Tiki 21.0 was released in March 2020.

It requires PHP 7.2, vs PHP 7.1 for Tiki20.

It is a Long Term Support (LTS) version and will be supported until February March 2025 as per the Tiki lifecycle policy.

If you are upgrading from a previous LTS version, such as Tiki18, you should check out the release notes of Tiki19 and Tiki20. Mainly, you should know that there has been a major change from using Bootstrap 3 to 4, and thus, custom themes need to be adjusted accordingly. It's also possible that some of the built-in themes have been removed, in which case, the site reverts to the default Bootstrap theme. But rest assured that in Tiki, themes are totally independent from features or data, and thus, everything will work normally, even if the look (theme) will be broken. Just pick another theme and carry on 😊
About getting source code

Please note: SVN updates (for all versions of Tiki) will stop in January 2023 when Tiki18 reaches end of life, so you should get your updates from Git.
1. New Features and Improvements

Roberto Kirschbaum wrote:

Big thanks to Xorti for the --use-git option in doc/devtools/release.php. For the first time in History we release Tiki using Git! Thanks also to Jonny for testing a tarball in the process of release.
1.1. Calendar - CalDAV support

- See CalDAV
- https://sourceforge.net/p/tikiwiki/code/71008 via SabreDAV.
- With recurring events
- Calendar Invitations by email
1.2. Console

New actions added to `console.php`:

- **objects:notify-maintainers**: Send out email notification to maintainers for objects whose freshness is greater than the limit. Related: #Tiki_Objects\:_maintainers_and_freshness
- **vcs:automerge**: Semi Auto Merge (for developers)
- **vcs:fixids**: Fix the Id's of SVN Keyword for all files (for developers)
- **vcs:update**: Update SVN to latest version & perform tasks for a smooth update.
- **translation:englishupdate**: Fix English strings after modifying them.
- **translation:getstrings**: Update language.php files with new strings
- **tiki:stats**: Display a table with the KPIs
- **preferences:export**: Export preferences
- **ocr:set**: Set the OCR status of files (Queue, Skip)
- **ocr:status**: Give statistics on file OCR status (Queued, Processing, Finished, Skipped)
- **dev:fixbom**: Fix BOM and line endings for all files (for developers)

See Console
1.3. Contacts - CardDAV support

- See CardDAV
- http://sourceforge.net/p/tikiwiki/code/75195 via SabreDAV. See also CalDAV
1.4. Convert from absolute to relative link

Feature was improved: [https://sourceforge.net/p/tikiwiki/code/71556](https://sourceforge.net/p/tikiwiki/code/71556)
1.5. Custom admin panels

- PluginPreference
- http://sourceforge.net/p/tikiwiki/code/71641
- http://sourceforge.net/p/tikiwiki/code/71653
1.6. Federated search

- PluginList can be used with Federated Search
  - https://sourceforge.net/p/tikiwiki/code/71501
1.7. PDF

- Upgraded from mPDF 7 to 8
  - https://sourceforge.net/p/tikiwiki/code/70622
  - https://sourceforge.net/p/tikiwiki/code/70695
1.8. Progressive Web App

- Offline access via Progressive Web App
1.9. Roles

- Roles
1.10. Sessions

- Improvements in sessions when using mysql/memcached as storage locations
  (Both mechanisms now have lock/unlock grants to avoid race conditions.)
1.11. Templated Groups

- Templated Groups
1.12. Tiki Objects: maintainers and freshness

- Starting with Wiki Pages, Tiki objects now can have maintainers, an update frequency and a freshness, i.e., how long ago it has been updated. Then, when an object becomes too old relative to its update frequency, Tiki will send emails to the maintainers reminding about the need to update it (console.php objects:notify-maintainers)

- See: https://dev.tiki.org/Object-maintainers-and-freshness
- http://sourceforge.net/p/tikiwiki/code/75224

See Object Maintainers and Freshness
1.13. Trackers: ItemsList fields now editable

- ItemsList tracker fields now optionally offer an "Add new item" button and/or an edit and/or a delete icon where the user has those permissions. This allows for dealing with "children items" when you are viewing or editing the "parent item" (1 parent : N children)

- See: https://dev.tiki.org/item7206-Make-ItemsList-Tracker-Fields-Editable

- http://sourceforge.net/p/tikiwiki/code/75296
1.14. Trackers: Field Rules

- Optional new (experimental) feature to allow changes to tracker forms depending on field contents
- See: https://dev.tiki.org/item7207-Add-Conditional-Actions-for-Tracker-Fields
- Documentation coming soon here Tracker Field Rules
1.15. Two-factor authentication support

- Two-factor authentication
1.16. Vue.js support

- VueJS in Tiki
1.17. Webmail

Multiple minor enhancements to the Webmail (Cypht integration). The quality is somewhere between Alpha and Beta. It is in active development and you can expect improvements every few weeks in the 21.x branch.
Zend Framework to Laminas

Tiki21 now uses Laminas
https://framework.zend.com/blog/2020-01-24-laminas-launch
https://getlaminas.org/blog/2020-03-09-transferring-zf-to-laminas.html
ChangeLog

Since branching Tiki 21.x in January 2020 there were at least 22 enhancements (some of them cherry-picked from other branch or back-ported from the master branch) and 261 fixes made on the 21.x branch.

(the ChangeLog below is taken from the Git log on branch 21.x using `git log --reverse --oneline` command)

d95fcf8 [REL] Closing 21.0 RC1 release
b08fcc4 [FIX] Tiki core: version checker needs new VCS suffix added now when we changed it from SVN (to use it for both, Subversion and Git)
7565979 [FIX] Remove error declaration that causes issues when viewing trackers
4a0c236 Merge branch 'fix-view-trackers-js' into '21.x'
d11a0b5 [TRA] Multilingual: Improving translation.
387c1ed [FIX] trackers: Get the field data from the handler if other strategies fail - for instance in the tiki-object-infobox service for category fields
d3725f1 [bp/r75901] [FIX] search index --log option error handler mixup - laminas-stdlib/laminas-log packages were using custom error handler with reset error handler calls while writing log file output - this caused unexpected results while writing Search_Indexer log output, namely custom Tiki error handlers were unset one by one which caused missing errors in the log but they started to appear as standard error output; fix consists of caching the errors and adding to the log file later, when we are out of error handler context
699c5c3 [FIX] quickadmin: Better fix for notices than (my) 09fa3480 to correctly use the display param default if not set
85330c9 [FIX] notices: Uninitialised array in function.menu.php, wrong icon params in function.multilike.php, don’t do @count on non-countable values in poll.tpl
c94228f [FIX] notices: On file gallery control panel
b13dc9e [ENH] Align advanced parameters in PluginCode
905c1ed [bp/r75757] [FIX] Currency field: make it mandatory to choose currency when value is not empty
8073bd [bp/r75757] [FIX] Currency field: make it mandatory to choose currency when value is not empty Adding scss (from r75870)
1084c7 [ENH] Trackers, DynamicList: Add button to Select/Unselect all item of the dynamic list
7c6f679 Revert "[ENH] Trackers, DynamicList: Add button to Select/Unselect all item of the dynamic list"
466f9cc Revert "[bp/r75757] [FIX] Currency field: make it mandatory to choose currency when value is not empty Adding scss (from r75870)"
2e21dfe Revert "[bp/r75757] [FIX] Currency field: make it mandatory to choose currency when value is not empty"
e06553a [REL] Preparing 21.0 release
9323f7d [REL] Update README file for 21.0
834a4ac [REL] Update copyright.txt for 21.0
9012d8c [REL] SecDB for 21.0
12244d3 [REL] Closing 21.0 release
c797589 [FIX] chartjs: Fix options when not using display=pdf. This was an existing var and is an array so needs to be json_encoded (sadly removed in ceac7f93)
aabe8b5 [FIX] search: Notices when using date facets
34566bb [FIX] facet_charts: Only output debugging info if _debug is set, seems that was breaking charts on dev.t.o
3ec669d WIP [TRA] Multilingual: Hebrew translation
4a080e7 WIP [TRA] Multilingual: Hebrew translation 2
d002513 Merge branch 'hebrew-translation-wipmergerequest' into '21.x'
b7d6a3b [FIX] search: Add field hits to the unified search index (thanks @gour)
7f799e1 [FIX] cookies: Convert some client side cookies (tiki_cookies_accepted and javascript_enabled) to server side so safari and firefox will allow expiry longer than 7 days
0056e6e FIX trackers: Notifications should observe visibleBy permissions on individual fields
e9206df [bp/r75930] [ENH] Numeric Field scrolling handling
6544f21d Merge branch 'numeric_field_scroll_space' into 'master'
d492c9b [bp/r76005][ENH] Align advanced parameters in PluginCode
25f639a [FIX] cookies: PHP cookies need expiry set in seconds
844ebf8 [FIX] Fix migration from image galleries to file galleries
6ca836 [FIX] trackers: Missing .php on wiki field edit page button
5a77ebe [UPD] Add php 7.2.5 to the composer platform requirements and run composer install resulting in these automatic minor updates - Updating codeigniter (4.1.3.1 => 4.14.8) - Updating bower-asset/fontawesome (5.12.1 => 5.13.0) - Updating laminas/laminas-feed (2.12.0 => 2.12.1) - Updating laminas/laminas-i18n (2.10.1 => 2.10.2) - Updating laminas/laminas-ldap (2.10.1 => 2.10.2) - Updating laminas/laminas-validator (2.13.1 => 2.13.2) - Updating league/commonmark (1.3.1 => 1.3.2) - Updating phpseclib/phpseclib (2.0.25 => 2.0.26) - Updating studio-42/elfinder (2.1.53 => 2.1.55) - Updating psr/log (1.1.2 => 1.1.3)
81836ba [FIX] add missing viewgroup param in trackerlist params
81c31d9 [ENH] add options for 'Group can see their own items' and group ownership to GroupSelector fields - enhance permission system to support ability for users in specific group to view items associated with that group
9b1b917 [TRA] More translations
9e3e036 [TRA] Add some translations
c42de92 [FIX] console: Missed a temp directory templates.c in MultiTikiMoveCommand
104daa [FIX] trackers: Fix rebuild notices
2105881 [ENH] Search: Add progress bar to index:rebuild console command - still TODO same for browser based rebuild, fallback index and more refinements
1c40374 [FIX] search: Fix tests broken by rebuild progress meter [ENH] - require once timer.class.php as it is in tiki-setup.php, and update expected stats returned by rebuild
cc66945 [FIX] routes: Fix custom routing when there is no database (don’t do it)
e1714de1 [ENH] add commonmark-extras extension to Markdown plugin
c090dbf [FIX] Structures: Navigation arrows were under next page link added margin to display them properly
8b39907 [FIX] Do not fail on an exception when an upload site has more than one page which start in the same way
2eaa250 [SYNC] sync .editorconfig with TikiCodeStyleSettings PhpStorm.xml settings
2239f4a [FIX] Server Check: Avoid PHP "Notice: Undefined variable" when PHP exec() function is disabled
3266d36 [FIX] OCR lib and Server Check: Avoid PHP "Notice: Undefined variable" when PHP exec() function is disabled
0a70b3 just fixing some phpcs errors
bd300b oops, one missed
6c04aeb [REF][FIX] Server Check: PHPCS errors fixed (ran php vendor bundle/vendor/squizlabs/php_codesniffer/bin/phpcbf tiki-check.php)
0dbdd0b [REF] There was an extra debug line in commit 80399e77c65fa5bc5a7b5ae1da3e7e1549d115bae (oops)
58c6715 [FIX] There was an extra debug line in commit 80399e77c65fa5bc5a7b5ae1da3e7e1549d115bae (oops) and syntax warnings
b8ebtf38 [ENH][UX] Pivot tables: indicate that the table cell is clickable by using cursor: pointer (why is _pivot-tiki.scss not compiling to tiki_base.css? Takes ages to compile all the themes while the look is basically the same for all of them)
2184ffe [ENH] tracker rules: Add custom text to display as the error message for the Required action
dafef2f [FIX] tracker rules: Some operators do not need arguments
2777ca [FIX] tracker rules: Required action is now a Text argument
deecf47 [FIX] elfinder: Add a prefer to disable debug mode as now php warnings are displayed over the gallery listings when enabled
3cd6b01 [FIX] elfinder: Fix notices where some permissions are missing, e.g. for non-admin users in user file galleries
aac67f5 [ENH] Allow composer to update vendor bundled dependencies and check, check for external package sources
f8b1fd [FIX] intertiki: Possibly missed fixed in f5f208b, $remote_logout was undefined otherwise...
0fd4dbf [FIX] White screen after tiki install
bc298ce [FIX] Update secdb filename to reflect current database version tiki-secdb_21.1vcs_mysql.sql
4ff9932 [UX] Make it more clear what belongs together in the page
07ea4f5 [FIX] PatchCypht - use composer FileSystem util to copy cyphf stock assets rather than shell exec cp command
be59199 [ENH] Improve gitlab mr script to allow create in target project id
e25be6f [REF][FIX] Modules: PHPCS errors fixed (ran php vendor bundle/vendor/squizlabs/php_codesniffer/bin/phpcbf modules/)
00d554a [REF][FIX] Control Panels (Admin): PHPCS errors fixed (ran php vendor bundle/vendor/squizlabs/php_codesniffer/bin/phpcbf admin/)
afdd17a [REF][FIX] Dev Tools: PHPCS errors fixed (ran php vendor bundle/vendor/squizlabs/php_codesniffer/bin/phpcbf doc/)
1948f72 [FIX] Installer: PHPCS errors fixed (ran php vendor bundle/vendor/squizlabs/php_codesniffer/bin/phpcbf installer/)
4074c60 [FIX][REF] PermissionCheck: PHPCS errors fixed (ran php vendor bundle/vendor/squizlabs/php_codesniffer/bin/phpcbf permissioncheck/)
45595eef [REF][FIX] Themes files: PHPCS errors fixed (ran php vendor bundle/vendor/squizlabs/php_codesniffer/bin/phpcbf themes/)
5fb6275 [WEB] webservices: Better button classes
24eeeb1e auth: Fix form for session/login (post) type of authentication arguments now it is no longer a table (apologies)
5328338 auth: Remove previously displayed args before adding the new ones
617818b auth: Allow "HTTP Session/Login" content authentication to use a Bearer authorisation token to be returned from an oauth2 login post
20cfeac [REM] Remove viewerjs feature
04163d3d [FIX] Trackers: Mandatory currency for the currency field
cf01c0b [rb/MR341] Revertt "[REM] Remove viewerjs feature"
59c4d4 [FIX] remarksbox: Change the default tag for the remarksbox title from H4 to a DIV (optionally) because as an H4 it adds unwanted semantic meaning and often prevents autotoc working properly. Also added a class for the title (defaults to “alert-heading h4” so looks the same) and while there add some missing defaults, make it possible to have an remarksbox without a title or an icon and simplify some logic.

3e25a63 [REF][FIX] PluginTracker: PHPCS errors fixed following 353 merge request (ran phpcbf lib/wiki-plugins/wikiplugin_tracker.php)

e9034f6 [FIX] Send newsletter even if recipient address has leading or trailing whitespace

e0ab61f [FIX] installer: Fix the shortcut button to the install/update step again (please stop breaking this!)

9aedd43 [ENH] Support and test PHP 7.4

05b2ff9 [FIX] User Mentions: notification emails were missing the path when Tiki is installed in subdirectory + url encode page names with spaces so the whole link is clickable and leads to correct page.

e189447 [bp/r76105] [FIX] Tracker: Currency field: fix the behavior of the currency field validation when javascript is disabled

f89a10f [FIX] fix redirect to undefined page in pluginbutton if data-attribute empty

03df66d [UPD] Update 21.x vendor bundled dependencies

46df24a [bp/r76215] [FIX] cyphnt integration: stop copying stock assets to Tiki codebase; fix paths to markdown and other cyphnt features depending on stock assets work

10636fd [bp/r76217] [FIX] remove unused cyphnt stock assets

d8bf5a7 [bp/r76221] [FIX] cyphnt integration mixing session content between plugin and tiki-webmail

c1af5f2 [FIX] Wiki page: Missing translation tags added to the modal when removing page(s).

fca93fd [FIX] trackers: Add missing getProvidedFields and getGlobalFields on category fields

8e97680 [bp/r76876] [FIX] Tracker item history observe field permissions - if you are not allowed to see a field, why can you see item history of changes for that field?

6e25b1b [FIX] trackers: Fix GroupSelect default group for non-admins - use the actual autoassign option on the input (not been fixed since tiki 67) and check the user is in one of the groups allowed by the "group Filter" (groupId) option and pick the best one

54d7bca [bp/r76225] [FIX] add missing provided fields declarations to certain tracker fields exposing more than the default indexable fields

15a7163 [FIX] tiki webmail and plugin cyphnt - reload session/config when switching users

ae18f85 [FIX] search: Don’t add quotes around select values with spaces because the DOM createElement('option') fn does that for us (previously didn’t in 2017 when i added this with and without spaces and tried enclosing “search terms in escaped quotes”) and it seems to make no difference, but with this code removed now we can search for tracker_status “o OR p” etc and the logic works

df4a5b4 [bp/r76239] [FIX] default plugin cyphnt settings initialization

9df0d45 [FIX] 2fa: Fix user prefs when imagick is required (as it’s not required in tiki), also return false on the button click handler and remove an unused var assignment

143865f [FIX] trackers: Use the field handler to get the value for UserPreference fields since they are not stored in the database. The tracker values and the prefs were getting wiped out whenever an item was being related to another and the refresh option was enabled.

3c738fd [FIX] trackers: Set the correct option for timezones in user pref fields, also the "Other" value for country.

4d62273 [FIX] forums: Remove duplicated forum title - left over from add-ons removal (thanks @gary.cunningham-lee) There may be others...

3f9a31e [UPD] Update 21.x vendor bundled dependencies

5e65723 [FIX] userlinks: Don’t render invalid empty (duplicated) id attributes, same for title and remove some duplicated code

d1daa9f [FIX] menus: Fix dragging menu options broken due to bootstrap/flex changes i think (thanks @jahem, should address wish7260) Also fix horizontal menu preview (smart menus still to do)

12a1521 [FIX] click-modal: Replace the nullish operator with a simple OR one, as that’s not supported yet by enough browsers. Also look for the modal-submit-direct-url data attribute on the link parent for wiki syntax cases where a simple link is inside a div plugin.

3de6b23 [FIX] search: Add facet data to the serialized output from tiki-searchindex.php if enabled

c0655017 [FIX] Fix issue in external links where link and label are equal

19ed0a7 [FIX] menus: Prevent clicks on menu items with child options on the login module menu from closing the dropdown containing it

63a4ae86 [FIX] Wiki page: Missing and misplaced tags broke the translation to the confirmation modal when removing page(s).

5f49e67 [FIX] forums: Fix broken html due to orphaned close tag appearing when Stiki p forum post = n (as anon for instance) Some reformatting was required...

8b588d8 [FIX] forums: Scrolling to the post referred to in the #threadIdXX url hash like comments do

54277fd [FIX] Search: SYFonym process deprecation notices

d73c865 [UK] [FIX] Bring the tick icon to selected options when using chosen

62e3ea7 [UK] [FIX] Remove &nbsp from labels option so chosen to render select input as it should be

0ae2c85 [FIX] search: Add page_id to the index for wiki pages (sometimes easier to use than the title/object_id)

659501e [UPD] Update 21.x vendor bundled dependencies

9f6b6f2 [FIX] Fallback indexation should not mean the queue

b626952 [FIX] Incremental changes are indexed to live index while reindexing

4117a41 [FIX] MySQL index queue incremental changes to be appended after finish re-indexation

8fa54e4 [ENH] Add missing method visibility to methods (coding-standards)
9e49b19 [FIX] Fix wikiplugin_preference
0649f11 [TRA] Multilingual: hebrew translation addition
de3a7f0 [FIX] Mail queue needs to be able to process the new class (Zend namespace was renamed as Laminas)
381f834 [UPD] Update 21.x vendor bundled dependencies
921f3d6 [WIKI] Wiki page edit: after saving the edited page display the actual current version in the "compare the versions" link and not always the last version (thanks Marc)
7fa318a [ENH] add preference to exclude indexing non-searchable tracker fields
59c01f3 [ENH] add preference to shorten tracker field names in mysql search index to allow greater number of fields in the index
b8c799b [FIX] trackers: Don't show warning if the user isn't in one of the GroupSelector groups to admins (as they can override that) Also, use specific tracker's perms not the global $tiki_p_admin_trackers
aa2723a [ENH] trackers: Add an icon for fields with rules on the field list
fd6a9f9 [FIX] trackers: Show a decent error message if the argument for a rule is not provided but is required
f546a76 [FIX] trackers: Escape quotes in error message for missing argument (oops)
543ed3c [FIX] trackers: Fix "addItems" option button when the field is set to selectMultipleValues
d222e1a [FIX] A bunch of spaces added in description field when creating a calendar
3f8d784 [FIX] reCaptcha: Remove the function of generating the token to the logged-in users
cf4bc30 [GROUPS] Missing parameter for add group
a77c7f [GROUPS] Allow groups with inheriting children to be modified (not sure if this is the right fix, but allows group editing again - can you check please @nelsonko?) Hopefully fixes wish7325 and https://tiki.org/forumthread73684
14f6a75 [GROUPS] groups: Remove reminder comment that was on the wrong line anyway
8429d63 [FIX] support ES 7.0+ with deprecated mapping doc types, removed standard filter tokenizer and possibly relative number of hits
ca5a346 [FIX] search: Elasticsearch 7.x seems to need timestamps with a capital T between the date and time, also tested with es6 and es5 and they don't seem to mind (fixes broken test \Search Index BaseTest::testRangeFilter)
7cfb7a0 [FIX] search: Elasticsearch 7.x fails fatally with "failed to parse, document is empty" when a value cannot be json encoded (5 and 6 seemed to be ok with that), so expose the error and id and index an empty object, also add more info to error reports to make diagnosis possible.
4e26e9c [FIX] search: duplicate feedback error as a php error so it gets logged while indexing (thanks @kroky)
3cb7e76 [FIX] search: Add back support for ES1 and 2 settings (thanks again @kroky)
1082f73 [TESTING] Testing of the preference was always returning true
96b0e0c [GROUPS] popovers: in attribute whitelists, replace href attribute with action for forms and whitelist additional attributes used in anchor and button tags
57c539 [FIX] search: Remove empty facet parameters from the searchindex url
0efe628 [FIX] search: Make Excluded facets pref a text area
06a9bc6 [FIX] search: Temporarily exclude the two date range facets from tiki-searchindex.php as they don't work
b1a7d7a [ADMIN] Admin users and list pages were blank in french
45dce25 [FIX] upgrade sabredav to latest stable
5861bbc [FIX] File Galleries: Adding hebrew translation for file upload (js)
58c64ff [FIX] File Galleries: Adding french translation for file upload (js)
f034bfb [UPD] Update 21.x vendor bundled dependencies
7901918 [ADMIN] Admin users and list pages were blank in french
45dce25 [FIX] upgrade sabredav to latest stable
58b1bce [PHP] Fix tracker legacy export - arrays initialised as strings (thanks Geoff)
ffea99b [FIX] Making The PluginTour buttons work
641d815 [FIX] trackers: getFieldData returns an array with value as a key
8d039c0 [FIX] trackers: Use teh field's renderInnerOutput in csv mode to render the new value for the diff. Shows date, categories etc properly now...
f9b0b9d [FIX] trackers: Fix empty rule sets
e62ff0f [FIX] trackers: Fix defaults for rules params in tracker plugin
c6ae9f6 [FIX] wikiplugin Swiper: fix a 404 error as the plugin is expecting an url. Should be empty by default (no url).
cdcb69c [FIX] File Galleries: Translation for uploading files has been broken. Used Cancel instead of Abort for consistency
8328987 [TRA] File Galleries: Adding french translation for file upload (js)
03575f23 [TRA] File Galleries: Adding hebrew translation for file upload (js)
eaan1a2 [FIX] multiple ListExecute plugins on one page did not properly execute action on all items in one plugin only
afc3168 [FIX] calendar invitations not working with user selector type of object selector with smart search instead of dropdown
121499f [FIX] changing calendars when creating a calendar item loads an empty or single-letter participant
86c9d8d [FIX] Search: Fix for user selector fields in custom search forms, where the multiple option is set to "2" (filterable by group) which needs the original field id (does that help @robertokir?)
59c01f3 [UPD] Add inner output for Numeric, Currency and Relation fields and fix tracker item diff for them as well as old output for all field types
6c2b001 [FIX] trackers: Fix the "old" value history rendering for category fields ($new is already an array) Thanks @kroky for the heavy lifting! :)
c2dd4c1 [ENH] Plugin Cypt: Change parameters
0889e6a [MOD] Plugin Cypt: Change default value of somes parameters
e42285e [MOD] Plugin cypt: Assign the default value for the selection list options to No
72464c9 [UPD] Update 21.x vendor bundled dependencies
3a34065 [FIX] tracker-rules: Try to prevent exceptions in ui-predicate when a field has changed (to or from multiple) or has just been
removed, resulting in corrupted rules

921932a [FIX] tracker-rules: Add a reset button to clear any rules on a field (not pretty but all the vue.js ways don't seem to work for me)
e63a134 [EMH] tracker-rules: Make the date operators work, after, before and on (for on the same day) Also add a note about how the syntax is processed...
b4ab8e8 [FIX] make UserGroups save actual value at time of entry instead of Array string even though output value is always rendered looking up user's groups; also make item history diff show actual user groups
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599984f [ENH] Update doc page iframes to the new doc.t.o pages. It needs backpointing to 21.x at some point of course
21c10bee [FIX] Tracker field rules needs this vue.js pref (which I couldn't find through the control panel search box misteriously). Expose other related prefs also. It needs backpointing to 21.x at some point of course
e73dd5f [UPD] Update 21.x vendor bundled dependencies
e641c8f [FIX] This is not testing syntax, it actually runs the profile
2a99c6c [FIX] Reset converses environment after user login/logout
c5e6761 [FIX] userprefs: Untangle mess of having two forms with the same submit action, which meant saving the info tab reset the prefs, and saving prefs tab reset the info. No idea how it got so bad but it was a while ago... at least before in 18.x (hopefully will address wishes 7249 and 6758, thanks hman)
1c73911 [REL] Add missing releases
af35485 [REL] Update notifier files
343649f [FIX] encoding: Don't double encode strings in the smarty escape modifier - fixes issues with html entities showing ItemsList fields etc
aeef299 [FIX] Remove some notices during MySQL indexing process
044a9f0 [FIX] Satisfy phpcs
3a3375a [FIX] menus: Make smart menus easier to find
0b9c12 [FIX] menus: Cope with menus where children of section 0 level (s) items all have the same numeric level (e.g. 1) but don't themselves have any children in both rendering and admin. This happens when menus are created by rendering, but could also be a problem in upgrades from pre-bootstrap Tikis.
62eb4f2 [FIX] Wikiplugin: The Label of the wikiplugin button was not translated
7e6ce0f [FIX] Wikiplugin: The Label of the wikiplugin button was not translated
7b3056e [FIX] Wikiplugin: The Label of the wikiplugin button was not translated
034f2c3 [FIX] Wikiplugin: The Label of the wikiplugin button was not translated
9f19261 [UPD] Update 21.x vendor bundled dependencies
34e12b5 [FIX] Increase the message column in tiki-mail-queue to LONGTEXT
c977928 [FIX] prevent redirection from smarty->fetch tiki-modules initial init that checks for post redirect variable when updating tracker item - ItemsList and possibly other field types rendered output fields of listed items which caused smarty->fetch cycle to actually do a redirect before saving the tracker item
82f9503 [FIX] Profiles: Allow user to apply profiles via 'Profiles Wizard'
d5570d2 [FIX] trackers: Make sure inline editing inputs are at least 2 chars wide
0e5652 [UPD] Update 21.x vendor bundled dependencies
762dc01 [FIX] ajax: Check $GET for controller and action for filtering as well, and add request vars used by templates to the config
9b03f77 Revert "[FIX] ajax: Check $GET for controller and action for filtering as well, and add request vars used by templates to the config"
ec610f4 [FIX] wysiwyg: Fix img parsing for wysiwyg editing when lazy image loading is enabled
3856170 [bp/r76685] [ENH] site closed: add feedback when login fails
789475c [FIX] wysiwyg: Fix 'parse to wiki' on external links with encoded pipe chars in the href (fixes test added in previous commit)
38131de [UPD] Update 21.x vendor bundled dependencies
4691800 [ENH] search: Add similar filter for list plugin and friends - usage: * similar to current: {filter similar="this"} or {filter similar=""} * similar to tracker item {filter similar="trackeritem:42"} Requires elasticsearch
5d2e263 [FIX] search: Fix the addition of asterisks to all terms in a wildcard search (added in 29137f36) and remove the term 'AND' from the query string which were causing the plugin search on the textareas control panel to always fail with elasticsearch (Tested on ES5, 6 and 7 and mysql and test suite runs ok)
bb90b9a [ENH] perms: Add object and type params to wikiplugin perms so you can use object permissions other than the "current" object
d54e056 [FIX] forums: Replace home grown quoted printable decode function with the php one. Was causing encoding errors on the string 'W3099' which was turning into a char not storable in mysql, even with utf8mb4. Should fix tiki.org/forum26 which is the dev list mirror forum and has been offline (WSoD) for 7 months - thanks Oliver :)
8c621cd [FIX] Fix issue in scheduler runs to hide the end date when scheduler is running
4761d9c [FIX] Fix tracker files field preview for txt files
58bfed7 [FIX] Tracker Field Files: fix video image preview
c021d63 [FIX] Bug in php implode function call
381379c Update coding standards on changed files
2a3e3516 [FIX] Fix wikiplugin sql and wikiplugin dbreport column names could not be retrieved using pdo_oci * wikiplugin dbreport variable parsing not working * wikiplugin sql variable arguments / variable parsing not working
3972884 [ENH] Set a new preference to show/hide templated groups features
722e2c [bp/ce081d59a7] [FIX] Make strings translatable. Plus missing helper classes
1ba91ee [FIX] img: Make Lazy Loading optional per image even if installed and enabled globally
c472d1e [ENH] Add parameters to add to audit log or csv file
b47df15 [FIX] ajax: Check $REQUEST in Services Tracker Controller::action_preview_item (thanks @robertokir)
e1741bf [FIX] Assign category type and id to allow customize module printing
427b446 [FIX] Fix scheduler stalled/healed messages
Unified Search: When using fallback index, the main index ends up deleted at the end of the indexing process, due to index cache.

Comments: Fix moderation links for CSRF checks

Admin modules: Make remove button on module edit dialogs work again with csrf protection (thanks Jonny!)

Admin modules: Make remove icon in module hover controls work again with csrf protection when on the admin modules page (thanks Jonny!)

Fix: modules: Space the moduleflip icons out better (thanks Lindon for fixing the unassign one!)

Fix: comments: Scroll to the comment added or edited rather than the one indicated by threadId on the url hash

Fix: 0ac859f [ENH] Tip added about where to find the "revert" profile. Thanks Ricardo

Fix: 88d1859 [ENH] Use updated pages for the featured profiles we tweaked during the Virtual Tiki Fest 2020. Thanks to all who participated in the virtual tiki fest (and later) tweaking these featured profiles

Fix: 5b65f22 [UPD] Update 21.x vendor bundled dependencies

Fix: c50cf5e [FIX] tracker-rules: Fix js errors when the target element is not in the DOM, e.g. when in an incomplete pretty tracker template. Also improve string concatenation.

Fix: 8ac859f [ENH] Observe showfielddesc param in pretty tracker templates (thanks marclaporte)

Fix: 96e90bd [FIX] modules: Push the compact mode search buttons popup forward one z level to be on top of the module show/hide icons

UPD: c50cf5e [UPD] Update 21.x vendor bundled dependencies

Fix: 1d85275 [FIX] PluginTogether - add custom param for the hub url address if default one is not working or needs to be avoided

Fix: 1229aa8 [FIX] Wiki pages: Allow plugins in Plugin Help to be used more than once in an edit session

Fix: 2a3f465 [FIX] plugins: Change the binding of the modal handler from "on" to "one" which makes subsequent plugin additions use the right plugin type and combine it with the other modal functions (also avoid adding an unnecessary space in empty plugins)

Fix: b45b289 [FIX] Fix release script to count contributors correctly

Fix: bb543f8 [Fix] Fix coding standards

Fix: 13cb7dc [FIX] Improve filter pattern

Fix: be471f0 [FIX] user bug

Fix: 90c2fac [FIX] search: Filter search params

Fix: f5ed504 [FIX] user checks

Fix: 04f0bd8 [REL] Preparing 21.2 release

Fix: fa5872c [REL] Update README file for 21.2

Fix: 527fca6 [REL] Update language.php files for 21.2

Fix: 49cdef7 [REL] Update changelog.txt for 21.2

Fix: 2d8af81 [REL] Update changelog.txt for 21.2

Fix: 8670cb3 [REL] Update copyright.txt for 21.2

Fix: 63116fc [REL] SecDB for 21.2

Fix: fd7f8fd [FIX] Closing 21.2 release

Fix: 4b081a3 [ENH] Add option --all to command package:update

Fix: 1b35683 [FIX] Fix package:package command with missing functionality

Fix: 87aaffe [FIX] Fix diagram editing saving issue with included pages

Fix: bd5a3bf [FIX] Revert "[FIX] Wiki pages: Allow plugins in Plugin Help to be used more than once in an edit session"

Fix: fc80588 [FIX] trackers: Add missing parameter for preserving tracker id when importing a tracker structure. (This doesn't fix the fact that importing a tracker structure when not preserving the id is broken since this commit: https://gitlab.com/tikiwiki/tiki/-/commit/ab444b8b7502f4b6eda1b05c0d0dbd407d8effdfe0)

Fix: 32a6d03 [UPD] cypht files updated by composer install

Fix: 4a889b9 [FIX] banning: Avoid errors when $tikilib or $user is not defined (like in ajax services). Also allow for better error handling with ajax services.

Fix: dd36d13 [FIX] PHP 7.4 - Curly brackets deprecated

Fix: 4a0b1b7 [FIX] trackers: Allow model size to be set on tracker item actions menu

Fix: ee1228f [JS] jsdetection: Another attempt to fix theongoing javascript detection issue and avoid the "problem occurred" dialog incorrectly showing

Fix: 14fe16c [FIX] Fix issue removing Content Type header when does not exist

Fix: 9b8b90d [Update] Update file coding standards

Fix: 87e271f [UPD] Update 21.x vendor bundled dependencies

Fix: f4a4d9 [FIX] modules: Remove the clearfix class from all module zones as this was making .d-flex.justify-content-between not use the full width of the div for unknown reasons... Also remove .content which is no longer defined in tiki (thanks luciash, well spotted)

Fix: 0e93226 [FIX] Fix issue in wikiplugin preference when validating currentpage value to display preferences

Fix: ee796a9 [FIX] Use a more precise permission check. If you can download the file, you can display the preview, even if you don't have the permission to view the whole gallery. Useful for special cases when permissions are set to be different for different files in a same gallery.

Fix: c686557 [FIX] check list users permission when listing principals in CalDav/CardDav server

Fix: 6696d7b [AVOID] avoid using wrong formula in math calculation involving calculation of values for other tracker fields due to static nature of the formula runner

Fix: 77832b8 [ELASTICSEARCH] Error where document is more than allowed 32766 bytes due to UTF-8 chars taking more than one byte
f1eb955 [ENH] Increase benchmark numbers to get better metrics

e108897 [FIX] Fix issue with empty dbs_tiki global variable

5b8e40a [UPD] Update 21.x vendor bundled dependencies

3c42747 [ENH] Allow mathematics to work with currency fields/values more seamlessly - e.g. (add currency field another currency field)

5261d8c [FIX] Currency calculations - don't choke on empty field values but convert to zero and continue calculation

094545b [FIX] Tracker math field fix for 'variable not found' errors when using IF functions and re-calculation upon indexing - some children of IF function were never traversed when inspecting the formula and thus variables were never filled in to be used by calculation cycle later.

fc35ead [FIX] Convert math formula output to string before sending to search index - we need this for cases where Currency calculations are used or for other potential objects are the result of calculations which return the __toString method.

918e69b [FIX] Divide by zero error showing as feedback rather than exception (all math functions throw exceptions for such errors) and suppressing the error in case formula is inspected (in which case all data is zero)

c0627e9 [FIX] Rebuild search index logging - send feedback messages to log file when log option is used and also rebuild stats

3d8ca35 [FIX] Math calculation with currencies - try to parse math functions output that is a currency object back to currency object, so math functions in other fields works with currencies (waterfall concept) Note: Math field currency output currently do not hold information about rates and date of transaction, so conversions with them rely on other currency fields. E.g. if you use a math function on 2 math fields that are currency calculations you will loose the conversion data

4a8e2e7 [FIX] Suppress index rebuild soft errors about missing parameter in UserGroups field

f93c5bf [ENH] Add currency-convert math function and search for default exchange rates tracker when parsing a currency string

242b3c9 [FIX] Currency math calculation fixes - operations on numbers and currencies allowed when first argument is not a currency

860ab47 [FIX] Allow math field to mirror output behavior from another field - useful for currency calculations, itemlink or other fields

Calculations where the output must be similar to the output of those fields

ae6cc85 [ENH] Add filter collection to Math field - allow it to inherit configuration from mirrored field or allow basic

fulltext/initial/exact match searches on the formula output

73a73e9 [FIX] Math field mirroring another field: replace base key with math field key when using mirrored field filtering

a23be2c [ENH] Add numeric field range filters and include relevant tests (+ fix Lucene numeric range filter)

e4059a4 [FIX] Default currency fix when converting to base currency upon tracker field currency output

341c07d [ENH] Add Currency field base value to search index; add currency range filter; add math mirrored field indexable content

8620455 [FIX] Deprecated Elasticsearch range query syntax - use gte/lte over from/to and make lower/upper bounds inclusive (was excluding upper bound up to now)

4a8e66b [ENH] Add missing numeric range filter to wiki filters syntax

70992e9 [FIX] Search index: field counting in mysql was counting documents rather than actual index fields; elastic was working mostly ok but had a minor issue with empty variable checking

b7316c3 [FIX] Add currency value formatter to work with math mirrored currency fields and update output to use smarty function designed for currency field output

cc39871 [ENH] Math mirror field option: don't offer mirroring to itself, allow using field from another tracker, add fieldId to search lookup, add mirror option to list of fields

74837bb [FIX] Load currency smartfancy function before using it

d58419f [FIX] Several fixes for currency calculations: implemented dropped support for currency formatter target_currency param; reuse calculations in Math Formula Currency; use default currency for base field values; round filter comparisons for more appropriate results

ab08524 [ENH] Trigger errors when math field calculations fail when re-indexing, so they can end up in error log besides the tracker field contents

5df284a [FIX] Currency field able to accept negative values

2573e03 [ENH] Allow Relation field contents to be used in Math calculations similar to ItemsList - i.e. expose formatted data coming from related entities as fields to use in math calculations in the same tracker

6c54b2a [FIX] Relation field data gathering for Math calculations - skip related objects which user does not have permission to see

9057c7b [FIX] Using mirror math field in currency value formatter is now working with mirrored fields from other trackers

33869a5 [FIX] Trackers: Avoid fatal error when mirror field is not found (discovered while re-indexing)

ff3ecad [FIX] Trackers: Avoid fatal error when exchange rate tracker is not found (discovered while re-indexing)

4b9577d [ENH] Add Currency field base value to search index; add currency range filter; add math mirrored field indexable content

883ad81 [BP/R77037] [FIX] Fix regression which broke subtree param

1922f56 [FIX] Php74: Only variables can be passed by reference

dfc2590 [ENH] Save col/row sort order in Pivotable plugin, add as plugin params, make plugin params save operation from within PivotUI skip overriding non-pivot plugin params

2263059 [ENH] Add displayBeforeFilter pivotable plugin option to skip searching and displaying results on initial page load when 'editable' filters are used for user-entered input filters

e27f888 [FIX] Smarty internal templates used for smarty function outputs did not have the basic variables assigned as prefs which caused issues using these variables in templates (e.g. ObjectSelector of ItemLink filter)

4b39e07 [FIX] Variable pass by reference issue with smarty internal template change

cf8d04d [FIX] SeFurl: Append the tracker item title to the prefix alias sefurl if the pref feature_sefurl_title_trackeritem is set to do so (refactored function from tiki-sefurl.php into trackerlib.php)

ca0ac39 [BP/R77044] [TRA] Some uppercase accented characters

ad5259 [UK] Tablesorter: Restore sort arrow colors so that they are visible; restore filter contrast; restore filter row background color.

Essentially reverts svn commits 66736, 66831 and 67904.
[FIX] admin users: Emails were being hidden due to $perms check not being reachable as a result of https://gitlab.com/tikiwiki/tiki/-/commit/acf0c68c8366da405f29e5abc3a42bf7e7758b5f

[FIX] tablesorter: Exclude tables using tablesorter from javascript code that duplicates the action column as the first column in certain cases, thereby avoiding issues with the table header and unnecessary application of filter and sort fields. Tablesorter allows for easy access to the action column through scrolling or the column selector settings, which also work in mobile browsers, so don’t think this is needed. If it is considered needed, the code would need to be improved and potentially handled within the tablesorter code.

[FIX] tablesorter: Do not use the select all/none onclick function in tables where tablesorter is being used. Tablesorter handles select all/none checkboxes and having both causes bugs that result in unselect all to not work in some cases

[bp/r77055] [FIX] tablesorter: Implement tablesorter parameter for the select_all smarty function so that the select all/none onclick function is not used in tables where tablesorter is applied. Tablesorter handles select all/none checkboxes and having both causes bugs that result in unselect all to not work in some cases

[bp/r77055] [FIX] tablesorter: Missed one implementation of tablesorter parameter for the select_all smarty function so that the select all/none onclick function is not used in tables where tablesorter is applied. Tablesorter handles select all/none checkboxes and having both causes bugs that result in unselect all to not work in some cases

[FIX] empty categories query failing when using Elasticsearch - remove empty bool/and clauses from the query

[FIX] empty Elasticsearch queries with non-empty NOT clauses

[FIX] ItemsList matching by category field - make it work for multiple categories selected in the same field (not sure why this works but thanks to @mnsuccess for MR !435)
Commits tagged ENH

[rb/71588][ENH] Hide button when the user doesn't have permission to see the link of that button
[ENH] listexecute: Allow TrackerItemModify to update tracker items ignoring mandatory and validation errors
[ENH] tracker-rules: A couple of new operators for Collections
[ENH] Adding a target attribute for the url of the plugin button.
[ENH] Align advanced parameters in PluginCode
[ENH] Trackers, DynamicList: Add button to Select/Unselect all item of the dynamic list
[bp/r75930] [ENH] Numeric Field scrolling handling
[bp/r76005][ENH] Align advanced parameters in PluginCode
[FIX][ENH][UX] Pivot tables: indicate that the table cell is clickable by using cursor: pointer (why is _pivot-tiki.scss not compiling to tiki base.css? Takes ages to compile all the themes while the look is basically same for all of them)
[ENH] tracker rules: Add custom text to display as the error message for the Required action
[ENH] Allow composer to update vendor bundled dependencies and if changed, check for external package sources
[ENH] Improve gitlab mr script to allow create in target project id
[ENH] Support and test PHP 7.4
[ENH] Plugin Cyph: Change parameters
[bp/r76685] [ENH] site closed: add feedback when login fails
[ENH] search: Add similar filter for list plugin and friends - usage:
  * similar to current: `{filter similar="this"}` or `{filter similar=""}`
  * similar to tracker item `{filter similar="trackeritem:42"}`
    Requires elasticsearch

[ENH] Set a new preference to show/hide templated groups features
[ENH] Tip added about where to find the "revert" profile. Thanks Ricardo
[ENH] Use updated pages for the featured profiles we tweaked during the Virtual Tiki Fest 2020. Thanks to all who participated in the virtual tiki fest (and later) tweaking these featured profiles
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[ENH] add displayBeforeFilter pivottable plugin option to skip searching and displaying results on initial page load when 'editable' filters are used for user-entered input filters
2. General upgrade notes

Also, see the standard information about Upgrades in Tiki.
3. Related

Pages linking to this one

- PluginTogether
- Unified Index Comparison
- Upgrade
- Progressive Web App
- Cypht Integration status
- PluginListExecute
- Calculations
- Webmail
- Requirements
- krav
- Two-factor authentication
- Tiki24from21
  - Tiki20
  - Tiki22
- PluginList
- CalDAV
- Calendar
- Documentation
- CardDAV
- Tracker Field Rules
- Permissions
- Calendar Invitations by email
- PluginPreference
- Templated Groups
  - Roles
- Workspace UI

Alias names for this page:

Tiki 21