

The Trac Configuration File

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Trac configuration is done by editing the `trac.ini` config file, located in `<projectenv>/conf/trac.ini`.

Global Configuration

Since version 0.9, Trac can also read the configuration from a global `trac.ini` file. These global options will then be merged with the environment-specific options, where local options override global options.

The global configuration is by default located in `$prefix/share/trac/conf/trac.ini`. It can be moved to a different location (for example, `/etc/trac.ini`), but that requires changing the file `trac/siteconfig.py` which gets created when Trac is installed.

Reference

This is a brief reference of available configuration options.

[account-manager]

```
authentication_url
password_file
htdigest_realm
```

`generated_password_length` Length of the randomly-generated passwords created when resetting the password for an account.

`password_store`

`hash_method`

`password_format`

[attachment]

`max_size` Maximum allowed file size for ticket and wiki attachments.

`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).

[browser]

`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).

`downloadable_paths` List of repository paths that can be downloaded. Leave the 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) (*since 0.10*)

`hide_properties` List of subversion properties to hide from the repository browser (*since 0.9*)

[changeset]

`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.

`max_diff_files` Maximum number of modified files for which the changeset view will attempt to show the diffs inlined (*since 0.10*).

`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*).

[discussion]

`title` Main navigation bar button title.

`topic_sort` Column by which will be sorted topic lists. Possible values are: id forum subject time author body replies lastreply.

`topic_sort_direction` Direction of topic lists sorting. Possible values are: asc desc.

`forum_sort` Column by which will be sorted forum lists. Possible values are: id group name subject time moderators description topics replies lasttopic lastreply

`default_display` Default display mode of topic message list.

`forum_sort_direction` Direction of forum lists sorting. Possible values are: asc desc.

[account-manager]

[doxygen]

index	Default index page to pick in the generated documentation.
title	Title to use for the main navigation tab.
ext	Space separated list of extensions for doxygen managed files.
wiki_index	Wiki page to use as the default page for the Doxygen main page. If set, supersedes the [doxygen] index option.
source_ext	Space separated list of source files extensions
path	Directory containing doxygen generated files.
default_documentation	Default documentation project, relative to [doxygen] path. When no explicit path is given in a documentation request, this path will be prepended to the request before looking for documentation files.
html_output	Default documentation project suffix, as generated by Doxygen using the HTML_OUTPUT Doxygen configuration setting.
encoding	Default encoding used by the generated documentation files.

[header_logo]

width	Width of the header logo image in pixels.
height	Height of the header logo image in pixels.
alt	Alternative text for the header logo.
src	URL of the image to use as header logo.
link	URL to link to from header logo.

[logging]

log_level	Level of verbosity in log. Should be one of (CRITICAL, ERROR, WARN, INFO, DEBUG). 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 library (see http://docs.python.org/lib/node422.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 <u>ConfigParser?</u> itself. Example: \$(thread)d Trac[\$(basename)s:\$(module)s] \$(levelname)s: \$(message)s (since 0.10.5)
log_format	
log_file	If log_type is file, this should be a path to the log-file.
log_type	Logging facility to use. Should be one of (none, file, stderr, syslog, winlog).

[mimeviewer]

php_path	Path to the PHP executable (<i>since 0.9</i>).
silvercity_modes	List of additional MIME types known by <u>SilverCity?</u> . For each, a tuple mimetype:mode:quality has to be specified, where mimetype is the MIME type, mode is the corresponding <u>SilverCity?</u> 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 <u>SilverCity?</u> render, which is 3 (<i>since 0.10</i>).
enscript_modes	

List of additional MIME types known by Enscript. For each, a tuple `mimetype:mode:quality` has to be specified, where `mimetype` is the MIME type, `mode` is the corresponding Enscript 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 Enscript render, which is 2 (*since 0.10*).

`tab_width` Displayed tab width in file preview (*since 0.9*).

`max_preview_size` Maximum file size for HTML preview. (*since 0.9*).

`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*).

`enscript_path` Path to the Enscript executable.

[navhider]

`metanav` Items to remove from the metanav bar

`mainnav` Items to remove from the mainnav bar

[notification]

`smtp_always_bcc` Email address(es) to always send notifications to, addresses do not appear publicly (Bcc:). (*since 0.10*).

`always_notify_updater` Always send notifications to the person who causes the ticket property change.

`smtp_user` Username for SMTP server. (*since 0.9*).

`always_notify_owner` Always send notifications to the ticket owner (*since 0.9*).

`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*).

`smtp_replyto` Reply-To address to use in notification emails.

`smtp_port` SMTP server port to use for email notification.

`smtp_from` Sender address to use in notification emails.

`use_tls` Use SSL/TLS to send notifications (*since 0.10*).

`smtp_default_domain` Default host/domain to append to address that do not specify one

`always_notify_reporter` Always send notifications to any address in the *reporter* field.

`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 (*since 0.10*).

`smtp_always_cc` Email address(es) to always send notifications to, addresses can be see by all recipients (Cc:).

`smtp_password` Password for SMTP server. (*since 0.9*).

`smtp_server` SMTP server hostname to use for email notifications.

`smtp_enabled` Enable SMTP (email) notification.

`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*).

`use_short_addr`

[mimeviewer]

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*).

[project]

`url` URL of the main project web site.
`name` Name of the project.
`icon` URL of the icon of the project.
`footer` Page footer text (right-aligned).
`descr` Short description of the project.

[recaptcha]

`theme` Can be red, white (default), blackglass, clean or custom. Please see <http://wiki.recaptcha.net/index.php/Theme>
`private_key` The private key given to you from the reCAPTCHA site
`public_key` The public key given to you from the reCAPTCHA site

[screenshots]

`ext` List of screenshot file extensions that can be uploaded. Must be supported by PIL.
`default_list_item` Default format of list item description of [[ScreenshotsList]] macro.
`mainnav_title` Main navigation bar button title.
`metanav_title` Meta navigation bar link title.
`default_format` Default format for screenshot download links.
`default_components` List of components enabled by default.
`default_description` Template for embended image description.
`default_versions` List of versions enabled by default.
`path` Path where to store uploaded screenshots.
`formats` List of allowed formats for screenshot download.

[screenshots-matrix]

`rows` Number of screenshot preview rows.
`height` Height of screenshot preview.
`columns` Number of screenshot columns.
`width` Width of screenshot preview.

[search]

`min_query_length` Minimum length of query string allowed when performing a search.

[spam-filter]

`trust_authenticated` Whether content submissions by authenticated users should be trusted without checking for potential spam or other abuse.

[notification]

<code>min_karma</code>	The minimum score required for a submission to be allowed.
<code>extlinks_karma</code>	By how many points too many external links in a submission impact the overall score.
<code>ip_blacklist_servers</code>	Servers used for IP blacklisting.
<code>akismet_karma</code>	By how many points an Akismet reject impacts the overall karma of a submission.
<code>logging_enabled</code>	Whether all content submissions and spam filtering activity should be logged to the database.
<code>bayes_min_training</code>	The minimum number of submissions in the training database required for the filter to start impacting the karma of submissions.
<code>ip_blacklist_karma</code>	By how many points blacklisting by a single server impacts the overall karma of a submission.
<code>akismet_api_key</code>	Wordpress key required to use the Akismet API.
<code>regex_karma</code>	By how many points a match with a pattern on the BadContent? page impacts the overall karma of a submission.
<code>bayes_karma</code>	By what factor Bayesian spam probability score affects the overall karma of a submission.
<code>purge_age</code>	The number of days after which log entries should be purged.
<code>session_karma</code>	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.
<code>ip_throttle_karma</code>	By how many points exceeding the configured maximum number of posts per hour impacts the overall score.
<code>akismet_api_url</code>	URL of the Akismet service.
<code>max_external_links</code>	The maximum number of external links allowed in a submission until that submission gets negative karma.
<code>max_posts_by_ip</code>	The maximum allowed number of submissions per hour form a single IP address. If this limit is exceeded, subsequent permissions get negative karma.
<code>attachment_sample_size</code>	The number of bytes from an attachment to pass through the spam filters.

[theme]

<code>override_logo</code>	Allow themes to override your header_logo.
<code>theme</code>	The theme to use to style this Trac.

[ticket]

<code>default_version</code>	Default version for newly created tickets.
<code>restrict_owner</code>	Make the owner field of tickets use a drop-down menu. See Assign-to as Drop-Down List (since 0.9).
<code>default_type</code>	Default type for newly created tickets (since 0.9).
<code>default_priority</code>	Default priority for newly created tickets.
<code>default_milestone</code>	Default milestone for newly created tickets.
<code>default_component</code>	Default component for newly created tickets

[spam-filter]

[timeline]

<code>changeset_long_messages</code>	Whether wiki-formatted changeset messages should be multiline or not. If this option is not specified or is false and <code>wiki_format_messages</code> is set to true, changeset messages will be single line only, losing some formatting (bullet points, etc).
<code>default_daysback</code>	Default number of days displayed in the Timeline, in days. (<i>since 0.9</i> .)
<code>ticket_show_details</code>	Enable the display of all ticket changes in the timeline (<i>since 0.9</i>).
<code>changeset_show_files</code>	Number of files to show (-1 for unlimited, 0 to disable).

[trac]

<code>authz_file</code>	Path to Subversion <u>authorization (authz) file</u>
<code>check_auth_ip</code>	Whether the IP address of the user should be checked for authentication (<i>since 0.9</i>).
<code>database</code>	Database connection <u>string</u> for this project
<code>repository_type</code>	Repository connector type. (<i>since 0.10</i>)
<code>ignore_auth_case</code>	Whether case should be ignored for login names (<i>since 0.9</i>).
<code>metanav</code>	List of items IDs to display in the navigation bar metanav.
<code>default_charset</code>	Charset to be used when in doubt.
<code>use_base_url_for_redirect</code>	Optionally use <code>[trac] base_url</code> 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 <code>base_url</code> 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. (<i>since 0.10.5</i>)
<code>default_handler</code>	Name of the component that handles requests to the base URL. Options include <code>TimelineModule</code> , <code>RoadmapModule</code> , <code>BrowserModule</code> , <code>QueryModule</code> , <code>ReportModule</code> and <code>NewticketModule</code> (<i>since 0.9</i>).
<code>htdocs_location</code>	Base URL of the core static resources.
<code>permission_store</code>	Name of the component implementing <code>IPermissionStore</code> , which is used for managing user and group permissions.
<code>templates_dir</code>	Path to the ClearSilver templates.
<code>repository_dir</code>	Path to local repository
<code>request_filters</code>	Ordered list of filters to apply to all requests (<i>since 0.10</i>).
<code>base_url</code>	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.
<code>timeout</code>	Timeout value for database connection, in seconds. Use '0' to specify <i>no timeout</i> . (<i>Since 0.11</i>)
<code>mainnav</code>	List of item IDs to display in the navigation bar mainnav.
<code>authz_module_name</code>	The module prefix used in the <code>authz_file</code> .

[tracbzr]

<code>include_sideline_changes</code>	Include sideline changes in the list of changes. This option controls whether sideline changes (i.e. changes with dotted revision numbers only) are included in the list of changes as reported by the timeline view. Note that there might be other plugins using that information as well, so there might be other components beside the timeline view that get affected by this setting. Defaults to True.
<code>primary_branches</code>	Ordered list of primary branches. These will be listed first in the Branches macro. When viewing the timeline, each changeset will be associated with the first primary branch that contains it. The value is a comma separated list of globs, as used by the fnmatch module. An empty list element can be used to denote the branch at the root of the repository. Defaults to 'trunk'.

[tracwysiwyg]

`wysiwyg_stylesheets` Add stylesheets to the WYSIWYG editor

[wiki]

<code>ignore_missing_pages</code>	Enable/disable highlighting <u>CamelCase</u> links to missing pages (<i>since 0.9</i>).
<code>render_unsafe_content</code>	Enable/disable the use of unsafe HTML tags such as <code><script></code> or <code><embed></code> with the HTML <u>WikiProcessor</u> (<i>since 0.10.4</i>). For public sites where anonymous users can edit the wiki it is recommended to leave this option disabled (which is the default).
<code>split_page_names</code>	Enable/disable splitting the <u>WikiPageNames</u> with space characters (<i>since 0.10</i>).

[components]

(*since 0.9*)

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](#)

Note that prior to Trac [r2335](#) (that applies to 0.9b1 and 0.9b2), you would use a `[disabled_components]` section instead. See a [previous version](#) of this page for the details.

See also: [TracGuide](#), [TracAdmin](#), [TracEnvironment](#)