The Trac Configuration File

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)

`[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`

[autocomplete]

fields	select fields to autocomplement	(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]

oneliner_properties	Comma-separated list of version control properties to render as oneliner wiki content in the repository browser. (*since 0.11*)	trac:summary
wiki_properties	Comma-separated list of version control properties to render as wiki content in the repository browser. (*since 0.11*)	trac:description

[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

[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.

The permissions are created in upper-case characters regardless of the casing of the definitions in `trac.ini`. For example, the definition `extra_view` would create the permission `EXTRA_VIEW`.

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.	`disabled`

[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`

[github]

branches	Notify only commits on these branches to Trac	(no default)
repository	Repository name on GitHub (<user>/<project>)	(no default)

[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.	disabled
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,browser,timeline,homepage,contactform,fullblog
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, WIKI_VERSION_DELETE, WIKI_MODIFY, WIKI_RENAME	TICKET_CREATE,TICKET_MODIFY,WIKI_CREATE,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?	disabled
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 addition to those in the environments `templates` directory, but the latter take precedence. (*since 0.11*)	(no 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 `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`

`[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	`disabled`
`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	`disabled`
`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	`disabled`
`use_gs`	If enabled, use ghostscript to produce nicer output.	`disabled`

`[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 to this conversion. That can also be used to override the default quality ratio used by the Pygments render.	(no default)
`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)
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)
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)

[quiet]

enter_label		Enter Quiet Mode
leave_label		Leave Quiet Mode

[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*)

[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	disabled

[spam-filter]

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

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.	10
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.	20
badcontent_file	Local file to be loaded to get BadContent. Can be used in addition to BadContent wiki page.	(no default)
bayes_karma	By what factor Bayesian spam probability score affects the overall karma of a submission.	15
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.	20
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.	2
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
ip_blacklist_karma	By how many points blacklisting by a single server impacts the overall karma of a submission.	5
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 submission.	5
reject_handler	The handler used to reject content.	FilterSystem
report_pages	List of page types to add spam report link	wiki, attachment, ticket
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
show_train_only	Show the buttons for training without deleting entry.	disabled
skip_external	Skip external calls when this negative karma is already reached by internal tests.	20
skip_externalham	Skip external calls when this positive karma is already reached by internal tests.	30
spam_monitor_entries	How many monitor entries are displayed by default (between 5 and 10000).	100
spam_report_entries	How many report entries are displayed by default (between 5 and 10000).	100
spam_user_defaultmode	Default mode for spam user admin panel.	overview
spam_user_maxage	How many days no login are considered for dead accounts.	200
spam_user_minwiki	How many wiki edits are still an unused account.	0
stop_external	Stop external calls when this negative karma is reached.	50
stop_externalham	Stop external calls when this positive 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 karma of a submission.	10
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.	false
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]

repository_url	base URL of svn repository	(no default)

[tags]

cloud_caseless_sort	Whether the tag cloud should be sorted case-sensitive.	disabled
cloud_mincount	Integer threshold to hide tags with smaller count.	1
complete_field	Ticket field to which a drop-down tag list should be attached.	keywords
complete_matchcontains	Include partial matches in suggestion list. Default is true.	enabled
complete_sticky_tags	A list of comma separated values available for input.	(no default)
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.	
ignore_closed_tickets	Do not collect tags from closed tickets.	enabled
listtagged_default_format	Set default format for the handler of the /tags domain. See ListTagged description (WikiMacros) for supported values.	oldlist
listtagged_default_table_cols	Select columns and column order for table format. See ListTagged description (WikiMacros) for supported values.	id|description|tags
listtagged_exclude_realms	Comma-separated list of realms to exclude from tags queries by default, unless specifically included using 'realm:<realm>' in a query.	
listtagged_items_per_page	Number of tagged resources displayed per page of tag query results requested by ListTagged macros and from /tags.	100
query_exclude_wiki_templates	Whether tagged wiki page templates should be queried.	enabled
revisable_realms	Comma-separated list of realms requiring tag change history.	wiki
separator	Character(s) to use as separators between tags. Default is a single whitespace.	
ticket_fields	List of ticket fields to expose as tags.	keywords
ticket_help	If specified, 'keywords' label on ticket view will be turned into a link to this URL.	(no default)
ticket_help_newwindow	If true and keywords_help specified, wiki page will open in a new window. Default is false.	disabled
wiki_page_link	Link a tag to the wiki page with same name, if it exists.	enabled
wiki_page_prefix	Prefix for tag wiki page names.	(no default)

[ticket]

`pending_removal_status`	Status to apply when removing 'Pending' status automatically.	`new`

[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*).	`enabled`
`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*).	`disabled`
`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).	`disabled`

[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`
`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`

[trac]

[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 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`

Reference for special sections

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[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=component,col=sever
# 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