The Trac Configuration File

Error: Macro TracGuideToc(None) failed

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

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

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

Global Configuration

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

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

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

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

Note that you can also specify a global option file when creating a new project, by adding the option `--inherit=/path/to/global/trac.ini` to <u>trac-admin</u>'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 <u>[inherit]</u> 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.

[attachment]

<u>max_size</u>	Maximum allowed file size (in bytes) for attachments.	262144
<u>max_zip_size</u>	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
<u>render_unsafe_content</u>	Whether attachments should be rendered in the browser, or only made downloadable.	disabled

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.

[browser]

	Enable colorization of the *age* column.	
color_scale	This uses the same color scale as the source code annotation: blue is older, red is newer.	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.	/trunk,/branches/*,/tags/*
hide_properties	Comma-separated list of version control properties to hide from the repository browser.	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.	(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.	(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.	(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.	(136, 136, 255)

oneliner_properties	Comma-separated list of version control properties to render as oneliner wiki content in the repository browser.	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.	disabled
wiki_properties	Comma-separated list of version control properties to render as wiki content in the repository browser.	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.	10000000
max_diff_files	Maximum number of modified files for which the changeset view will attempt to show the diffs inlined.	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.	enabled

[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
acct_mgr.* = enabled
```

The first option tells Trac to disable the report module. The second option instructs Trac to enable all components in the acct_mgr 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

[git]

cached_repository	Wrap `GitRepository` in `CachedRepository`.	disabled
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.	disabled
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.	disabled
use_committer_id	Use git-committer id instead of git-author id for the changeset *Author* field.	enabled
use_committer_time	Use git-committer timestamp instead of git-author timestamp for the changeset *Timestamp* field.	enabled
wikishortrev_len	The minimum length of an hex-string for which auto-detection as sha1 is performed (must be >= 4 and <= 40).	40

[gitweb-repositories]

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)
sync_per_request	Repositories to sync on every request (not recommended).	(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 <u>TracEnvironment</u>; `common/your-logo.png` if `your-logo.png` is located in the folder mapped to the <u>htdocs_location</u> 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

[http-headers]

Headers to be added to the HTTP request. (*since 1.2.3*)

The header name must conform to RFC7230 and the following reserved names are not allowed: content-type,

content-length, location, etag, pragma, cache-control, expires.

[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. Non-absolute paths are relative to the Environment `conf` directory. (*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. Non-absolute paths are relative to the Environment `conf` directory.	(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. Non-absolute paths are relative to the Environment `conf` directory.	(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.

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:

[http-headers]   5

```
[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]`

<u>log file</u>	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`
<u>log format</u>	Custom logging format. If nothing is set, the following will be used: `Trac[$(module)s] $(levelname)s: $(message)s` In addition to regular key names supported by the <u>?Python logger library</u> one could use: • `$(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`	(no default)
<u>log level</u>	Level of verbosity in log. Should be one of (`CRITICAL`, `ERROR`, `WARNING`, `INFO`, `DEBUG`).	DEBUG
<u>log type</u>	Logging facility to use. Should be one of (`none`, `file`, `stderr`, `syslog`, `winlog`).	none

`[mainnav]`

Configures the main navigation bar, which by default contains *Wiki*, *Timeline*, *Roadmap*, *Browse Source*, *View Tickets*, *New Ticket*, *Search* and *Admin*.

The `label`, `href`, and `order` attributes can be specified. Entries can be disabled by setting the value of the navigation item to `disabled`.

The following example renames the link to <u>WikiStart</u> to *Home*, links the *View Tickets* entry to a specific report and disables the *Search* entry.

```
[mainnav]
wiki.label = Home
tickets.href = /report/24
search = disabled
```

See <u>TracNavigation</u> for more details.

[metanav]

Configures the meta navigation entries, which by default are *Login*, *Logout*, *Preferences*, *Help/Guide* and *About Trac*. The allowed attributes are the same as for [mainnav]. Additionally, a special entry is supported - logout.redirect is the page the user sees after hitting the logout button. For example:

```
[metanav]
logout.redirect = wiki/Logout
```

See TracNavigation for more details.

[milestone]

default_group_by	Default field to use for grouping tickets in the grouped progress bar. (*since 1.2*)	component
default_retarget_to	Default milestone to which tickets are retargeted when closing or deleting a milestone. (*since 1.1.2*)	(no default)
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=priori

# .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.

[mimeviewer]

max_preview_size	Maximum file size for HTML preview.	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.	text/x-dylan:dylan,text/x-idl:ice,text/x
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(?!\.rst)|INSTALL(?!\.r
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.	8
treat_as_binary	Comma-separated list of MIME types that should be treated as binary data.	application/octet-stream,application/pdf

[notification]

admit_domains	Comma-separated list of domains that should be considered as valid for email addresses (such as localdomain).	(no default)
ambiguous_char_width	Width of ambiguous characters that should be used in the table of the 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. (*since 1.0*)	${prefix} Batch modify: ${tickets_descr}
default_format.email	Default format to distribute email notifications.	text/plain
email_address_resolvers	Comma separated list of email resolver components in the order they will be called. If an email address is resolved, the remaining resolvers will not be called.	SessionEmailResolver
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)
message_id_hash	Hash algorithm to create unique Message-ID header. (*since 1.0.13*)	md5
mime_encoding	Specifies the MIME encoding scheme for emails. Supported values are: `none`, the default value which uses 7-bit encoding if the text is plain ASCII or 8-bit otherwise. `base64`, which works with any kind of content but may cause some issues with touchy anti-spam/anti-virus engine. `qp` or `quoted-printable`, which works best for european languages (more compact than base64) if 8-bit encoding cannot	none

	be used.	
	Path to the sendmail executable.	
sendmail_path	The sendmail program must accept the $-i$ and $-f$ options.	sendmail
	(*since 0.12*)	
smtp_always_bcc	Comma-separated list of email addresses to always send notifications to. Addresses are not public (Bcc:).	(no default)
smtp_always_cc	Comma-separated list of email addresses to always send notifications to. Addresses can be seen by all recipients (Cc:).	(no default)
smtp_default_domain	Default host/domain to append to addresses that do not specify one. Fully qualified addresses are not modified. The default domain is appended to all username/login for which an email address cannot be found in the user settings.	(no default)
smtp_enabled	Enable email notification.	disabled
smtp_from	Sender address to use in notification emails. At least one of smtp_from and smtp_replyto must be set, otherwise Trac refuses to send notification mails.	trac@localhost
smtp_from_author	Use the author of the change as the sender in notification emails (e.g. reporter of a new ticket, author of a comment). If the author hasn't set an email address, smtp_from and smtp_from_name are used instead. (*since 1.0*)	disabled
smtp_from_name	Sender name to use in notification emails.	(no default)
smtp_password	Password for authenticating with SMTP server.	(no default)
smtp_port	SMTP server port to use for email notification.	25
smtp_replyto	Reply-To address to use in notification emails. At least one of smtp_from and smtp_replyto must be set, otherwise Trac refuses to send notification mails.	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 [$project_name] is used as the prefix. If no prefix is desired, then specifying an empty option will disable it.	__default__
smtp_user	Username for authenticating with SMTP server.	(no default)

[notification]

ticket_subject_template	A Genshi text template snippet used to get the notification subject. The template variables are documented on the TracNotification page.	`${prefix} #${ticket.id}: ${summary}`
use_public_cc	Addresses in the To and Cc fields are visible to all recipients. If this option is disabled, recipients are put in the Bcc list.	`disabled`
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. See also `smtp_default_domain`. Do not use this option with a public SMTP server.	`disabled`
use_tls	Use SSL/TLS to send notifications over SMTP.	`disabled`

[notification-subscriber]

The notifications subscriptions are controlled by plugins. All `INotificationSubscriber` components are in charge. These components may allow to be configured via this section in the `trac.ini` file.

See TracNotification for more details.

Available subscribers:

Subscriber	Description
`AlwaysEmailSubscriber`	
`CarbonCopySubscriber`	Ticket that I'm listed in the CC field is modified
`NewTicketSubscriber`	Any ticket is created
`TicketOwnerSubscriber`	Ticket that I own is created or modified
`TicketPreviousUpdatersSubscriber`	Ticket that I previously updated is modified
`TicketReporterSubscriber`	Ticket that I reported is modified
`TicketUpdaterSubscriber`	I update a ticket

[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.	
`descr`	Short description of the project.	`My example project`
`footer`	Page footer text (right-aligned).	`Visit the Trac open source project at <a href="http://trac.edgewall.org/">http://trac.edgewall.org/`
`icon`	URL of the icon of the project.	`common/trac.ico`
`name`	Name of the project.	`My Project`
`url`	URL of the main project web site, usually the website in which the `base_url` resides. This is used in notification e-mails.	(no default)

[pygments-lexer]

Configure Pygments ?lexer options.

For example, to set the ?PhpLexer options `startinline` and `funcnamehighlighting`:

```
[pygments-lexer]
php.startinline = True
php.funcnamehighlighting = True
```

The lexer name is derived from the class name, with `Lexer` stripped from the end. The lexer *short names* can also be used in place of the lexer name.

[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.	`status!=closed&cc~=$USER`
`default_query`	The default query for authenticated users. The query is either in query	`status!=closed&owner=$USER`

	language syntax, or a URL query string starting with `?` as used in `query:` [Trac links].	
items per page	Number of tickets displayed per page in ticket queries, by default.	`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`

[report]

items per page	Number of tickets displayed per page in ticket reports, by default.	`100`
items per page rss	Number of tickets displayed in the rss feeds for reports.	`0`

[repositories]

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

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

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

(*since 0.12*)

[revisionlog]

default log limit	Default value for the limit argument in the [TracRevisionLog].	`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)

[query]

| <u>min query length</u> | Minimum length of query string allowed when performing a search. | 3 |

[sqlite]

| <u>extensions</u> | Paths to <u>?sqlite extensions</u>. The paths may be absolute or relative to the Trac environment. (*since 0.12*) | (no default) |

[svn]

<u>authz_file</u>	The path to the Subversion <u>?authorization (authz) file</u>. To enable authz permission checking, the `AuthzSourcePolicy` permission policy must be added to `[trac] permission_policies`. Non-absolute paths are relative to the Environment `conf` directory.	(no default)
<u>authz_module_name</u>	The module prefix used in the `authz_file` for the default repository. If left empty, the global section is used.	(no default)
<u>branches</u>	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/*`
<u>eol_style</u>	End-of-Line character sequences when `svn:eol-style` property is `native`. If `native`, substitute with the native EOL marker on the server. Otherwise, if `LF`, `CRLF` or `CR`, substitute with the specified EOL marker.	`native`
<u>tags</u>	(*since 1.0.2*) 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 <u>TracBrowser</u> 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 <u>?ViewVC</u>) 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 <u>TracIni</u>.

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=$re
```

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]

Option	Description	Default
allowed_empty_fields	Comma-separated list of `select` fields that can have an empty value. (*since 1.1.2*)	`milestone,version`
default_cc	Default cc: list for newly created tickets.	(no default)
default_component	Default component for newly created tickets.	(no default)
default_description	Default description for newly created tickets.	(no default)
default_keywords	Default keywords for newly created tickets.	(no default)
default_milestone	Default milestone for newly created tickets.	(no default)
default_owner	Default owner for newly created tickets.	`< default >`
default_priority	Default priority for newly created tickets.	`major`
default_resolution	Default resolution for resolving (closing) tickets.	`fixed`
default_severity	Default severity for newly created tickets.	(no default)
default_summary	Default summary (title) for newly created tickets.	(no default)
default_type	Default type for newly created tickets.	`defect`
default_version	Default version for newly created tickets.	(no default)
max_comment_size	Maximum allowed comment size in characters.	`262144`
max_description_size	Maximum allowed description size in characters.	`262144`
max_summary_size	Maximum allowed summary size in characters. (*since 1.0.2*)	`262144`
preserve_newlines	Whether Wiki formatter should respect the new lines present in the Wiki text. If set to 'default', this is equivalent to 'yes' for new environments but keeps the old behavior for upgraded environments (i.e. 'no').	`default`
restrict_owner	Make the owner field of tickets use a drop-down menu. Be sure to understand the performance implications before activating this option. See [Assign-to as Drop-Down List](#). Please note that e-mail addresses are **not** obfuscated in the resulting drop-down menu, so this option should not be used if e-mail addresses must remain protected.	`disabled`

[workflow](#)	Ordered list of workflow controllers to use for ticket actions.	`ConfigurableTicketWorkflow`

[ticket-custom]

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

[ticket-workflow]

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

[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.	`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.	`disabled`
[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).	`disabled`
[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.	`0`
[default_daysback](#)	Default number of days displayed in the Timeline, in days.	`30`
[max_daysback](#)	Maximum number of days (-1 for unlimited) displayable in the Timeline.	`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.	`oneliner`
[ticket_show_component](#)	Enable the display of component of tickets in the timeline. (*since 1.1.1*)	`disabled`
[ticket_show_details](#)	Enable the display of all ticket changes in the timeline, not only open / close operations.	`disabled`

[trac]

[anonymous_session_lifetime](#)	Lifetime of the anonymous session, in days. Set the option to 0 to disable purging old anonymous sessions. (*since 1.0.17*)	90
[auth_cookie_domain](#)	Auth cookie domain attribute.	(no de

	The auth cookie can be shared among multiple subdomains by setting the value to the domain. (*since 1.2*)	
	Lifetime of the authentication cookie, in seconds.	
auth_cookie_lifetime	This value determines how long the browser will cache authentication information, and therefore, after how much inactivity a user will have to log in again. The value of 0 makes the cookie expire at the end of the browsing session. (*since 0.12*)	0
auth_cookie_path	Path for the authentication cookie. Set this to the common base path of several Trac instances if you want them to share the cookie. (*since 0.12*)	(no de
auto_preview_timeout	Inactivity timeout in seconds after which the automatic wiki preview triggers an update. This option can contain floating-point values. The lower the setting, the more requests will be made to the server. Set this to 0 to disable automatic preview. (*since 0.12*)	2.0
auto_reload	Automatically reload template files after modification.	disa
backup_dir	Database backup location	db
	Reference URL for the Trac deployment.	
base_url	This is the base URL that will be used when producing documents that will be used outside of the web browsing context, like for example when inserting URLs pointing to Trac resources in notification e-mails.	(no de
check_auth_ip	Whether the IP address of the user should be checked for authentication.	disa
database	Database connection string for this project	sqli
debug_sql	Show the SQL queries in the Trac log, at DEBUG level.	disa
default_charset	Charset to be used when in doubt.	utf-
default_date_format	The date format. Valid options are 'iso8601' for selecting ISO 8601 format, or leave it empty which means the default date format will be inferred from the browser's default language. (*since 1.0*)	(no de
default_dateinfo_format	The date information format. Valid options are 'relative' for displaying relative format and 'absolute' for displaying absolute format. (*since 1.0*)	rela
	Name of the component that handles requests to the base URL.	
default_handler	Options include `TimelineModule`, `RoadmapModule`, `BrowserModule`, `QueryModule`, `ReportModule`, `TicketModule` and `WikiModule`.	Wiki
default_language	The preferred language to use if no user preference has been set. (*since 0.12.1*)	(no de
default_timezone	The default timezone to use	(no de
genshi_cache_size	The maximum number of templates that the template loader will cache in memory. You may want to choose a higher value if your site uses a larger number of templates, and you have enough memory to spare, or you can reduce it if you are short on memory.	128
htdocs_location	Base URL for serving the core static resources below `/chrome/common/`.	(no de

It can be left empty, and Trac will simply serve those resources itself.

Advanced users can use this together with trac-admin ... deploy <deploydir> to allow serving the static resources for Trac directly from the web server. Note however that this only applies to the `<deploydir>/htdocs/common` directory, the other deployed resources

	(i.e. those from plugins) will not be made available this way and additional rewrite rules will be needed in the web server.	
ignore_auth_case	Whether login names should be converted to lower case.	disa
jquery_location	Location of the jQuery JavaScript library (version 1.11.3). An empty value loads jQuery from the copy bundled with Trac. Alternatively, jQuery could be loaded from a CDN, for example: ?http://code.jquery.com/jquery-1.11.3.min.js, ?http://ajax.aspnetcdn.com/ajax/jQuery/jquery-1.11.3.min.js or ?https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js. (*since 1.0*)	(no de
jquery_ui_location	Location of the jQuery UI JavaScript library (version 1.11.4). An empty value loads jQuery UI from the copy bundled with Trac. Alternatively, jQuery UI could be loaded from a CDN, for example: ?https://ajax.googleapis.com/ajax/libs/jqueryui/1.11.4/jquery-ui.min.js or ?http://ajax.aspnetcdn.com/ajax/jquery.ui/1.11.4/jquery-ui.min.js. (*since 1.0*)	(no de
jquery_ui_theme_location	Location of the theme to be used with the jQuery UI JavaScript library (version 1.11.4). An empty value loads the custom Trac jQuery UI theme from the copy bundled with Trac. Alternatively, a jQuery UI theme could be loaded from a CDN, for example: ?https://ajax.googleapis.com/ajax/libs/jqueryui/1.11.4/themes/start/jquery-ui.css or ?http://ajax.aspnetcdn.com/ajax/jquery.ui/1.11.4/themes/start/jquery-ui.css. (*since 1.0*)	(no de
never_obfuscate_mailto	Never obfuscate `mailto:` links explicitly written in the wiki, even if `show_email_addresses` is false or the user doesn't have EMAIL_VIEW permission.	disa
permission_policies	List of components implementing `IPermissionPolicy`, in the order in which they will be applied. These components manage fine-grained access control to Trac resources.	Read
permission_store	Name of the component implementing `IPermissionStore`, which is used for managing user and group permissions.	Defa
request_filters	Ordered list of filters to apply to all requests.	(no de
resizable_textareas	Make `<textarea>` fields resizable. Requires JavaScript. (*since 0.12*)	enab
secure_cookies	Restrict cookies to HTTPS connections. When true, set the `secure` flag on all cookies so that they are only sent to the server on HTTPS connections. Use this if your Trac instance is only accessible through HTTPS.	disa
show_email_addresses	Show email addresses instead of usernames. If false, email addresses are obfuscated for users that don't have EMAIL_VIEW permission.	disa
show_full_names	Show full names instead of usernames. (*since 1.2*)	enab

<u>show ip addresses</u>	Show IP addresses for resource edits (e.g. wiki). Since 1.0.5 this option is deprecated and will be removed in 1.3.1.	disa
<u>timeout</u>	Timeout value for database connection, in seconds. Use '0' to specify *no timeout*.	20
	Optionally use `[trac] base_url` for redirects.	
<u>use base url for redirect</u>	In some configurations, usually involving running Trac behind a HTTP proxy, Trac can't automatically reconstruct the URL that is used to access it. You may need to use this option to force Trac to use the `base_url` setting also for redirects. This introduces the obvious limitation that this environment will only be usable when accessible from that URL, as redirects are frequently used.	disa
<u>use chunked encoding</u>	If enabled, send contents as chunked encoding in HTTP/1.1. Otherwise, send contents with `Content-Length` header after entire of the contents are rendered. (*since 1.0.6*)	disa
<u>use xsendfile</u>	When true, send a `X-Sendfile` header and no content when sending files from the filesystem, so that the web server handles the content. This requires a web server that knows how to handle such a header, like Apache with `mod_xsendfile` or lighttpd. (*since 1.0*)	disa
<u>wiki toolbars</u>	Add a simple toolbar on top of Wiki <textarea>s. (*since 1.0.2*)	enab
<u>xsendfile header</u>	The header to use if `use_xsendfile` is enabled. If Nginx is used, set `X-Accel-Redirect`. (*since 1.0.6*)	X-Se

[versioncontrol]

<u>allowed repository dir prefixes</u>	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)
<u>default repository type</u>	Default repository connector type. This is used as the default repository type for repositories defined in the <u>repositories</u> section or using the "Repositories" admin panel. (*since 0.12*)	svn

[wiki]

<u>default edit area height</u>	Default height of the textarea on the wiki edit page. (*Since 1.1.5*)	20
<u>ignore missing pages</u>	Enable/disable highlighting <u>CamelCase</u> links to missing pages.	disabled
<u>max size</u>	Maximum allowed wiki page size in characters.	262144
<u>render unsafe content</u>	Enable/disable the use of unsafe HTML tags such as <script> or <embed> with the HTML <u>WikiProcessor</u>. For public sites where anonymous users can edit the wiki it is recommended to leave this option	disabled

	disabled.	
safe_origins	List of URIs considered "safe cross-origin", that will be rendered as `img` element without `crossorigin="anonymous"` attribute or used in `url()` of inline style attribute even if `[wiki]` `render_unsafe_content` is `false` (*since 1.0.15*).	`data:`
	To make any origins safe, specify "*" in the list.	
safe_schemes	List of URI schemes considered "safe", that will be rendered as external links even if `[wiki]` `render_unsafe_content` is `false`.	`cvs,file,ftp,git,irc,http,https,news`
split_page_names	Enable/disable splitting the WikiPageNames with space characters.	`disabled`

Reference for special sections

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

[components]

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

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

Consider the following configuration snippet:

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

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

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

See also: TracPlugins

[milestone-groups]

(since 0.11)

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

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

```
closed = closed
# sequence number in the progress bar
closed.order = 0
# optional extra param for the query (two additional columns: created and modified and sort on c
closed.query_args = group=resolution,order=time,col=id,col=summary,col=owner,col=type,col=priori
# 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)

[components]   21

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=$re
```

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