Wikiprint Book

Title: The Trac Configuration File

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The Trac Configuration File

[Note To Editors] Please discuss documentation changes in the [#Discussion](#) section. Even better, send us [documentation patches?](#) against the code (i.e. where the configuration entries are documented), either on Trac-dev or on new tickets.

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 and its parent directory 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.

Note that the templates found in the `templates/` directory of the [TracEnvironment](#) have precedence over those found in `[inherit]` `templates_dir`. In turn, the latter have precedence over the installed templates, so be careful about what you put there, notably if you override a default template be sure to refresh your modifications when you upgrade to a new version of Trac (the preferred way to perform [TracInterfaceCustomization](#) being still to write a custom plugin doing an appropriate `ITemplateStreamFilter` transformation).

Reference for settings

This is a brief reference of available configuration options, and their default settings.

[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.	enabled
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_htpasswd_hash_type	Default hash type of new/updated passwords	crypt
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.	enabled
force_passwd_change	Force the user to change password when it's reset.	enabled
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
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_opt_list	Set to True, to switch login page style showing alternative actions in a single listing together.	disabled
notify_actions	Comma separated list of actions to notify of. Available actions 'new', 'change', 'delete'.	
password_format	Legacy option, deprecated since acct_mgr-0.1.2	(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.	disabled
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.	disabled
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, BotTrapCheck, RegExpCheck, UsernamePermCheck
reset_password	Set to False, if there is no email system setup.	enabled
username_char_blacklist	Always exclude some special characters from usernames. This is enforced upon new user registration.	:[]
verify_email	Verify the email address of Trac users.	enabled

[announcer]

always_notify_cc	The always_notify_cc will notify users in the cc field by default when a ticket is modified.	true
always_notify_cc_distributor	Comma-separated list of distributors to send the message to by default. ex. email, xmpp	email
always_notify_component_owner	Whether or not to notify the owner of the ticket's component. The user can override this setting in their preferences.	true
always_notify_component_owner_distributor	Comma-separated list of distributors to send the message to by default. ex. email, xmpp	email
always_notify_custom_cc	The always_notify_custom_cc will notify the users in the custom cc field by default when a ticket is modified.	true
always_notify_custom_cc_distributor	Comma-separated list of distributors to send the message to by default. ex. email, xmpp	email
always_notify_owner	The always_notify_owner option mimics the option of the same name in the notification section, except users can override it in their preferences.	true
always_notify_owner_distributor	Comma-separated list of distributors to send the message to by default. ex. email, xmpp	email
always_notify_reporter	The always_notify_reporter will notify the ticket reporter when a ticket is modified by default.	true
always_notify_reporter_distributor	Comma-separated list of distributors to send the message to by default. ex. email, xmpp	email
always_notify_user_admins	Sent user account notification to admin users per default, so they may opt-out individually instead of requiring everyone to opt-in.	enabled
always_notify_user_admins_distributor	Comma-separated list of distributors to send the message to by default. ex. email, xmpp	email
ctxtnav_names	Text of context navigation entries. An empty list removes them from the context navigation bar.	Watch This, Unwatch This
custom_cc_fields	Field names that contain users that should be notified on ticket changes	(no default)
default_email_format	The default mime type of the email notifications. This can be overridden on a per user basis through the announcer preferences panel.	text/plain
email_address_resolvers		SpecifiedEmailResolver, SessionEmailResolver, DefaultDomainEmailResolver
email_always_bcc	Email addresses specified here will always be bcc'd on all announcements. This setting is dangerous if accountmanager is present.	(no default)
email_always_cc	Email addresses specified here will always be cc'd on all announcements. This setting is dangerous if accountmanager is present.	(no default)
email_crypto	Enable cryptographically operation on email msg body. Empty string, the default for unset, disables all crypto operations. Valid values are: sign sign msg body with given privkey encrypt encrypt msg body with pubkeys of all recipients sign,encrypt sign, than encrypt msg body	(no default)
email_default_domain	Default host/domain to append to address that do not specify one	(no default)
email_enabled	Enable email notification.	true
email_from	Sender address to use in notification emails.	trac@localhost
email_from_name	Sender name to use in notification emails.	(no default)
email_replyto	Reply-To address to use in notification emails.	trac@localhost
email_sender	Name of the component implementing IEmailSender. This component is used by the announcer system to send emails. Currently, SmtpEmailSender and SendmailEmailSender are provided.	SmtpEmailSender
email_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.	__default__
email_threaded_realms	These are realms with announcements that should be threaded emails. In order for email threads to work, the announcer system needs to give the email recreatable Message-IDs based on the resources in the realm. The resources must have a unique and immutable id, name or str() representation in it's realm	ticket,wiki
email_to	Default To: field	undisclosed-recipients: ;
filter_exception_realms	The PermissionFilter? will filter announcements, for which the user doesn't have $(REALM)_VIEW permission. If there is some realm that doesn't use a permission called $(REALM)_VIEW, then you should add it to this list and create a custom filter to enforce it's permissions. Be careful, or permissions could be bypassed using the AnnouncerPlugin?.	acct_mgr
gpg_binary	GnuPG binary name, allows for full path too. Value 'gpg' is same default as in python-gnupg itself. For usual installations location of the gpg binary is auto-detected.	gpg
gpg_home	Directory containing keyring files. In case of wrong configuration missing keyring files without content will be created in the configured location, provided necessary write permission is granted for the corresponding parent directory.	(no default)
gpg_signing_key	Keyid of private key (last 8 chars or more) used for signing. If unset, a private key will be selected from keyring automagicly. The password must be available i.e. provided by running gpg-agent or empty (bad security). On failing to unlock the private key, msg body will get emptied.	(no default)
ignore_cc_changes	When true, the system will not send out announcement events if the only field that was changed was CC. A change to the CC field that happens at the same as another field will still result in an event being created.	false
joinable_groups	Joinable groups represent 'opt-in' groups that users may freely join. Enter a list of groups (without @) seperated by commas. The name of the groups should be a simple alphanumeric string. By adding the group name preceeded by @ (such as @sec for the sec group) to the CC field of a ticket, everyone in that group will receive an announcement when that ticket is changed.	
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. Note that the no encoding means that non-ASCII characters in text are going to cause problems with notifications.	base64
never_notify_updater	The never_notify_updater stops users from recieving announcements when they update tickets.	false
never_notify_updater_distributor	Comma-separated list of distributors to send the message to by default. ex. email, xmpp	email
rcpt_allow_regexp	A whitelist pattern to match any address to before adding to recipients list.	(no default)
rcpt_local_regexp	A whitelist pattern to match any address, that should be considered local. This will be evaluated only if msg encryption is set too. Recipients with matching email addresses will continue to receive unencrypted email messages.	(no default)
subscription_resolvers	Comma-separated list of subscription resolver components in the order they will be called.	SubscriptionResolver
ticket_email_header_fields	Comma-separated list of fields to appear in tickets. Use * to include all headers.	owner, reporter, milestone, priority, severity
ticket_email_subject	Format string for ticket email subject. This is a mini genshi template that is passed the ticket event and action objects.	Ticket #${ticket.id}: ${ticket['summary']} {% if action %}${action}{% end %}
ticket_link_with_comment	Include last change anchor in the ticket URL.	false
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	false
use_threaded_delivery	Do message delivery in a separate thread. Enabling this will improve responsiveness for requests that end up with an announcement being sent over email. It requires building Python with threading support enabled-- which is usually the case. To test, start Python and type 'import threading' to see if it raises an error.	false
watchable_paths	List of URL paths to allow watching. Globs are supported.	wiki/*,ticket/*
wiki_email_diff	Should a wiki diff be sent with emails?	true
wiki_email_subject	Format string for the wiki email subject. This is a mini genshi template and it is passed the page, event and action objects.	Page: ${page.name} ${action}

[attachment]

max_size	Maximum allowed file size (in bytes) for 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

[authz_policy]

authz_file	Location of authz policy configuration file.	(no default)

[autocomplete]

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

[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*)	enabled
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	Comma-separated list of version control properties to hide from the repository browser. (*since 0.9*)	svk:merge
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]

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.	
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

[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.	`disabled`

[fullblog-announcement]

`always_notify_author`	Notify the blog author of any changes to her blogs, including changes to comments.	`true`
`blog_email_subject`	Format string for the blog email subject. This is a mini genshi template and it is passed the blog_post and action objects.	`Blog: ${blog.name} ${action}`

[git]

`cached_repository`	Wrap `GitRepository` in `CachedRepository`.	`false`
`git_bin`	Path to the git executable.	`git`
`git_fs_encoding`	Define charset encoding of paths within git repositories.	`utf-8`
`persistent_cache`	Enable persistent caching of commit tree.	`false`
`projects_base`	Path to the base of your git projects	(no default)
`projects_list`	Path to a gitweb-formatted projects.list	(no default)
`projects_url`	Template for project URLs. %s will be replaced with the repo name	(no default)
`shortrev_len`	The length at which a sha1 should be abbreviated to (must be >= 4 and <= 40).	`7`
`trac_user_rlookup`	Enable reverse mapping of git email addresses to trac user ids. Performance will be reduced if there are many users and the `cached_repository` option is `disabled`. A repository resync is required after changing the value of this option.	`false`
`use_committer_id`	Use git-committer id instead of git-author id for the changeset *Author* field.	`true`
`use_committer_time`	Use git-committer timestamp instead of git-author timestamp for the changeset *Timestamp* field.	`true`
`wikishortrev_len`	The minimum length of an hex-string for which auto-detection as sha1 is performed (must be >= 4 and <= 40).	`40`

[graphviz]

cache_dir	The directory that will be used to cache the generated images. Note that if different than the default (gvcache), this directory must exist. If not given as an absolute path, the path will be relative to the Trac environment's directory.	gvcache
cache_manager	If this entry exists and set to true in the configuration file, then the cache management logic will be invoked and the cache_max_size, cache_min_size, cache_max_count and cache_min_count must be defined.	disabled
cache_max_count	The maximum number of files that the cache should contain. This is the high watermark for the directory entry count.	2000
cache_max_size	The maximum size in bytes that the cache should consume. This is the high watermark for disk space used.	10485760
cache_min_count	The minimum number of files that the cache should contain. This is the low watermark for the directory entry count.	1500
cache_min_size	When cleaning out the cache, remove files until this size in bytes is used by the cache. This is the low watermark for disk space used.	5242880
cmd_path	Full path to the directory where the graphviz programs are located. If not specified, the default is /usr/bin on Linux, C:\Program Files\ATT\Graphviz\bin on Windows and /usr/local/bin on FreeBSD 6.	(no default)
default_graph_dpi	Default dpi setting for graphviz, used during SVG to PNG rasterization.	96
encoding	The encoding which should be used for communicating with Graphviz (should match -Gcharset if given).	utf-8
out_format	Graph output format. Valid formats are: png, jpg, svg, svgz, gif. If not specified, the default is png. This setting can be overridden on a per-graph basis.	png
png_antialias	If this entry exists in the configuration file, then PNG outputs will be antialiased. Note that this requires rsvg to be installed.	disabled
processor	Graphviz default processor. Valid processors are: dot, neato, twopi, fdp, circo. If not specified, the default is dot. This setting can be overridden on a per-graph basis. GraphvizMacro will verify that the default processor is installed and will not work if it is missing. All other processors are optional. If any of the other processors are missing, a warning message will be sent to the trac log and GraphvizMacro will continue to work.	dot
rsvg_path	Full path to the rsvg program (including the filename). The default is <cmd_path>/rsvg.	(no default)

[graphviz]

[gviz]

hash	The algorithm used to generate a hash of the data sent back to the client. This feature is defined by Google Visualization API since version 0.5 so as to optimize the request / response mechanism to make rational use of the available bandwith.	(no default)

[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

[httpauth]

formats	Request formats to force HTTP authentication on	(no default)
paths	Paths to force HTTP authentication on.	/login/xmlrpc

[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 addition to those in the environments templates directory, but the latter take precedence. (*since 0.11*)	(no default)

[iniadmin]

excludes	Excludes this options. Comma separated list as `section:name` with wildcard characters (`*`, `?`).	`iniadmin:*,inherit:*`
passwords	Show input-type as password instead of text. Comma separated list as `section:name` with wildcard characters.	`trac:database,notification:smtp_password`

[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 `false` 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`

[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=component,col=sever

# .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]

[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: $tickets_descr
email_sender	Name of the component implementing `IEmailSender`. This component is used by the notification system to send emails. Trac currently provides `SmtpEmailSender` for connecting to an SMTP server, and `SendmailEmailSender` for running a `sendmail`-compatible executable. (*since 0.12*)	SmtpEmailSender
ignore_domains	Comma-separated list of domains that should not be considered part of email addresses (for usernames with Kerberos domains).	(no default)
mime_encoding	Specifies the MIME encoding scheme for emails. Valid options are 'base64' for Base64 encoding, 'qp' for Quoted-Printable, and 'none' for no encoding, in which case mails will be sent as 7bit if the content is all ASCII, or 8bit otherwise. (*since 0.10*)	none
smtp_always_bcc	Email address(es) to always send notifications to, addresses do not appear publicly (Bcc:). (*since 0.10*)	(no default)
smtp_always_cc	Email address(es) to always send notifications to, addresses can be seen by all recipients (Cc:).	(no default)
smtp_default_domain	Default host/domain to append to address that do not specify one.	(no default)
smtp_enabled	Enable email notification.	false
smtp_from	Sender address to use in notification emails.	trac@localhost
smtp_from_author	Use the action author as the sender of notification emails. (*since 1.0*)	false
smtp_from_name	Sender name to use in notification emails.	(no default)
smtp_password	Password for SMTP server. (*since 0.9*)	(no default)
smtp_port	SMTP server port to use for email notification.	25
smtp_replyto	Reply-To address to use in notification emails.	trac@localhost
smtp_server	SMTP server hostname to use for email notifications.	localhost
smtp_subject_prefix	Text to prepend to subject line of notification emails. If the setting is not defined, then the [$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

[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 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 used in notification e-mails.	(no default)

[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

[recaptcha]

private_key		(no default)
public_key		(no default)
require_javascript		disabled
theme		(no default)

[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`

[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

[section-edit]

`edit_subsections`	Whether to edit all subsections or just the section.	`disabled`
`preview_whole_page`	Whether to preview the entire page or just the section.	`enabled`

[smtp]

`debuglevel`	Set to 1 for useful smtp debugging on stdout.	0
`password`	Password for SMTP server.	(no default)
`port`	SMTP server port to use for email notification.	25
`server`	SMTP server hostname to use for email notifications.	`localhost`
`timeout`	SMTP server connection timeout. (requires python-2.6)	10
`use_ssl`	Use ssl for smtp connection.	`false`
`use_tls`	Use SSL/TLS to send notifications over SMTP.	`false`
`user`	Username for SMTP server.	(no default)

[spam-filter]

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`[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/*`
`eol_style`	End-of-Line character sequences when `svn:eol-style` property is `native`. If `native` (the default), substitute with the native EOL marker on the server. Otherwise, if `LF`, `CRLF` or `CR`, substitute with the specified EOL marker. (*since 1.0.2*)	`native`
`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*)

`[ticket]`

[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*)

[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*)	`enabled`
`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]

[trac-captcha]

captcha	Name of the component implementing `ICaptcha`, which is used to generate actual captchas.	`reCAPTCHAImplementation`
token_key	Generated private key which is used to encrypt captcha tokens.	(no default)

[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)

[wiki]

ignore_missing_pages	Enable/disable highlighting CamelCase links to missing pages (*since 0.9*).	`false`
max_size	Maximum allowed wiki page size in characters. (*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`

See also: TracGuide, TracAdmin, TracEnvironment