean-Fabrice).
- Fix bug in [page list](#) caching of trails.

Version 2.2.0-beta52 (2007-05-26)

- Add per-[Page Store?](#) attributes (from a suggestion by Tobias Thelen).
- Add `{ $PasswdRead }`, `{ $PasswdEdit }`, etc. to display page password settings.
- Add [Site.Auth List?](#) to display all password permissions on a site.
- Reorder `$PageListFilters` slightly.
- Add `"passwd="` option to [page list](#), to return only those pages that have some sort of [password](#) attribute on them.
- Add line numbers to [Stop Watch HTML?](#) output.
- Clean up handling of `$AuthCascade`.

Version 2.2.0-beta51 (2007-05-23)

- Add `fmt=count` to [page list](#) (reminder from Hans).
- Ignore hidden files in [skin](#) directories when searching for `.tmpl` (suggestion by Stephan Becker).
- Clean up queuing of pages to be updated in `.pageindex`.
- Reset `$LinkTargets()` at beginning of each [Update Page?\(\)](#) sequence.

Version 2.2.0-beta50 (2007-05-22)

- Fix HTML cache when drafts are enabled, or other recipes using [Cond Auth?\(\)](#).
- Prevent [page lists](#) with protected pages from HTML cache.

Version 2.2.0-beta48, 2.2.0-beta49 (2007-05-21)

- Fix spurious value= attribute in <textarea> tag generated by (:input textarea ... :).
- Allow either (:input default ...:) or (:input defaults ...:).
- Fix problem with page text variable handling in (:input defaults:).
- Allow either (:template default:) or (:template defaults:) in [page list templates](#).
- Fix a bug handling dates with suffixes (reported by Crisses).

Version 2.2.0-beta47 (2007-05-20)

- Fix bug with quote handling in (:include:) options (reported by Hans).

Version 2.2.0-beta46 (2007-05-19)

- Moved \$PageTextVarPatterns definition from scripts/stdmarkup.php to pmwiki.php.
- Ignore Markup() rules that have unresolved \$when parameters.
- Fix issue in authuser.php when \$auth array isn't set (contributed by Ben Stallings).
- The (:include:) directive now performs template argument processing on the included text.
- Optimized (:pagelist:) slightly when sorting on [page variables](#).
- Refactored (:input ... :) markups.
- Added [Handle Dispatch?\(\)](#), which allows action handlers to easily redispach to other actions (and add messages).
- Added [Fmt Template Vars?\(\)](#), to perform various template-substitutions.

Version 2.2.0-beta45 (2007-05-02)

- Update pmwiki's date parsing to use a common routine, recognizing dates within strings and restricting range to 1900-2039.
- Add additional parameter to "date" conditional.
- Add if= option to [page list](#) (suggested by Crisses).
- Refactor code to use [Text Section?\(\)](#) and [Retrieve Auth Section?\(\)](#) functions.
- The value= parameter to (:input textarea:) now works properly (including values loaded from \$InputValues).
- The (:input default:) directive now allows loading input control defaults from another page via the source= parameter.
- Remove automatic call to [Fmt Page Name\(\)](#) in \$ROSPatterns. Add [\\$ROE Patterns?](#) (from suggestions by JB and others).
- Fix minor variable bugs in scripts/crypt.php.

- Remove E_NOTICE errors (reported by Hans).
- Fix handling of page variables when pagename is empty or not provided.
- Add \$EnableLinkPageRelative configuration option.
- Clean up handling of arguments to `{(ftime ...)}`.
- Remove mailposts.php call in stdconfig.php (reported by Christophe David).

Version 2.2.0-beta44 (2007-04-16)

- Fix case conversion of U+027D and U+026B (reported by Petko).
- Add \$FTimeFmt to set default formatting for `{(ftime)}`.
- Add %s conversion to `{(ftime)}` for systems that don't have it by default.
- Report an error if edit [form](#) cannot be read (suggested by Hans).
- Don't report ?cannot acquire lockfile when simply browsing pages.
- Add \$EnableReadOnly flag to signal when Pm Wiki is to be run in read-only mode.

Version 2.2.0-beta43 (2007-04-15)

- Update drafts code to add \$EnablePublishAttr and change button labels when drafts are enabled ([PITS:00755](#)).
- Removed no-longer-needed 'compat1x.php' and 'mailposts.php' from distribution.
- Added \$DraftRecentChangesFmt.
- Added "[markup expressions](#)" `{( . . . )}` into the core.
- Added charset= attribute to saved pages.
- Update pagelist.php and xpage-utf-8.php to handle case-insensitive searches.
- Added some optimizations to phpdiff.php script to produce more useful history information.

Version 2.2.0-beta42 (2007-03-27)

- Fix a bug with order=title in pagelists (reported by Anno).

Version 2.2.0-beta41 (2007-03-26)

- Added [\\$EnableWSPre](#) option, which allows easy adjustment of the "leading space -> preformatted text" (or "whitespace") rule.
- Added a new "pre" wikistyle, to designate blocks that are to be treated as preformatted text.

Version 2.2.0-beta40 (2007-03-24)

- Fix bug with order=title in pagelists when using \$Titlespaced ([PITS:00906](#), reported by Feral).
- Report state of allow_url_fopen when downloads fail in blocklist.php.

Version 2.2.0-beta39 (2007-03-23)

- Allow page variable filters to appear as options in (:template defaults:) (reported by [Ste P?](#)).
- Updated [Site.PageListTemplates](#) to use (:template:) directives.
- Remove '#wikileft h1' and '#wikileft h5' from pmwiki default stylesheet.

Version 2.2.0-beta38 (2007-03-22)

- Strip control characters from \$ChangeSummary.
- Fix problem with count=m..n where m..n is outside the range of available pages (reported by [Ste P?](#)).
- Allow (:template default . . . :) to specify a class= option.
- [Redirect](#) pagename can now include an anchor ([PITS:00558](#))

Version 2.2.0-beta37 (2007-03-16)

- Allow an optional space after comma separators in wildcard patterns (reported by Han Baas).

Version 2.2.0-beta36 (2007-03-16)

- Allow nested [page text variables](#) to work, remove extraneous ENT_NOQUOTES parameter.
- Add new (:template . . . :) directives for pagelist templates.
- Modify count= option to pagelists to allow for alternate ranges.

Version 2.2.0-beta35 (2007-03-05)

- Fix bug in [conditional markup](#) parsing (reported by Christophe David).

Version 2.2.0-beta33, 2.2.0-beta34 (2007-03-01)

- Refactor wildcard handling into its own [Glob To PCRE?](#) function.
- Allow negated wildcards for page variable filters in pagelists ([PITS:00878](#), reported by Jiri)
- Fix wildcards so that spaces no longer separate patterns (use commas).
- Fix handling of '&' prior to (:input:) and other directives (reported by Luigi).
- Adjust position of %define= . . . % [wiki styles](#) to occur after ampersands.
- Adjust copyright dates on many files.
- Allow spaces around text variable names in [page text variable](#) markups.

Version 2.2.0-beta32 (2007-02-28)

- Fix erroneous \$EnableCreole item in docs/sample-config.php (reported by Sigurd).
- Added (:elseif:) and (:else:) markups ([PITS:00787](#)).
- Fix global \$Skin variable handling when using [Set Skin?](#) from within markup.
- Make sure directives aren't treated like [page text variables](#) (reported by Petko).
- Remove call to [Resolve Page Name?](#)() from authuser.php .
- Simplify [LDAP](#) authentication for Active Directory sites.
- Cache lowercase/uppercase patterns in [As Spaced UTF 8?](#)() .

Version 2.2.0-beta31 (2007-02-11)

- Fix bug with sorting on [pagelist variables](#) (reported by Kathryn Andersen).

Version 2.2.0-beta29, 2.2.0-beta30 (2007-02-09)

- [Make Page Name?](#) now uses the first matching entry of [\\$PagePathFmt](#) as the home page of groups without a home page.
- Add [As Spaced UTF 8?](#)() to handle title spacing in utf-8 ([PITS:00875](#), contributed by Petko, Celok)
- Fix \$RequestedPage when running with utf-8.
- Add <meta> content-type tag for utf-8.
- Add an experimental caching system for pagelists.
- Fix \$SuffixPattern and link suffixes for utf-8 ([PITS:00881](#), reported by ppip).

Version 2.2.0-beta28 (2007-02-03)

- Update blacklist.php so that all posted fields are checked for block values ([PITS:00850](#)).

Version 2.2.0-beta27 (2007-01-25)

- Fix markup processing sequence for (:input default:), (:input select:), etc. (problem noted by Marc).
- Fix default value of order= parameter to [Make Page List?](#)() .

Version 2.2.0-beta26 (2007-01-23)

- Fix a bug where pagelist list= option had no effect when reading from trails (from an rss problem noted by Russ Fink).

Version 2.2.0-beta24, 2.2.0-beta25 (2007-01-22)

- Add a scripts/creole.php module for Creole markup (<http://www.wikicreole.org/>).

- Move [Wiki Words](#) out of the core defaults -- can be enabled via [\\$EnableWikiWords](#).
- Fix handling of [Wiki Words](#) following & or #, as in Æ and #FFFF00 (reported by Moni Kellermann).
- Adjust [Format Table Row?\(\)](#) to support Creole-style tables (using single |'s).
- Update docs/sample-config.php with new configurations and options.
- Added code to allow Abort() to refer to additional information on pmwiki.org.
- Added \$EnableSkinDiag, which checks templates for required <!--[HTML Header?](#)--> and <!--[HTML Footer?](#)--> directives.
- Removed deprecated \$BasicLayoutVars support from skins.php.

Version 2.2.0-beta22, 2.2.0-beta23 (2007-01-17)

- Added \$EnableActions, to allow pmwiki.php to be included without generating output (from a suggestion by Wouter Groeneveld).
- Fix bug in "order=" option to (: pagelist :) (reported by Mike Bishop).
- Change [Display Stop Watch?\(\)](#) function to [Stop Watch HTML?\(\)](#).
- Allow multiple lines for markup:, wiki:, and page: template directives (reported by Marc)

Version 2.2.0-beta21 (2007-01-12)

- Fix <vspace> bug in searchresults output ([PITS:00846](#), reported by M. Czaplinski, marc, and others).
- Fix numerous E_NOTICE warnings and incorrect constants ([PITS:00853](#), contributed by [Andrew Fyfe?](#)).

Version 2.2.0-beta20 (2007-01-11)

- \$FeedPageListOpt needs to be declared global in feeds.php.
- Add "404 Not Found" status code to ?invalid page name aborts ([PITS:00854](#), suggested by Athan).
- Remove stale entries from \$PageExistsCache when a new [Page Store?](#) is added (reported by Hans).

Version 2.2.0-beta19 (2006-12-29)

- Have blacklist check \$_POST['text'] only when it is set (from a report by Simon).

Version 2.2.0-beta18 (2006-12-28)

- Change \$pagename parameter in [Update Page?\(\)](#) to be passed by reference (suggestion by J. Meijer).
- Fix \$EnableRobotsCloakActions so that it works again with page variables.
- Add "XML Sitemaps" to \$RobotPattern.
- Change [\\$MetaRobots](#) to return "nofollow,noindex" for non-existent pages.
- Prefer "404 Not Found" to "403 Forbidden" for [robots](#) attempting to do invalid actions on non-existent pages.
- Add rel='nofollow' to "create attachment" links.

- Added class='inputbox' to select boxes (suggested by Hans).
- Added .odt, .ods, and .odp file extensions to allowed [uploads](#) (suggested by Algis Kabaila, Robin Sheat, and others).
- Clean up some error warnings ([PITS:00801](#), contributed by psvo).
- Set [\\$ScriptUrl](#) to 'https:' when accessed via SSL link (suggestions from C. Ridderström, H. Fox, [PITS:00410](#), [PITS:00527](#), [PITS:00595](#)).
- Fix bug in link= and trail= options to (: pagelist :) (reported by C. Ridderström).

Version 2.2.0-beta17 (2006-12-13)

- Fix spurious hidden field in (: searchbox :) output (reported by Hans).
- Fix \$CaseConversions array for \xc4\xbf and \xc5\xbf (reported by Petko Yotov).
- Refactor (: input :) markup handling.
- Add (: input select . . . :) markup ([PITS:00567](#)).
- Add (: input default . . . :) markup -- may change before 2.2.0 release.
- Add ability to set defaults for radio/checkbox/select controls.

Version 2.2.0-beta16 (2006-11-10)

- Fix problem with (: e_preview :) directive when viewing an edit form (reported by Dominique Faure).
- Fix out-of-memory problem in scripts/compat1x.php when dealing with large pages to be converted (contributed by Donald Gordon).
- Fix problem of Variable: lines immediately followed by newline (reported by Hans).
- Fix uninitialized variable errors in [Format Table Row?\(\)](#) (reported by Bob Sanders).
- Fix second argument of [Make Base Name?\(\)](#) (provided by Stirling Westrup).

Version 2.2.0-beta15 (2006-10-16)

- Fix bug with displaying multi-line (: var : value :) [page text variables](#) (reported by Pico).
- Improve [Page Store? Is\(\)](#) method slightly, to restrict pagename searches to directories of a given depth (based on an issue reported by Chris Cox).
- Added \$IsBlocked status variable to scripts/blocklist.php.
- Added \$UnapprovedLink array to report unapproved links.
- Added \$TimeISOFmt, [\\$Time ISOZ Fmt?](#), and \$CurrentTimeISO variables.
- Switched scripts/feeds.php to use \$TimeISOZFmt instead of [\\$ISO Time Fmt?](#).
- Added request= option to (: pagelist :), switched pagelist to default to not use url/form parameters.
- Fixed bug with array { \$options } in pagelist.

Version 2.2.0-beta14 (2006-10-06)

- Fix problem with extra parameter to mail when \$NotifyParameters is empty (reported by Tom Lederer).
- Improve configurability of [\\$SearchPatterns](#) (from suggestions by Stirling Westrup).
- Add ability for [\\$WikiWordCount](#) to disable wikiword spacing ([PITS:00327](#)).

Version 2.2.0-beta13 (2006-10-04)

- Fix handling of angle brackets (and potential XSS) in pagelists combined with page text variables (noted by Pico).

Version 2.2.0-beta12 (2006-10-03)

- Added the [Update Page?](#)() function into the core.

Version 2.2.0-beta11 (2006-10-03)

- Added ability to automatically create targets.
- Added sample code to docs/sample-config.php for automatic generation of Category.* pages.
- Fixed character escapes in pagelist {`$$option`} variables.

Version 2.2.0-beta10 (2006-10-02)

- Added {`$$option`} variables to get option values from (:pagelist:) (based on a recipe from Martin Fick).
- Changed {`$PageCount`}, {`$GroupPageCount`}, and {`$GroupCount`} to be {`$$PageCount`}, {`$$GroupPageCount`}, and {`$$GroupCount`}.
- Added {`$BaseName`} page variable and `$BaseNamePatterns`.

Version 2.2.0-beta9 (2006-10-01)

- Fix bug with [\\$EnablePageListProtect](#) (reported by Brent Zupp).
- Added ability to select based on page variables in (:pagelist:).

Version 2.2.0-beta8 (2006-09-30)

- Update scripts/blocklist.php to check only `$_POST['text']` instead of entire markup text.
- Fix bug in pagelist.php that wouldn't return correctly formatted array in certain circumstances (noted by Florian Fischer and [J Dem?](#)).

Version 2.2.0-beta7 (2006-09-30)

- Added scripts/blocklist.php to core.
- Updated handling of `$PageTextVarPatterns`.
- Eliminated need for extra flush() steps in notify.php, pagelist.php.

Version 2.2.0-beta6 (2006-09-27)

- Fix bug with initialization of \$FeedPageListOpt in scripts/feeds.php (reported by Roman).
- Fix bug with over-eager (:textvar:value:) markup (from a bug reported by Chris Cox).

Version 2.2.0-beta4, 2.2.0-beta5 (2006-09-27)

- Fix bug with name= option in pagelist (reported by Ben Wilson).
- Fix bug with array_merge under PHP 5 (reported by Kathryn Andersen).

Version 2.2.0-beta3 (2006-09-26)

- Remove extra <!--> comment at end of table directives (noted by Ben Stallings).
- Fix directive form of page text variables (reported by Kathryn Andersen).
- Add first version of new modular pagelist code.

Version 2.2.0-beta2 (2006-09-25)

- Add support for { \$:var } page text variables, and (:var: . . . :) markup.
- Fix default setting of \$EnableRelativePageVars in docs/sample-config.php .

Version 2.2.0-beta1 (2006-09-25)

- Added { *\$var } page variables (always the currently browsed page).
- Convert link and page variable handling in (:include:) to be relative to the included page.
- Added \$EnableRelativePageVars and \$[Enable Relative Page Links?](#) variables, as well as transition options.
- Added basepage= option to (:include:).
- Updated \$GroupHeaderFmt and \$[Group Footer Fmt?](#) to use basepage= option.
- Adjusted \$MakePageNamePatterns to automatically strip any #... or ?... from the end of a pagename input string (solution to a problem reported by J. Meijer).

Version 2.1.27 (2006-12-11)

- Backport in bug fix for [Table Row Format?](#) (from 2.2.0-beta16).
- Add support for { *\$Variable } syntax (from 2.2.0 page variables).

Version 2.1.26 (2006-09-11)

- Fix a bug with variable referencing that caused feeds.php to get a confused [P Cache?](#) (reported by Helge Larsen).

Version 2.1.25 (2006-09-08)

- Fixed a bug in authuser.php that would fail if \$AuthUser isn't defined (reported by Hans Huijgen).
- Added <!--[XML Header?](#)--> and <!--[XML Footer?](#)--> aliases to <!--[HTML Header?](#)--> and <!--[HTML Footer?](#)--> directives in skin templates (suggested by John Rankin).
- Added \$PageExistsCache (suggested by John Rankin).

Version 2.1.24 (2006-09-06)

- Fixed a bug in authuser.php that had trouble dealing with non-array entries in \$AuthUser (reported by Udo).
- Can now specify authorization groups using \$AuthUser['@group'] entries.
- Can now specify an Apache .htgroup-formatted file for authorization groups via \$AuthUser['htgroup'].

Versions 2.1.21, 2.1.22, 2.1.23 (2006-09-05, 2006-09-06)

- Close a potential security hole with [\\$FarmD](#) when register_globals is set "On".
- Correct a syntax error in feeds.php (noted by Ben Wilson).
- Fix a bug that prevented Pm Wiki from reading page files generated by versions prior to 0.5.6 (discovered by Milan Avramovic).

Version 2.1.20 (2006-09-04)

- Fixed a bug in [\(:attachlist:\)](#) when passed a wikiword argument (reported by Kathryn Andersen).
- Changed [\\$HTMLStylesFmt](#)['markup'] to honor config.php setting (reported by Hans).

Version 2.1.19 (2006-08-30)

- Corrected a bug in the pageindex code that was causing the .pageindex to not update as quickly as it should.
- Slightly changed the handling of 'width' and 'height' in wikistyles.php, so that they can be applied as attributes to and tags.
- Updated the Keep() function to recognize closing block tags as being in the 'B' block pool.
- Fixed a bug with wikistyles and form tags.

Version 2.1.18 (2006-08-28)

- Closed a potential cross-site scripting vulnerability in table markups (reported by JB).
- Added (:input image:) markup (requested by JB).
- Fixed problem with ?action=print failing to set { \$Action } (reported by Bart).

Version 2.1.17 (2006-08-26)

- Added some improvements to IMS caching to better handle logout and authorization actions ([PITS:00573](#), reported by floozy and Henrik Bechmann).

Version 2.1.16 (2006-08-26)

- Added \$SkinLibDirs variable, to select filesystem and url locations where skins may be found (resolves [PITS:00708](#), as reported by Hagan Fox, with additional suggestions from Ben Wilson).
- Changed <!--HeaderText--> to <!--HTMLHeader--> in skin templates, and added an optional <!--HTMLFooter--> directive ([PITS:00767](#)).
- Adjusted the pmwiki and print skins to use the new directives.

Version 2.1.15 (2006-08-25)

- Fixed issue dealing with order of @_site_* passwords (reported by Jean-Fabrice and others).
- Added \$LocalDir variable (requested by John Rankin).
- Removed an unnecessary setting of [\\$DefaultPage](#) in *scripts/pgcust.php* (it's now handled by [Resolve Page Name?\(\)](#)).
- Added some variables and changes in wikistyles.php to better support wikipublisher (contributed by John Rankin).
- [Retrieve Auth Page? \(Pm Wiki Auth?\)](#) now recognizes a \$level of 'ALWAYS' as indicating that access should always be allowed, regardless of current passwords or identities.
- Added filter specifier for [Auth User](#) LDAP authentication (contributed by Balu).

Version 2.1.13, 2.1.14 (2006-08-15, 2006-08-16)

- Updated scripts/authuser.php to allow ldaps://... authentications (contributed by Michael Brenner).
- Fixed problem with numeric passwords introduced in 2.1.beta20 (reported by Christophe David and Dirk Blaas).

Version 2.1.12 (2006-08-07)

- Corrected typo in [Site.Side Bar](#) file (reported by Judith Zacharie).
- Suppressed warning message for search on sites without a wikilib.d/ directory.
- Added capability for nested divs.
- Use \$Transition['nodivnest'] to restore previous non-nesting div/table behavior.
- Including authuser.php now automatically resolves pagename.

- Added (:noaction:) directive to turn off actions.
- Fixed bug in wikistyles prior to image blocks.
- Added white-space as allowed wikistyle (suggested by C. Ridderström).
- Allow colons, hyphens, and dots in id= tags.

Version 2.1.11 (2006-06-09)

- Fixed generation of empty paragraphs around %define= . . . % wikistyles ([PITS:00753](#)).

Version 2.1.10 (2006-06-04)

- Added a around the [Recent Changes?](#) link in the pmwiki skin ([PITS:00750](#), suggested by Hagan Fox).
- Changed the \$Action variable to [\\$Action Title?](#) ([PITS:00749](#), reported by Hagan Fox).
- Changed \$FPLTemplatePageFmt to be an array of pages to be searched for page templates, enabled searching of current page and [Site.Local Templates?](#) page.
- Updated .vspace margin in sidebar for pmwiki skin ([PITS:00751](#), by Hagan Fox).

Version 2.1.9 (2006-06-02)

- Fixed a bug with [[~Author]] links ([PITS:00530](#) reported by Klonk, [PITS:00611](#) reported by weijang, [PITS:00671](#) reported by Stirling Westrup, and helpful clues provided by Clayton Curtis).

Version 2.1.8 (2006-06-01)

- Added ability to specify notification entries from *local/config.php* as well as Site.Notify (suggested by Christophe David).
- Fixed \$Transition['vspace'] from 2.1.7.

Version 2.1.7 (2006-05-31)

- Adjusted width of edit form for IE browsers (contributed by Roman and H. Fox).
- Suppress authentication failure error from LDAP ([PITS:00739](#)).
- Fixed problem with invalid page names resulting in redirect loop ([PITS:00723](#), reported by jojoo).
- Added "Group." and "Group/" page name syntax, resolving [PITS:00736](#) (from a suggestion by Pico).
- Changed handling of "vspace" paragraphs.
- Fixed some XSS vulnerabilities in uploads.php and url links (reported by Moritz Naumann, <http://moritz-naumann.com>).
- Added notify.php script, allowing finer control of email notifications.

Version 2.1.6 (2006-05-22)

- Optimized performance of urlapprove.php.
- Added (:if auth xyz PageName:) syntax.
- Corrected XSS bug in trails.php.
- Slightly improved performance of free links.
- Restore ability to use hyphens in [Inter Map](#) links (reported by Henrik Bechmann).

Version 2.1.4, 2.1.5 (2006-03-29)

- Fixed problem with pagelist-based feeds ([PITS:00709](#), reported by Jon Haupt).
- Added {\$Action} page variable. ([PITS:00696](#), reported by Sebastian Pipping).
- Added stripmagic() around variables submitted to authuser.php.
- Fixed problem with multi-term searches containing special characters ([PITS:00713](#), reported by Leo).
- Switched ([:attachlist:](#)) to use a natural case sort (suggested by H. Fox).

Version 2.1.3 (2006-03-17)

- Re-fixed problem with PHP 5.1.1 and lines= option to (:include:) ([PITS:00620](#)).
- Fixed empty LDAP password issue (reported by Thomas Lederer).

Version 2.1.2 (2006-03-16)

- Fixed / tag mismatches ([PITS:00702](#), reported by Martin Hason).
- Fixed bug with \$AllowPassword and "nopass" (reported by M. Weiner and bram brambring).
-

Improved the speed of RSS and other web feeds when [\\$EnablePageListProtect](#) is not set.

Version 2.1.1 (2006-03-13)

- Fixed a bug with multiple authorization groups as a password ([PITS:00699](#), reported by Ari Epstein).
- Updated the authorization code to be a bit more liberal with password/group settings.
- Updated Pm Wiki.FAQ page to be able to grab FAQ items from other pages in the documentation.

Version 2.1.0 (2006-03-12)

- Many many documentation updates (special thanks to many authors).
- Allow trailing underscores in upload names (requested by Hans).
- Fixed 'ak_print' problem causing accesskey='a' for print (noted by Pico).
- Added code to make sure each anchor is generated only once per page (for XHTML validity).
- Added a \$BlockPattern variable to recognize block HTML tags.
- Made an adjustment to Keep() so that it places strings with block HTML into the 'B' pool.
- Adjusted stdmarkup.php to not produce paragraphs for keep blocks in the 'B' pool.
- Corrected a variety of i18n phrases.
- Added class='escaped' to distinguish @@...@@ from [@...@] (from a comment by Hans).
- Slightly changed styling of .faq divs.
- Made the edit textarea a couple of rows smaller to better fit on smaller displays (suggested by H. Fox).

[ChangeLog Archive](#) - changes prior to version 2.1.0.