The Trac Configuration File

Error: Macro TracGuideToc(None) failed

```
'NoneType' object has no attribute 'find'
```

Trac configuration is done by editing the **`trac.ini`** config file, located in `<projectenv>/conf/trac.ini`. Changes to the configuration are usually reflected immediately, though changes to the `[components]` or `[logging]` sections will require restarting the web server. You may also need to restart the web server after creating a global configuration file when none was previously present.

The `trac.ini` configuration file should be writable by the web server, as Trac currently relies on the possibility to trigger a complete environment reload to flush its caches.

Global Configuration

In versions prior to 0.11, the global configuration was by default located in `$prefix/share/trac/conf/trac.ini` or /etc/trac/trac.ini, depending on the distribution. If you're upgrading, you may want to specify that file to inherit from. Literally, when you're upgrading to 0.11, you have to add an `[inherit]` section to your project's `trac.ini` file. Additionally, you have to move your customized templates and common images from `$prefix/share/trac/...` to the new location.

Global options will be merged with the environment-specific options, where local options override global options. The options file is specified as follows:

```
[inherit]
file = /path/to/global/trac.ini
```

Multiple files can be specified using a comma-separated list.

Note that you can also specify a global option file when creating a new project, by adding the option `--inherit=/path/to/global/trac.ini` to trac-admin's `initenv` command. If you do not do this but nevertheless intend to use a global option file with your new environment, you will have to go through the newly generated `conf/trac.ini` file and delete the entries that will otherwise override those set in the global file.

There are two more entries in the [inherit] section, `templates_dir` for sharing global templates and `plugins_dir`, for sharing plugins. Those entries can themselves be specified in the shared configuration file, and in fact, configuration files can even be chained if you specify another `[inherit] file` there.

Reference for settings

This is a brief reference of available configuration options.

> *Note that the [bitten], [spam-filter] and [vote] sections below are added by plugins enabled on this Trac, and therefore won't be part of a default installation.*

`[account-manager]`

`account_changes_notify_addresses`	List of email addresses that get notified of user changes, ie, new user, password change and delete user.	(no default)

allow_delete_account	Allow users to delete their own account.	true
auth_init	Launch an initial Trac authentication setup.	true
authentication_url	URL of the HTTP authentication service	(no default)
cookie_refresh_pct	Persistent sessions randomly get a new session cookie ID with likelihood in percent per work hour given here (zero equals to never) to decrease vulnerability of long-lasting sessions.	10
db_htdigest_realm	Realm to select relevant htdigest db entries	(no default)
db_htpasswd_hash_type	Default hash type of new/updated passwords	crypt
email_regexp	A validation regular expression describing new account emails.	(?i)^[A-Z0-9._%+-]+@(?:[A-Z0-
environ_auth_overwrite	Whether environment variable REMOTE_USER should get overwritten after processing login form input. Otherwise it will only be set, if unset at the time of authentication.	true
force_passwd_change	Force the user to change password when it's reset.	true
generated_password_length	Length of the randomly-generated passwords created when resetting the password for an account.	8
hash_method	IPasswordHashMethod used to create new/updated passwords	HtDigestHashMethod
htdigest_file	Path relative to Trac environment or full host machine path to password file	(no default)
htdigest_realm	Realm to select relevant htdigest file entries	(no default)
htpasswd_file	Path relative to Trac environment or full host machine path to password file	(no default)
htpasswd_hash_type	Default hash type of new/updated passwords	crypt
login_attempt_max_count	Lock user account after specified number of login attempts. Value zero means no limit.	0
login_opt_list	Set to True, to switch login page style showing alternative actions in a single listing together.	false

`notify_actions`	Comma separated list of actions to notify of. Available actions 'new', 'change', 'delete'.	(no default)
`password_file`	Path to the users file; leave blank to locate the users file by reading svnserve.conf	(no default)
`password_store`	Ordered list of password stores, queried in turn.	(no default)
`persistent_sessions`	Allow the user to be remembered across sessions without needing to re-authenticate. This is, user checks a "Remember Me" checkbox and, next time he visits the site, he'll be remembered.	`false`
`refresh_passwd`	Re-set passwords on successful authentication. This is most useful to move users to a new password store or enforce new store configuration (i.e. changed hash type), but should be disabled/unset otherwise.	`false`
`register_basic_token`	A string required as input to pass verification.	(no default)
`register_check`	Ordered list of IAccountRegistrationInspector's to use for registration checks.	`BasicCheck, EmailCheck, BotTr` `RegExpCheck, UsernamePermChec`
`require_approval`	Whether account registration requires administrative approval to enable the account or not.	`false`
`reset_password`	Set to False, if there is no email system setup.	`true`
`user_lock_max_time`	Limit user account lock time to specified time (seconds). This is relevant only with user_lock_time_progression > 1.	`86400`
`user_lock_time`	Drop user account lock after specified time (seconds). Value zero means unlimited lock time.	`0`
`user_lock_time_progression`	Extend user account lock time incrementally. This is based on logarithmic calculation and decimal numbers accepted: Value '1' means constant lock time per failed login attempt. Value '2' means double locktime after 2nd lock activation, four times the initial locktime after 3rd, and so on.	`1`
`username_char_blacklist`		`:[]`

	Always exclude some special characters from usernames. This is enforced upon new user registration.	
`username_regexp`	A validation regular expression describing new usernames.	`(?i)^[A-Z0-9.\-_]{5,}$`
`verify_email`	Verify the email address of Trac users.	`true`

[attachment]

`max_size`	Maximum allowed file size (in bytes) for ticket and wiki attachments.	`262144`
`max_zip_size`	Maximum allowed total size (in bytes) for an attachment list to be downloadable as a `.zip`. Set this to -1 to disable download as `.zip`. (*since 1.0*)	`2097152`
`render_unsafe_content`	Whether attachments should be rendered in the browser, or only made downloadable. Pretty much any file may be interpreted as HTML by the browser, which allows a malicious user to attach a file containing cross-site scripting attacks. For public sites where anonymous users can create attachments it is recommended to leave this option disabled (which is the default).	`false`

[autocomplete]

`fields` select fields to transform to autocomplete text boxes (no default)

[breadcrumbs]

`ignore_pattern`	Resource names that match this pattern will not be added to the breadcrumbs trail.	(no default)
`label`	Text label to show before breadcrumb list. If empty, 'Breadcrumbs:' is used as default.	(no default)
`max_crumbs`	Indicates maximum number of breadcrumbs to store per user.	`6`
`paths`	List of URL paths to allow breadcrumb tracking. Globs are supported.	`/wiki/,/ticket/,/milestone/`

[browser]

`color_scale`	Enable colorization of the *age* column. This uses the same color scale as the source code annotation: blue is older, red is newer. (*since 0.11*)	`true`
`downloadable_paths`	List of repository paths that can be downloaded. Leave this option empty if you want to disable all downloads, otherwise set it to a comma-separated list of authorized paths (those paths are glob patterns, i.e. "*" can be used as a wild card). In a multi-repository environment, the path must be qualified with the repository name if the path does not point to the default repository (e.g. /reponame/trunk). Note that a simple prefix matching is performed on the paths, so aliases won't get automatically resolved. (*since 0.10*)	`/trunk, /branches/*, /tags/*`
`hide_properties`		`svk:merge`

	Comma-separated list of version control properties to hide from the repository browser. (*since 0.9*)	
`intermediate_color`	(r,g,b) color triple to use for the color corresponding to the intermediate color, if two linear interpolations are used for the color scale (see `intermediate_point`). If not set, the intermediate color between `oldest_color` and `newest_color` will be used. (*since 0.11*)	(no default)
`intermediate_point`	If set to a value between 0 and 1 (exclusive), this will be the point chosen to set the `intermediate_color` for interpolating the color value. (*since 0.11*)	(no default)
`newest_color`	(r,g,b) color triple to use for the color corresponding to the newest color, for the color scale used in *blame* or the browser *age* column if `color_scale` is enabled. (*since 0.11*)	`(255, 136, 136)`
`oldest_color`	(r,g,b) color triple to use for the color corresponding to the oldest color, for the color scale used in *blame* or the browser *age* column if `color_scale` is enabled. (*since 0.11*)	`(136, 136, 255)`
`oneliner_properties`	Comma-separated list of version control properties to render as oneliner wiki content in the repository browser. (*since 0.11*)	`trac:summary`
`render_unsafe_content`	Whether raw files should be rendered in the browser, or only made downloadable. Pretty much any file may be interpreted as HTML by the browser, which allows a malicious user to create a file containing cross-site scripting attacks. For open repositories where anyone can check-in a file, it is recommended to leave this option disabled (which is the default).	`false`
`wiki_properties`	Comma-separated list of version control properties to render as wiki content in the repository browser. (*since 0.11*)	`trac:description`

[changeset]

`max_diff_bytes`	Maximum total size in bytes of the modified files (their old size plus their new size) for which the changeset view will attempt to show the diffs inlined (*since 0.10*).	`10000000`
`max_diff_files`	Maximum number of modified files for which the changeset view will attempt to show the diffs inlined (*since 0.10*).	`0`
`wiki_format_messages`	Whether wiki formatting should be applied to changeset messages. If this option is disabled, changeset messages will be rendered as pre-formatted text.	`true`

[components]

This section is used to enable or disable components provided by plugins, as well as by Trac itself. The component to enable/disable is specified via the name of the option. Whether its enabled is determined by the option value; setting the value to `enabled` or `on` will enable the component, any other value (typically `disabled` or `off`) will disable the component.

The option name is either the fully qualified name of the components or the module/package prefix of the component. The former enables/disables a specific component, while the latter enables/disables any component in

the specified package/module.

Consider the following configuration snippet:

```
[components]
trac.ticket.report.ReportModule = disabled
webadmin.* = enabled
```

The first option tells Trac to disable the report module. The second option instructs Trac to enable all components in the `webadmin` package. Note that the trailing wildcard is required for module/package matching.

To view the list of active components, go to the *Plugins* page on *About Trac* (requires `CONFIG_VIEW` permissions).

See also: TracPlugins

[discussion]

`automatic_forum_tags`	Tags that will be created automatically from discussion forums fields. Possible values are: name, author.	`name,author`
`automatic_topic_tags`	Tags that will be created automatically from discussion topics fields. Possible values are: author, status.	`author,status`
`default_message_display`	Default display mode for topic messages list.	`tree`
`default_topic_display`	Default display mode for forum topics list.	`classic`
`forum_sort`	Column by which will be sorted forum lists. Possible values are: id group name subject time moderators description topics replies lasttopic lastreply	`lasttopic`
`forum_sort_direction`	Direction of forum lists sorting. Possible values are: asc desc.	`asc`
`messages_per_page`	Number of messages per page in message list.	`50`
`smtp_always_cc`	Always send discussion notifications to the listed e-mail addresses.	(no default)
`title`	Main navigation bar button title.	`Discussion`
`topic_sort`	Column by which will be sorted topic lists. Possible values are: id forum subject time author body replies lastreply.	`lastreply`
`topic_sort_direction`	Direction of topic lists sorting. Possible values are: asc desc.	`asc`
`topics_per_page`	Number of topics per page in topic list.	`30`

[extra-permissions]

This section provides a way to add arbitrary permissions to a Trac environment. This can be useful for adding new permissions to use for workflow actions, for example.

To add new permissions, create a new section `[extra-permissions]` in your `trac.ini`. Every entry in that section defines a meta-permission and a comma-separated list of permissions. For example:

```
[extra-permissions]
extra_admin = extra_view, extra_modify, extra_delete
```

This entry will define three new permissions `EXTRA_VIEW`, `EXTRA_MODIFY` and `EXTRA_DELETE`, as well as a meta-permissions `EXTRA_ADMIN` that grants all three permissions.

If you don't want a meta-permission, start the meta-name with an underscore (_):

```
[extra-permissions]
_perms = extra_view, extra_modify
```

[fullblog]

default_postname	Option for a default naming scheme for new posts. The string can include substitution markers for time (UTC) and user: %Y=year, %m=month, %d=day, %H=hour, %M=minute, %S=second, $USER. Example template string: `%Y/%m/%d/my_topic`	(no default)
month_names	Ability to specify a list of month names for display in groupings. If empty it will make a list from default locale setting. Enter list of 12 months like: `month_names = January, February, ..., December`	(no default)
num_items_front	Option to specify how many recent posts to display on the front page of the Blog (and RSS feeds).	20
personal_blog	When using the Blog as a personal blog (only one author), setting to 'True' will disable the display of 'Browse by author:' in sidebar, and also removes various author links and references.	false

[googlesitemap]

change_frequency	Change frequency of URLs. Valid values: always, hourly, daily, weekly, monthly, yearly, never. Disabled if empty.	(no default)
compress_sitemap	Send sitemap compressed. Useful for larger sitemaps.	false
compression_level	Compression level. Value range: 1 (low) to 9 (high). Default: 6	6
default_priority	Default entry priority.	0.8
ignore_users	Do not list wiki pages from this users (default: "trac")	trac
ignore_wikis	List of wiki pages to not be included in sitemap	(no default)
increased_priority	Increased entry priority.	0.9
list_realms	Which realms should be listed. Supported are "wiki", "ticket", "report", "roadmap", "attachment", "browser", "timeline", "homepage", "contactform" and "fullblog".	wiki,ticket,report,roadmap,attachment,
notify_on	Notify Google about a new sitemap on the listed actions. Valid values are: TICKET_CREATE, TICKET_DELETE, TICKET_MODIFY, WIKI_CREATE, WIKI_DELETE,	TICKET_CREATE,TICKET_MODIFY,WIKI_CREAT

	WIKI_VERSION_DELETE, WIKI_MODIFY, WIKI_RENAME	
`sitemappath`	Path of sitemap relative to Trac main URL (default: "sitemap.xml"). If this path ends in `.gz` the sidemap will automatically be compressed.	`sitemap.xml`
`wiki_auto_priority`	Should top hierarchical wiki entries have increased priority automatically?	`false`
`wiki_auto_priority_ignore`	Which top hierarchical wiki entries should be ignored for increased priority.	(no default)
`wiki_priority`	Wiki pages with increased priority.	(no default)

[hackergotchi]

`gravatar_default`	The default value to pass along to gravatar to use if the email address does not match.	`identicon`
`providers`		`GravatarHackergotchiProvider, IdenticonHackergotchiProvider`

[header_logo]

`alt`	Alternative text for the header logo.	`(please configure the [header_logo] section in trac.ini)`
`height`	Height of the header logo image in pixels.	`-1`
`link`	URL to link to, from the header logo.	(no default)
`src`	URL of the image to use as header logo. It can be absolute, server relative or relative. If relative, it is relative to one of the `/chrome` locations: `site/your-logo.png` if `your-logo.png` is located in the `htdocs` folder within your TracEnvironment; `common/your-logo.png` if `your-logo.png` is located in the folder mapped to the htdocs_location URL. Only specifying `your-logo.png` is equivalent to the latter.	`site/your_project_logo.png`
`width`	Width of the header logo image in pixels.	`-1`

[inherit]

`htdocs_dir`	Path to the *shared htdocs directory*. Static resources in that directory are mapped to /chrome/shared under the environment URL, in addition to common and site locations. This can be useful in site.html for common interface customization of multiple Trac environments. (*since 1.0*)	(no default)
`plugins_dir`	Path to the *shared plugins directory*. Plugins in that directory are loaded in addition to those in the directory of the environment `plugins`, with this one taking precedence. (*since 0.11*)	(no default)
`templates_dir`	Path to the *shared templates directory*. Templates in that directory are loaded in	(no

	addition to those in the environments `templates` directory, but the latter take precedence. (*since 0.11*)	default)

[intertrac]

This section configures InterTrac prefixes. Options in this section whose name contain a "." define aspects of the InterTrac prefix corresponding to the option name up to the ".". Options whose name don't contain a "." define an alias.

The `.url` is mandatory and is used for locating the other Trac. This can be a relative URL in case that Trac environment is located on the same server.

The `.title` information is used for providing a useful tooltip when moving the cursor over an InterTrac link.

The `.compat` option can be used to activate or disable a *compatibility* mode:

- If the targeted Trac is running a version below ?0.10 (?r3526 to be precise), then it doesn't know how to dispatch an InterTrac link, and it's up to the local Trac to prepare the correct link. Not all links will work that way, but the most common do. This is called the compatibility mode, and is `true` by default.
- If you know that the remote Trac knows how to dispatch InterTrac links, you can explicitly disable this compatibility mode and then *any* TracLinks can become InterTrac links.

Example configuration:

```
[intertrac]
# -- Example of setting up an alias:
t = trac

# -- Link to an external Trac:
trac.title = Edgewall's Trac for Trac
trac.url = http://trac.edgewall.org
```

[interwiki]

Every option in the `[interwiki]` section defines one InterWiki prefix. The option name defines the prefix. The option value defines the URL, optionally followed by a description separated from the URL by whitespace. Parametric URLs are supported as well.

Example:

```
[interwiki]
MeatBall = http://www.usemod.com/cgi-bin/mb.pl?
PEP = http://www.python.org/peps/pep-$1.html Python Enhancement Proposal $1
tsvn = tsvn: Interact with TortoiseSvn
```

[logging]

`log_file`	If `log_type` is `file`, this should be a path to the log-file. Relative paths are resolved relative to the `log` directory of the environment.	`trac.log`
`log_format`	Custom logging format. If nothing is set, the following will be used: Trac[$(module)s] $(levelname)s: $(message)s In addition to regular key names supported by the Python logger library (see ?http://docs.python.org/library/logging.html), one could use: - $(path)s the path for the current environment - $(basename)s the last path component of the current environment - $(project)s the project name Note the usage of `$(...)s` instead of `%(...)s` as the latter form would be interpreted by the ConfigParser itself. Example: `($(thread)d) Trac[$(basename)s:$(module)s] $(levelname)s: $(message)s` *(since 0.10.5)*	(no default)

`log_level`	Level of verbosity in log. Should be one of (`CRITICAL`, `ERROR`, `WARN`, `INFO`, `DEBUG`).	`DEBUG`
`log_type`	Logging facility to use. Should be one of (`none`, `file`, `stderr`, `syslog`, `winlog`).	`none`

[mastertickets]

`acceptable_formats`	The formats that may be chosen; execute dot -T? for a list of options.	`png,cmapx`
`closed_color`	Color of closed tickets	`green`
`closed_text`	Text for key showing closed tickets	`Done`
`dot_path`	Path to the dot executable.	`dot`
`full_graph`	Show full dep. graph, not just direct blocking links	`false`
`graph_direction`	Direction of the dependency graph (TD = Top Down, DT = Down Top, LR = Left Right, RL = Right Left)	`TD`
`gs_path`	Path to the ghostscript executable.	`gs`
`highlight_target`	Highlight target tickets in graph	`false`
`opened_color`	Color of opened tickets	`red`
`opened_text`	Text for key showing opened tickets	`ToDo`
`show_key`	Show a key for open/closed nodes	`false`
`use_gs`	If enabled, use ghostscript to produce nicer output.	`false`

[milestone]

`stats_provider`	Name of the component implementing `ITicketGroupStatsProvider`, which is used to collect statistics on groups of tickets for display in the milestone views.	`DefaultTicketGroupStatsProvider`

[milestone-groups]

As the workflow for tickets is now configurable, there can be many ticket states, and simply displaying closed tickets vs. all the others is maybe not appropriate in all cases. This section enables one to easily create *groups* of states that will be shown in different colors in the milestone progress bar.

Note that the groups can only be based on the ticket *status*, nothing else. In particular, it's not possible to distinguish between different closed tickets based on the *resolution*.

Example configuration with three groups, *closed*, *new* and *active* (the default only has closed and active):

```
# the 'closed' group correspond to the 'closed' tickets
closed = closed

# .order: sequence number in the progress bar
closed.order = 0

# .query_args: optional parameters for the corresponding
#              query.  In this example, the changes from the
#              default are two additional columns ('created' and
#              'modified'), and sorting is done on 'created'.
closed.query_args = group=resolution,order=time,col=id,col=summary,col=owner,col=type,col=priority,col=

# .overall_completion: indicates groups that count for overall
#                      completion percentage
closed.overall_completion = true

new = new
```

```
new.order = 1
new.css_class = new
new.label = new

# Note: one catch-all group for other statuses is allowed
active = *
active.order = 2

# .css_class: CSS class for this interval
active.css_class = open

# .label: displayed label for this group
active.label = in progress
```

The definition consists in a comma-separated list of accepted status. Also, '*' means any status and could be used to associate all remaining states to one catch-all group.

The CSS class can be one of: new (yellow), open (no color) or closed (green). Other styles can easily be added using custom CSS rule: `table.progress td.<class> { background: <color> }` to a site/style.css file for example.

(*since 0.11*)

[mimeviewer]

`max_preview_size`	Maximum file size for HTML preview. (*since 0.9*)	`262144`
`mime_map`	List of additional MIME types and keyword mappings. Mappings are comma-separated, and for each MIME type, there's a colon (":") separated list of associated keywords or file extensions. (*since 0.10*)	`text/x-dylan:dylan, text/x-idl:ice, text/x-ada:ads:adb`
`mime_map_patterns`	List of additional MIME types associated to filename patterns. Mappings are comma-separated, and each mapping consists of a MIME type and a Python regexp used for matching filenames, separated by a colon (":"). (*since 1.0*)	`text/plain:README|INSTALL|COPYING.*`
`pygments_default_style`	The default style to use for Pygments syntax highlighting.	`trac`
`pygments_modes`	List of additional MIME types known by Pygments. For each, a tuple `mimetype:mode:quality` has to be specified, where `mimetype` is the MIME type, `mode` is the corresponding Pygments mode to be used for the conversion and `quality` is the quality ratio associated	(no default)

	to this conversion. That can also be used to override the default quality ratio used by the Pygments render.	
`tab_width`	Displayed tab width in file preview. (*since 0.9*)	`8`
`treat_as_binary`	Comma-separated list of MIME types that should be treated as binary data. (*since 0.11.5*)	`application/octet-stream, application/pdf, application/postscript, application/msword,application/rtf,`

[notification]

`admit_domains`	Comma-separated list of domains that should be considered as valid for email addresses (such as localdomain).	(no default)
`always_notify_owner`	Always send notifications to the ticket owner (*since 0.9*).	`false`
`always_notify_reporter`	Always send notifications to any address in the *reporter* field.	`false`
`always_notify_updater`	Always send notifications to the person who causes the ticket property change and to any previous updater of that ticket.	`true`
`ambiguous_char_width`	Which width of ambiguous characters (e.g. 'single' or 'double') should be used in the table of notification mail. If 'single', the same width as characters in US-ASCII. This is expected by most users. If 'double', twice the width of US-ASCII characters. This is expected by CJK users. *(since 0.12.2)*	`single`
`batch_subject_template`	Like ticket_subject_template but for batch modifications. By default, the template is `$prefix Batch modify: $tickets_descr`. *(since 1.0)*	`$prefix Batch modify: $tickets_descr`
`email_sender`	Name of the component implementing `IEmailSender`. This component is used by the notification system to send emails. Trac currently provides `SmtpEmailSender` for connecting to an SMTP server, and `SendmailEmailSender` for running a `sendmail`-compatible executable. (*since 0.12*)	`SmtpEmailSender`
`ignore_domains`	Comma-separated list of domains that should not be considered part of email addresses (for usernames with Kerberos domains).	(no default)
`mime_encoding`	Specifies the MIME encoding scheme for emails. Valid options are 'base64' for Base64 encoding, 'qp' for Quoted-Printable, and 'none' for no encoding, in which case mails will be sent as 7bit if the content is all ASCII, or 8bit otherwise. (*since 0.10*)	`none`
`sendmail_path`	Path to the sendmail executable. The sendmail program must accept the `-i` and `-f` options. (*since 0.12*)	`sendmail`

smtp_always_bcc	Email address(es) to always send notifications to, addresses do not appear publicly (Bcc. (*since 0.10*)	(no default)
smtp_always_cc	Email address(es) to always send notifications to, addresses can be seen by all recipients (Cc.	(no default)
smtp_default_domain	Default host/domain to append to address that do not specify one.	(no default)
smtp_enabled	Enable email notification.	false
smtp_from	Sender address to use in notification emails.	trac@localhost
smtp_from_author	Use the action author as the sender of notification emails. (*since 1.0*)	false
smtp_from_name	Sender name to use in notification emails.	(no default)
smtp_password	Password for SMTP server. (*since 0.9*)	(no default)
smtp_port	SMTP server port to use for email notification.	25
smtp_replyto	Reply-To address to use in notification emails.	trac@localhost
smtp_server	SMTP server hostname to use for email notifications.	localhost
smtp_subject_prefix	Text to prepend to subject line of notification emails. If the setting is not defined, then the [$project_name] prefix. If no prefix is desired, then specifying an empty option will disable it. (*since 0.10.1*)	__default__
smtp_user	Username for SMTP server. (*since 0.9*)	(no default)
ticket_subject_template	A Genshi text template snippet used to get the notification subject. By default, the subject template is `$prefix #$ticket.id: $summary`. `$prefix` being the value of the `smtp_subject_prefix` option. *(since 0.11)*	`$prefix #$ticket.id: $summary`
use_public_cc	Recipients can see email addresses of other CC'ed recipients. If this option is disabled (the default), recipients are put on BCC. (*since 0.10*)	false
use_short_addr	Permit email address without a host/domain (i.e. username only). The SMTP server should accept those addresses, and either append a FQDN or use local delivery. (*since 0.10*)	false
use_tls	Use SSL/TLS to send notifications over SMTP. (*since 0.10*)	false

[piwik]

piwik_admin_logging	Disabling this option will prevent all logged in admins from showing up on your Google Analytics reports.	false
piwik_authenticated_logging	Disabling this option will prevent all authenticated users from showing up on your Google Analytics reports.	true
piwik_baseurl	The base url of your Piwik installation. You	(no default)

	can find it in the pkBaseURL variable in the Javascript snippet from Piwik.	
`piwik_extensions`	Enter any extensions of files you would like to be tracked as a download. For example to track all MP3s and PDFs enter: mp3|pdf	`7z|aac|arc|arj|asf|asx|avi|bin|csv|doc`
`piwik_siteid`	Piwik's Site ID.	(no default)

[project]

`admin`	E-Mail address of the project's administrator.	(no default)
`admin_trac_url`	Base URL of a Trac instance where errors in this Trac should be reported. This can be an absolute or relative URL, or '.' to reference this Trac instance. An empty value will disable the reporting buttons. (*since 0.11.3*)	.
`descr`	Short description of the project.	`My example project`
`footer`	Page footer text (right-aligned).	`Visit the Trac open source project at <a href="http://trac.edgewall.org/">http://trac.edgewall.org/`
`icon`	URL of the icon of the project.	`common/trac.ico`
`name`	Name of the project.	`My Project`
`url`	URL of the main project web site, usually the website in which the `base_url` resides. This is	(no default)

	used in notification e-mails.	

[query]

default_anonymous_query	The default query for anonymous users. The query is either in query language syntax, or a URL query string starting with ? as used in query: Trac links. (*since 0.11.2*)	status!=closed&cc~=$USER
default_query	The default query for authenticated users. The query is either in query language syntax, or a URL query string starting with ? as used in query: Trac links. (*since 0.11.2*)	status!=closed&owner=$USER
items_per_page	Number of tickets displayed per page in ticket queries, by default (*since 0.11*)	100
ticketlink_query	The base query to be used when linkifying values of ticket fields. The query is a URL query string starting with ? as used in query: Trac links. (*since 0.12*)	?status=!closed

[quiet]

enter_label Enter Quiet Mode

leave_label Leave Quiet Mode

[report]

items_per_page	Number of tickets displayed per page in ticket reports, by default (*since 0.11*)	100
items_per_page_rss	Number of tickets displayed in the rss feeds for reports (*since 0.11*)	0

[repositories]

One of the alternatives for registering new repositories is to populate the [repositories] section of the trac.ini.

This is especially suited for setting up convenience aliases, short-lived repositories, or during the initial phases of an installation.

See TracRepositoryAdmin for details about the format adopted for this section and the rest of that page for the other alternatives.

(*since 0.12*)

[revisionlog]

default_log_limit	Default value for the limit argument in the TracRevisionLog. (*since 0.11*)	100
graph_colors	Comma-separated list of colors to use for the TracRevisionLog graph display. (*since 1.0*)	#cc0, #0c0, #0cc, #00c, #c0c, #c00

[roadmap]

stats_provider	Name of the component implementing ITicketGroupStatsProvider, which is used to collect statistics on groups of tickets for display in the roadmap views.	DefaultTicketGroupStatsProvider

[screenshots]

additional_tags	Additional tags that will be created for submitted screenshots. Possible values are: author, components, versions, name, description.	author,components,versions,name
default_components	List of components enabled by default.	all
default_description	Template for embended image description.	$description
default_filter_relation	Logical relation between component and version part of screenshots filter.	or
default_format	Default format for screenshot download links.	html
default_list_item	Default format of list item description of [[ScreenshotsList()]] macro.	$id - $name - $description
default_order_directions	List of ordering directions for fields specified in default_orders configuration option.	asc
default_orders	List of names of database fields that are used to sort screenshots.	id
default_versions	List of versions enabled by default.	all
ext	List of screenshot file extensions that can be uploaded. Must be supported by PIL.	jpg,png
formats	List of allowed formats for screenshot download.	raw,html,jpg,png
mainnav_title	Main navigation bar button title.	Screenshots
metanav_title	Meta navigation bar link title.	(no default)
path	Path where to store uploaded screenshots.	../screenshots

[screenshots-matrix]

columns	Number of screenshot columns.	3
height	Height of screenshot preview.	120

rows	Number of screenshot preview rows.	3
width	Width of screenshot preview.	160

[search]

default_disabled_filters	Specifies which search filters should be disabled by default on the search page. This will also restrict the filters for the quick search function. The filter names defined by default components are: wiki, ticket, milestone and changeset. For plugins, look for their implementation of the ISearchSource interface, in the get_search_filters() method, the first member of returned tuple. Once disabled, search filters can still be manually enabled by the user on the search page. (since 0.12)	(no default)
min_query_length	Minimum length of query string allowed when performing a search.	3

[simpleticket]

fields	Fields to hide for the simple ticket entry form.	(no default)
show_only	If True, show only the specified fields rather than hiding the specified fields	false

[spam-filter]

This section is used to handle all configurations used by spam filter plugin.

account_karma	By how many points a failed registration check impacts the overall score.	5
account_replace_checks	Replace checks in account manager totally.	false
akismet_api_key	Wordpress key required to use the Akismet API.	(no default)
akismet_api_url	URL of the Akismet service.	rest.akismet.com/1.1/
akismet_karma	By how many points an Akismet reject impacts the overall karma of a submission.	5
attachment_karma	The karma given to attachments.	0
attachment_sample_size	The maximum number of bytes from an attachment to pass through the spam filters.	16384
authenticated_karma	The karma given to authenticated users, in case trust_authenticated is false.	10
badcontent_file	Local file to be loaded to get BadContent. Can be used in addition to BadContent wiki page.	(no default)
bayes_karma		10

	By what factor Bayesian spam probability score affects the overall karma of a submission.	
bayes_min_training	The minimum number of submissions in the training database required for the filter to start impacting the karma of submissions.	25
blogspam_api_url	URL of the BlogSpam service.	test.blogspam.net:8888
blogspam_karma	By how many points an BlogSpam reject impacts the overall karma of a submission.	5
blogspam_skip_tests	Comma separated list of tests to skip.	bayesian, linksleeve, sfs
botscout_api_key	API key required to use BotScout.	(no default)
botscout_karma	By how many points a BotScout reject impacts the overall karma of a submission.	3
captcha	CAPTCHA method to use for verifying humans.	ExpressionCaptcha
captcha_areyouahuman_host	Host name for AreYouAHuman usage.	ws.areyouahuman.com
captcha_areyouahuman_publisher_key	Publisher key for AreYouAHuman usage.	(no default)
captcha_areyouahuman_scoring_key	Scoring key for AreYouAHuman usage.	(no default)
captcha_expression_ceiling	Maximum value of individual terms in numeric CAPTCHA expression.	10
captcha_expression_terms	Number of terms in numeric CAPTCHA expression.	3
captcha_failed_karma	By how many points a failed CAPTCHA impacts the overall score.	1
captcha_image_alphabet	Alphabet to choose image CAPTCHA challenge from.	abcdefghkmnopqrstuvwxyz
captcha_image_font_size	Font size to use in image CAPTCHA.	25
captcha_image_fonts	Set of fonts to choose from when generating image CAPTCHA.	vera.ttf
captcha_image_letters	Number of letters to use in image CAPTCHA challenge.	6

captcha_karma	By how many points a successful CAPTCHA response increases the overall score.	10
captcha_karma_lifetime	Time in seconds that a successful CAPTCHA response increases karma.	86400
captcha_keycaptcha_private_key	Private key for KeyCaptcha usage.	(no default)
captcha_keycaptcha_user_id	User id for KeyCaptcha usage.	(no default)
captcha_lifetime	Time in seconds before database cleanup is called.	3600
captcha_recaptcha_private_key	Private key for reCaptcha usage.	(no default)
captcha_recaptcha_public_key	Public key for reCaptcha usage.	(no default)
defensio_api_key	Defensio key required to use the API.	(no default)
defensio_api_url	URL of the Defensio service.	api.defensio.com/2.0/users/
defensio_karma	By how many points a Defensio reject impacts the overall karma of a submission.	5
extlinks_allowed_domains	List of domains that should be allowed in external links	example.com, example.org
extlinks_karma	By how many points too many external links in a submission impact the overall score.	2
fspamlist_api_key	API key required to use FSpamList.	(no default)
fspamlist_karma	By how many points a FSpamList reject impacts the overall karma of a submission.	3
httpbl_api_key	Http:BL API key required for use.	(no default)
httpbl_spammer_karma	By how many points listing as "comment spammer" impacts the overall karma of a submission.	6
ip6_karma	By how many points a IPv6 address improves the overall karma of a submission.	5
ip_blacklist_karma	By how many points blacklisting by a single	5

	server impacts the overall karma of a submission.	
`ip_blacklist_servers`	Servers used for IP blacklisting.	`list.blogspambl.com, all.s5h.net, dnsbl.tornevall.org`
`ip_throttle_karma`	By how many points exceeding the configured maximum number of posts per hour impacts the overall score.	`3`
`ipbadcontent_file`	Local file to be loaded to get BadIP. Can be used in addition to BadIP wiki page.	(no default)
`ipregex_karma`	By how many points a match with a pattern on the BadIP page impacts the overall karma of a submission.	`20`
`is_forwarded`	Interpret X-Forwarded-For header for IP checks.	`false`
`linksleeve_karma`	By how many points a LinkSleeve reject impacts the overall karma of a submission.	`3`
`logging_enabled`	Whether all content submissions and spam filtering activity should be logged to the database.	`true`
`max_external_links`	The maximum number of external links allowed in a submission until that submission gets negative karma.	`4`
`max_posts_by_ip`	The maximum allowed number of submissions per hour from a single IP address. If this limit is exceeded, subsequent submissions get negative karma.	`10`
`min_karma`	The minimum score required for a submission to be allowed.	`0`
`purge_age`	The number of days after which log entries should be purged.	`7`
`regex_karma`	By how many points a match with a pattern on the BadContent page impacts the overall karma of a	`5`

	submission.	
reject_handler	The handler used to reject content.	FilterSystem
session_karma	By how many points an existing and configured session improves the overall karma of the submission. A third of the points is granted for having an existing session at all, the other two thirds are granted when the user has his name and/or email address set in the session, respectively.	9
show_blacklisted	Show the matched bad content patterns in rejection message.	true
show_blacklisted_ip	Show the matched bad IP patterns in rejection message.	true
skip_external	Skip external calls when this karma is already reached by internal tests.	20
spam_monitor_entries	How many monitor entries are displayed by default (between 5 and 1000).	15
spambusted_api_key	API key used to report SPAM.	(no default)
spambusted_karma	By how many points a SpamBusted reject impacts the overall karma of a submission.	3
spamwipe_api_key	API key required to use the SpamWipe API.	(no default)
spamwipe_karma	By how many points an SpamWipe reject impacts the overall karma of a submission.	5
stop_external	Stop external calls when this karma is reached.	50
stopforumspam_api_key	API key used to report SPAM.	(no default)
stopforumspam_karma	By how many points a StopForumSpam reject impacts the overall karma of a submission.	4
train_external	Allow training of external services.	true
trap_karma	By how many points a trap reject impacts the overall	10

	karma of a submission.	
trap_name	Name of the invisible trap field, should contain some reference to e-mail for better results.	sfp_email
trap_name_hidden	Name of the hidden trap field, should contain some reference to e-mail for better results.	sfph_mail
trust_authenticated	Whether content submissions by authenticated users should be trusted without checking for potential spam or other abuse.	true
typepad_api_key	TypePad key required to use the TypePad AntiSpam API.	(no default)
typepad_api_url	URL of the TypePad service.	api.antispam.typepad.com/1.1/
typepad_karma	By how many points an TypePad reject impacts the overall karma of a submission.	5
use_external	Allow usage of external services.	true

[sqlite]

extensions	Paths to sqlite extensions, relative to Trac environment's directory or absolute. (*since 0.12*)	(no default)

[svn]

branches	Comma separated list of paths categorized as branches. If a path ends with '*', then all the directory entries found below that path will be included. Example: /trunk, /branches/*, /projectAlpha/trunk, /sandbox/*	trunk, branches/*
repository_url	base URL of svn repository	(no default)
tags	Comma separated list of paths categorized as tags. If a path ends with '*', then all the directory entries found below that path will be included. Example: /tags/*, /projectAlpha/tags/A-1.0, /projectAlpha/tags/A-v1.1	tags/*

[svn:externals]

The TracBrowser for Subversion can interpret the svn:externals property of folders. By default, it only turns the URLs into links as Trac can't browse remote repositories.

However, if you have another Trac instance (or an other repository browser like ?ViewVC) configured to browse the target repository, then you can instruct Trac which other repository browser to use for which external URL. This mapping is done in the [svn:externals] section of the TracIni.

Example:

```
[svn:externals]
1 = svn://server/repos1                       http://trac/proj1/browser/$path?rev=$rev
2 = svn://server/repos2                       http://trac/proj2/browser/$path?rev=$rev
3 = http://theirserver.org/svn/eng-soft       http://ourserver/viewvc/svn/$path/?pathrev=25914
4 = svn://anotherserver.com/tools_repository  http://ourserver/tracs/tools/browser/$path?rev=$rev
```

With the above, the `svn://anotherserver.com/tools_repository/tags/1.1/tools` external will be mapped to `http://ourserver/tracs/tools/browser/tags/1.1/tools?rev=` (and `rev` will be set to the appropriate revision number if the external additionally specifies a revision, see the ?SVN Book on externals for more details).

Note that the number used as a key in the above section is purely used as a place holder, as the URLs themselves can't be used as a key due to various limitations in the configuration file parser.

Finally, the relative URLs introduced in ?Subversion 1.5 are not yet supported.

(*since 0.11*)

[tags]

`cloud_caseless_sort`	Whether the tag cloud should be sorted case-sensitive.	`false`
`cloud_mincount`	Integer threshold to hide tags with smaller count.	`1`
`default_format`	Set the default format for the handler of the `/tags` domain. ‖ `oldlist` (default value) ‖ The original format with a bulleted-list of "linked-id description (tags)" ‖ ‖ `compact` ‖ bulleted-list of "linked-description" ‖ ‖ `table` ‖ table... (see corresponding column option) ‖	`oldlist`
`default_table_cols`	Select columns and order for table format using a "|"-separated list of column names. Supported columns: realm, id, description, tags	`id|description|tags`
`exclude_realms`	Comma-separated list of realms to exclude from tags queries by default, unless specifically included using "realm:realm-name" in a query.	(no default)
`ignore_closed_tickets`	Do not collect tags from closed tickets.	`true`
`listtagged_default_format`	Set the default format for the handler of the `/tags` domain. ‖ `oldlist` (default value) ‖ The original format with a bulleted-list of "linked-id description (tags)" ‖ ‖ `compact` ‖ bulleted-list of "linked-description" ‖ ‖ `table` ‖ table... (see corresponding column option) ‖	`oldlist`
`listtagged_default_table_cols`	Select columns and order for table format using a "|"-separated list of column names. Supported columns: realm, id, description, tags	`id|description|tags`

listtagged_exclude_realms	Comma-separated list of realms to exclude from tags queries by default, unless specifically included using "realm:realm-name" in a query.	(no default)
listtagged_items_per_page	Number of tagged resources displayed per page in tag queries, by default	100
query_exclude_wiki_templates	Whether tagged wiki page templates should be queried.	true
revisable_realms	Comma-separated list of realms requiring tag change history.	wiki
ticket_fields	List of ticket fields to expose as tags.	keywords
wiki_page_link	Link a tag to the wiki page with same name, if it exists.	true

[ticket]

commit_ticket_update_check_perms	Check that the committer has permission to perform the requested operations on the referenced tickets. This requires that the user names be the same for Trac and repository operations.	true
commit_ticket_update_commands.close	Commands that close tickets, as a space-separated list.	close closed closes fix fixed fixes
commit_ticket_update_commands.refs	Commands that add a reference, as a space-separated list. If set to the special value <ALL>, all tickets referenced by the message will get a reference to the changeset.	addresses re references refs see
commit_ticket_update_envelope	Require commands to be enclosed in an envelope. Must be empty or contain two characters. For example, if set to "[]", then commands must be in the form of [closes #4].	(no default)
commit_ticket_update_notify	Send ticket change notification when updating a ticket.	true
default_cc		(no default)

	Default cc: list for newly created tickets.	
`default_component`	Default component for newly created tickets.	(no default)
`default_description`	Default description for newly created tickets.	(no default)
`default_keywords`	Default keywords for newly created tickets.	(no default)
`default_milestone`	Default milestone for newly created tickets.	(no default)
`default_owner`	Default owner for newly created tickets.	`< default >`
`default_priority`	Default priority for newly created tickets.	`major`
`default_resolution`	Default resolution for resolving (closing) tickets (*since 0.11*).	`fixed`
`default_severity`	Default severity for newly created tickets.	(no default)
`default_summary`	Default summary (title) for newly created tickets.	(no default)
`default_type`	Default type for newly created tickets (*since 0.9*).	`defect`
`default_version`	Default version for newly created tickets.	(no default)
`max_comment_size`	Don't accept tickets with a too big comment. (*since 0.11.2*)	`262144`
`max_description_size`	Don't accept tickets with a too big description. (*since 0.11*).	`262144`
`pending_removal_status`	Status to apply when removing 'Pending' status automatically.	`new`
`preserve_newlines`	Whether Wiki formatter should respect the new lines present in the Wiki text. If set to 'default', this is equivalent to 'yes' for new environments but keeps the old behavior for	`default`

	upgraded environments (i.e. 'no'). (*since 0.11*).	
`restrict_owner`	Make the owner field of tickets use a drop-down menu. Be sure to understand the performance implications before activating this option. See Assign-to as Drop-Down List. Please note that e-mail addresses are **not** obfuscated in the resulting drop-down menu, so this option should not be used if e-mail addresses must remain protected. (*since 0.9*)	`false`
`workflow`	Ordered list of workflow controllers to use for ticket actions (*since 0.11*).	`ConfigurableTicketWorkflow`

[ticket-custom]

In this section, you can define additional fields for tickets. See TracTicketsCustomFields for more details.

[ticket-workflow]

The workflow for tickets is controlled by plugins. By default, there's only a `ConfigurableTicketWorkflow` component in charge. That component allows the workflow to be configured via this section in the `trac.ini` file. See TracWorkflow for more details.

(*since 0.11*)

[ticketmoderator]

`default_moderator`	The default moderator for ticket modifications that require moderation, used if the ticket owner and default component owner are not Moderators (*since 0.2*).	(no default)
`ignore_smtp_always`	If true (default) email sent to the ticket moderator will not be sent to the smtp_always_cc or smtp_always_bcc addresses (*since 0.5*).	`true`
`moderation_notice`	Notice displayed to users who will be subject to moderation when creating or editing tickets (*since 0.6.4*).	`$submission_type you submit will be routed for moderation.$login_request`
`review_promise`		

	Text displayed as part of the default confirmation indicating the moderators expected response time (*since 0.6*).	`We make every effort to review submissions within one working day.`
`show_moderator_email`	Publish the assigned Moderator's e-mail address as part of the response to the submitter (*since 0.2*).	`false`
`subject_template`	A Genshi text template snippet used to get the notification subject (*since 0.2*).	`$prefix [Moderate] ${new and 'New Ticket' or 'Comment'}: $summary`
`unmoderated_attachments`	Allow users requiring moderation to submit ticket attachments without moderation (*since 0.3*; deprecated in 0.4, use `MODERATOR_PASS_ATTACH` permission).	`false`

[timeline]

`abbreviated_messages`	Whether wiki-formatted event messages should be truncated or not. This only affects the default rendering, and can be overriden by specific event providers, see their own documentation. (*Since 0.11*)	`true`
`changeset_collapse_events`	Whether consecutive changesets from the same author having exactly the same message should be presented as one event. That event will link to the range of changesets in the log view. (*since 0.11*)	`false`
`changeset_long_messages`	Whether wiki-formatted changeset messages should be multiline or not. If this option is not specified or is false and `wiki_format_messages` is set to true, changeset messages will be single line only, losing some formatting (bullet points, etc).	`false`
`changeset_show_files`	Number of files to show (`-1` for unlimited, `0` to disable). This can also be `location`, for showing the common prefix for the changed files. (since 0.11).	`0`
`default_daysback`	Default number of days displayed in the Timeline, in days. (*since 0.9.*)	`30`
`max_daysback`	Maximum number of days (-1 for unlimited) displayable in the Timeline. (*since 0.11*)	`90`
`newticket_formatter`	Which formatter flavor (e.g. 'html' or 'oneliner') should be used when presenting the description for new tickets. If 'oneliner', the [timeline] abbreviated_messages option applies. (*since 0.11*).	`oneliner`
`ticket_show_details`	Enable the display of all ticket changes in the timeline, not only open / close operations (*since 0.9*).	`false`

[trac]

`auth_cookie_lifetime`	Lifetime of the authentication cookie, in seconds. This value determines how long the browser will cache authentication information, and therefore, after how much inactivity a user will have to log in again. The default value of 0 makes the cookie expire at the end of the browsing session. (*since 0.12*)	`0`

auth_cookie_path	Path for the authentication cookie. Set this to the common base path of several Trac instances if you want them to share the cookie. (*since 0.12*)	(no
authz_file	The path to the Subversion ?authorization (authz) file. To enable authz permission checking, the `AuthzSourcePolicy` permission policy must be added to `[trac] permission_policies`.	(no
authz_module_name	The module prefix used in the `authz_file` for the default repository. If left empty, the global section is used.	(no
auto_preview_timeout	Inactivity timeout in seconds after which the automatic wiki preview triggers an update. This option can contain floating-point values. The lower the setting, the more requests will be made to the server. Set this to 0 to disable automatic preview. The default is 2.0 seconds. (*since 0.12*)	2.0
auto_reload	Automatically reload template files after modification.	fal
backup_dir	Database backup location	db
base_url	Reference URL for the Trac deployment. This is the base URL that will be used when producing documents that will be used outside of the web browsing context, like for example when inserting URLs pointing to Trac resources in notification e-mails.	(no
check_auth_ip	Whether the IP address of the user should be checked for authentication (*since 0.9*).	fal
database	Database connection string for this project	sql
debug_sql	Show the SQL queries in the Trac log, at DEBUG level. *(Since 0.11.5)*	fal
default_charset		utf
default_date_format	The date format. Valid options are 'iso8601' for selecting ISO 8601 format, or leave it empty which means the default date format will be inferred from the browser's default language. (*since 1.0*)	(no
default_dateinfo_format	The date information format. Valid options are 'relative' for displaying relative format and 'absolute' for displaying absolute format. (*since 1.0*)	rel
default_handler	Name of the component that handles requests to the base URL. Options include `TimelineModule`, `RoadmapModule`, `BrowserModule`, `QueryModule`, `ReportModule`, `TicketModule` and `WikiModule`. The default is `WikiModule`. (*since 0.9*)	Wik
default_language	The preferred language to use if no user preference has been set. (*since 0.12.1*)	(no
default_timezone	The default timezone to use	(no
genshi_cache_size	The maximum number of templates that the template loader will cache in memory. The default value is 128. You may want to choose a higher value if your site uses a larger number of templates, and you have enough memory to spare, or you can reduce it if you are short on memory.	128
htdocs_location	Base URL for serving the core static resources below `/chrome/common/`. It can be left empty, and Trac will simply serve those resources itself. Advanced users can use this together with trac-admin ... deploy <deploydir> to allow serving the static resources for Trac directly from the web server. Note however that this only applies to the `<deploydir>/htdocs/common` directory, the other deployed resources (i.e. those from plugins) will not be made available this way and additional rewrite rules will be needed in the web server.	(no
ignore_auth_case	Whether login names should be converted to lower case (*since 0.9*).	fal
jquery_location	Location of the jQuery JavaScript library (version 1.7.2). An empty value loads jQuery from the copy bundled with Trac. Alternatively, jQuery could be loaded from a CDN, for example: ?http://code.jquery.com/jquery-1.7.2.min.js,	(no

	?http://ajax.aspnetcdn.com/ajax/jQuery/jquery-1.7.2.min.js or ?https://ajax.googleapis.com/ajax/libs/jquery/1.7.2/jquery.min.js. (*since 1.0*)	
`jquery_ui_location`	Location of the jQuery UI JavaScript library (version 1.8.21). An empty value loads jQuery UI from the copy bundled with Trac. Alternatively, jQuery UI could be loaded from a CDN, for example: ?https://ajax.googleapis.com/ajax/libs/jqueryui/1.8.21/jquery-ui.min.js or ?http://ajax.aspnetcdn.com/ajax/jquery.ui/1.8.21/jquery-ui.min.js. (*since 1.0*)	(no
`jquery_ui_theme_location`	Location of the theme to be used with the jQuery UI JavaScript library (version 1.8.21). An empty value loads the custom Trac jQuery UI theme from the copy bundled with Trac. Alternatively, a jQuery UI theme could be loaded from a CDN, for example: ?https://ajax.googleapis.com/ajax/libs/jqueryui/1.8.21/themes/start/jquery-ui.css or ?http://ajax.aspnetcdn.com/ajax/jquery.ui/1.8.21/themes/start/jquery-ui.css. (*since 1.0*)	(no
`mainnav`	Order of the items to display in the `mainnav` navigation bar, listed by IDs. See also TracNavigation.	`wik` `bro` `new`
`metanav`	Order of the items to display in the `metanav` navigation bar, listed by IDs. See also TracNavigation.	`log` `hel`
`mysqldump_path`	Location of mysqldump for MySQL database backups	`mys`
`never_obfuscate_mailto`	Never obfuscate `mailto:` links explicitly written in the wiki, even if `show_email_addresses` is false or the user has not the EMAIL_VIEW permission (*since 0.11.6*).	`fal`
`permission_policies`	List of components implementing `IPermissionPolicy`, in the order in which they will be applied. These components manage fine-grained access control to Trac resources. Defaults to the DefaultPermissionPolicy (pre-0.11 behavior) and LegacyAttachmentPolicy (map ATTACHMENT_* permissions to realm specific ones)	`Def` `Leg`
`permission_store`	Name of the component implementing `IPermissionStore`, which is used for managing user and group permissions.	`Def`
`pg_dump_path`	Location of pg_dump for Postgres database backups	`pg_`
`repository_dir`	Path to the default repository. This can also be a relative path (*since 0.11*). This option is deprecated, and repositories should be defined in the repositories section, or using the "Repositories" admin panel. (*since 0.12*)	(no
`repository_sync_per_request`	List of repositories that should be synchronized on every page request. Leave this option empty if you have set up post-commit hooks calling `trac-admin $ENV changeset added` on all your repositories (recommended). Otherwise, set it to a comma-separated list of repository names. Note that this will negatively affect performance, and will prevent changeset listeners from receiving events from the repositories specified here. The default is to synchronize the default repository, for backward compatibility. (*since 0.12*)	`(de`
`repository_type`	Default repository connector type. (*since 0.10*) This is also used as the default repository type for repositories defined in TracIni#repositories-section repositories or using the "Repositories" admin panel. (*since 0.12*)	`svn`
`request_filters`	Ordered list of filters to apply to all requests (*since 0.10*).	(no
`resizable_textareas`	Make `<textarea>` fields resizable. Requires JavaScript. (*since 0.12*)	`tru`
`secure_cookies`	Restrict cookies to HTTPS connections. When true, set the `secure` flag on all cookies so that they are only sent to the server on HTTPS connections. Use this if your Trac instance is only accessible through HTTPS. (*since 0.11.2*)	`fal`
`show_email_addresses`		`fal`

	Show email addresses instead of usernames. If false, we obfuscate email addresses. (*since 0.11*)	
`show_ip_addresses`	Show IP addresses for resource edits (e.g. wiki). (*since 0.11.3*)	`fal`
`timeout`	Timeout value for database connection, in seconds. Use '0' to specify *no timeout*. *(Since 0.11)*	`20`
`use_base_url_for_redirect`	Optionally use `[trac] base_url` for redirects. In some configurations, usually involving running Trac behind a HTTP proxy, Trac can't automatically reconstruct the URL that is used to access it. You may need to use this option to force Trac to use the `base_url` setting also for redirects. This introduces the obvious limitation that this environment will only be usable when accessible from that URL, as redirects are frequently used. *(since 0.10.5)*	`fal`
`use_xsendfile`	When true, send a `X-Sendfile` header and no content when sending files from the filesystem, so that the web server handles the content. This requires a web server that knows how to handle such a header, like Apache with `mod_xsendfile` or lighttpd. (*since 1.0*)	`fal`

[tracwysiwyg]

`templates`	List of template names that the plugin will show a WYSIWYG editor on each TracWiki textarea. The plugin shows on all pages by default.	(no default)
`wysiwyg_stylesheets`	Add stylesheets to the WYSIWYG editor	(no default)

[translatedpages]

`base_language`	Base language to be used without prefix/suffix	`En`
`languages_page`	Page name of table containing available languages	`TracLanguages`
`regexp`	Regular expression to match a language code	`([A-Z][a-z]{1,2}(?:_[A-Z]{2})?)`
`template`	Page name template of translated pages	`{lang}:{page}`

[versioncontrol]

`allowed_repository_dir_prefixes`	Comma-separated list of allowed prefixes for repository directories when adding and editing repositories in the repository admin panel. If the list is empty, all repository directories are allowed. (*since 0.12.1*)	(no default)

[vote]

`paths`	List of URL paths to allow voting on. Globs are supported.	`/ticket*,/wiki*`

[wiki]

`ignore_missing_pages`	Enable/disable highlighting CamelCase links to missing pages (*since 0.9*).	`false`
`max_size`	Maximum allowed wiki page size in bytes. (*since 0.11.2*)	`262144`
`render_unsafe_content`	Enable/disable the use of unsafe HTML tags such as `<script>` or `<embed>` with the HTML WikiProcessor (*since 0.10.4*). For public sites where anonymous users can edit the wiki it is recommended to leave this option disabled (which is the default).	`false`

safe_schemes	List of URI schemes considered "safe", that will be rendered as external links even if `[wiki] render_unsafe_content` is `false`. (*since 0.11.8*)	`cvs, file, ftp, git, irc, http, https, news, sftp, smb, ssh, svn, svn+ssh`
split_page_names	Enable/disable splitting the WikiPageNames with space characters (*since 0.10*).	`false`

[wikiprint]

article_css_url	(no default)
book_css_url	(no default)
css_url	(no default)
extracontent_url	(no default)
frontpage_url	(no default)
httpauth_password	(no default)
httpauth_user	(no default)
omit_links	(no default)
omit_macros	(no default)
rebase_links	(no default)
toc_title	Table of Contents

Reference for special sections

1. [components]
2. [milestone-groups]
3. [repositories]
4. [svn:externals]
5. [ticket-custom]
6. [ticket-workflow]

[components]

This section is used to enable or disable components provided by plugins, as well as by Trac itself. The component to enable/disable is specified via the name of the option. Whether its enabled is determined by the option value; setting the value to `enabled` or `on` will enable the component, any other value (typically `disabled` or `off`) will disable the component.

The option name is either the fully qualified name of the components or the module/package prefix of the component. The former enables/disables a specific component, while the latter enables/disables any component in the specified package/module.

Consider the following configuration snippet:

```
[components]
trac.ticket.report.ReportModule = disabled
webadmin.* = enabled
```

The first option tells Trac to disable the report module. The second option instructs Trac to enable all components in the `webadmin` package. Note that the trailing wildcard is required for module/package matching.

See the *Plugins* page on *About Trac* to get the list of active components (requires `CONFIG_VIEW` permissions.)

See also: TracPlugins

[milestone-groups]

(since 0.11)

As the workflow for tickets is now configurable, there can be many ticket states, and simply displaying closed tickets vs. all the others is maybe not appropriate in all cases. This section enables one to easily create *groups* of states that will be shown in different colors in the milestone progress bar.

Example configuration (the default only has closed and active):

```
closed = closed
# sequence number in the progress bar
closed.order = 0
# optional extra param for the query (two additional columns: created and modified and sort on created)
closed.query_args = group=resolution,order=time,col=id,col=summary,col=owner,col=type,col=priority,col=
# indicates groups that count for overall completion
closed.overall_completion = truepercentage

new = new
new.order = 1
new.css_class = new
new.label = new

# one catch-all group is allowed
active = *
active.order = 2
# CSS class for this interval
active.css_class = open
# Displayed label for this group
active.label = in progress
```

The definition consists in a comma-separated list of accepted status. Also, '*' means any status and could be used to associate all remaining states to one catch-all group.

The CSS class can be one of: new (yellow), open (no color) or closed (green). New styles can easily be added using the following selector: `table.progress td.<class>`

[repositories]

(*since 0.12* multirepos)

One of the alternatives for registering new repositories is to populate the `[repositories]` section of the trac.ini.

This is especially suited for setting up convenience aliases, short-lived repositories, or during the initial phases of an installation.

See TracRepositoryAdmin for details about the format adopted for this section and the rest of that page for the other alternatives.

[svn:externals]

(since 0.11)

The TracBrowser for Subversion can interpret the `svn:externals` property of folders. By default, it only turns the URLs into links as Trac can't browse remote repositories.

However, if you have another Trac instance (or an other repository browser like ?ViewVC) configured to browse the target repository, then you can instruct Trac which other repository browser to use for which external URL.

This mapping is done in the `[svn:externals]` section of the TracIni

Example:

```
[svn:externals]
1 = svn://server/repos1                      http://trac/proj1/browser/$path?rev=$rev
2 = svn://server/repos2                      http://trac/proj2/browser/$path?rev=$rev
3 = http://theirserver.org/svn/eng-soft      http://ourserver/viewvc/svn/$path/?pathrev=25914
4 = svn://anotherserver.com/tools_repository http://ourserver/tracs/tools/browser/$path?rev=$rev
```

With the above, the `svn://anotherserver.com/tools_repository/tags/1.1/tools` external will be mapped to `http://ourserver/tracs/tools/browser/tags/1.1/tools?rev=` (and `rev` will be set to the appropriate revision number if the external additionally specifies a revision, see the ?SVN Book on externals for more details).

Note that the number used as a key in the above section is purely used as a place holder, as the URLs themselves can't be used as a key due to various limitations in the configuration file parser.

Finally, the relative URLs introduced in ?Subversion 1.5 are not yet supported.

[ticket-custom]

In this section, you can define additional fields for tickets. See TracTicketsCustomFields for more details.

[ticket-workflow]

(since 0.11)

The workflow for tickets is controlled by plugins. By default, there's only a `ConfigurableTicketWorkflow` component in charge. That component allows the workflow to be configured via this section in the trac.ini file. See TracWorkflow for more details.

See also: TracGuide, TracAdmin, TracEnvironment