

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 = /usr/share/trac/conf/trac.ini
```

Note that you can also specify a global option file when creating a new project, by adding the option `--inherit=/path/to/global/options` to `trac-admin's` `initenv` command. If 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.

Reference

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]

<code>account_change_notify_addresses</code>	List of email addresses that get notified of user changes, i.e. new user, password change and delete user.	(no default)
<code>allow_delete_account</code>	Allow users to delete their own account.	enabled
<code>auth_base</code>	Launch an external Trac authentication plugin.	enabled
<code>auth_base_cookie_url</code>	URL of the HTTP authentication service.	(no default)
<code>cookie_refresh_pct</code>	Persistent sessions randomly get a new session cookie ID with likelihood in percent per work hour given here (zero equals to never) to decrease vulnerability of long-lasting sessions.	10
<code>db_disconnect_timeout</code>	Timeout to select relevant httpget db entries	(no default)
<code>db_password_hash_type</code>	Default hash type of new/updated passwords	crypt
<code>email_regex</code>	A validation regular expression describing new account emails. Define constraints for a valid email address. A custom system can narrow its width scope i.e. to accept UTF-8 characters.	^[a-z0-9+!#\$%&'*~]{1,64}@([a-z0-9+!#\$%&'*~]{1,64}\.){1,4}[a-z0-9+!#\$%&'*~]{1,64}\$
<code>environ_auth_rewrite</code>	Whether environment variable <code>REMOTE_USER</code> should get overwritten after processing login form input. Otherwise it will only be set, if unset at the time of authentication.	enabled
<code>force_password_change</code>	Force the user to change password when it's next.	enabled
<code>generated_password_length</code>	Length of the randomly-generated passwords created when resetting the password for an account.	8
<code>hash_method</code>	Pluggable hashMethod used to create new/updated passwords	MD5DigestHashMethod
<code>httpget_base_dir</code>	Path relative to Trac environment or full host machine path to password file	(no default)
<code>httpget_base_dir</code>	Path relative to Trac environment or full host machine path to password file	(no default)
<code>httpget_base_dir</code>	Path relative to Trac environment or full host machine path to password file	(no default)
<code>httppassword_base_dir</code>	Default hash type of new/updated passwords	crypt
<code>login_page_list</code>	Set to True, to switch login page style showing alternative actions in a single listing together.	disabled
<code>notify_actions</code>	Comma separated list of actions to notify of. Available actions 'new', 'change', 'delete'.	
<code>password_file</code>	Path to the users file; leave blank to locate the users file by reading <code>environ.conf</code>	(no default)
<code>password_store</code>	Ordered list of password stores, queried in turn.	(no default)
<code>persistent_sessions</code>	Allow the user to be remembered across sessions without needing to re-authenticate. This is, user checks a "Remember Me" checkbox and, next time he visits the site, he'll be remembered.	disabled
<code>refresh_passwd</code>	Re-set passwords on successful authentication. This is most useful to move users to a new password store or enforce new store configuration (i.e. changed hash type), but should be disabled/unset otherwise.	disabled
<code>register_basic_question</code>	A question to ask instead of the standard prompt to which the value of register_basic_store is the answer. Setting to empty string (default value) keeps the standard prompt.	(no default)
<code>register_basic_timeout</code>	A string required as input to pass verification.	(no default)
<code>register_checks</code>	Ordered list of IAccountRegistrationInspector's to use for registration checks.	MailCheck, ShellCheck, BotTrapCheck, RegExpCheck, UsernamePermCheck
<code>require_approval</code>	Whether account registration requires administrative approval to enable the account or not.	disabled
<code>reset_password</code>	Set to False, if there is no email system setup.	enabled
<code>username_char_blacklist</code>	Always excludes some special characters from usernames. This is enforced upon new user registration.	{ }
<code>username_regex</code>	A validation regular expression describing new usernames. Define constraints for allowed user names corresponding to local naming policy.	^[a-zA-Z0-9-_.~]{1,64}\$
<code>verify_email</code>	Verify the email address of Trac users.	enabled

[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 autocomplete	(no default)
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[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_crums	Indicates maximum number of breadcrumbs to store per user.	6
paths	List of URL paths to allow breadcrumb tracking. Globs are supported.	/wiki/, /ticket/, /milestone/

[browser]

color_scale	Enable colorization of the age column. This uses the same color scale as the source code annotation: blue is older, red is newer. (since 0.11)	enabled
downloadable_paths	List of repository paths that can be downloaded. Leave this option empty if you want to disable all downloads, otherwise set it to a comma-separated list of authorized paths (those paths are glob patterns, i.e. "*" can be used as a wild card). In a multi-repository environment, the path must be qualified with the repository name if the path does not point to the default repository (e.g. /reponame/trunk). Note that a simple prefix matching is performed on the paths, so aliases won't get automatically resolved. (since 0.10)	/trunk, /branches*/, /tags/*
hide_properties	Comma-separated list of version control properties to hide from the repository browser. (since 0.9)	svk:merge
intermediate_color	(r,g,b) color triple to use for the color corresponding to the intermediate color, if two linear interpolations are used for the color scale (see intermediate_point). If not set, the intermediate color between oldest_color and newest_color will be used. (since 0.11)	(no default)
intermediate_point	If set to a value between 0 and 1 (exclusive), this will be the point chosen to set the intermediate_color for interpolating the color value. (since 0.11)	(no default)
newest_color	(r,g,b) color triple to use for the color corresponding to the newest color, for the color scale used in blame or the browser age column if color_scale is enabled. (since 0.11)	(255, 136, 136)
oldest_color	(r,g,b) color triple to use for the color corresponding to the oldest color, for the color scale used in blame or the browser age column if color_scale is enabled. (since 0.11)	(136, 136, 255)
onliner_properties	Comma-separated list of version control properties to render as onliner wiki content in the repository browser. (since 0.11)	trac:summary
render_unsafe_content	Whether raw files should be rendered in the browser, or only made downloadable. Pretty much any file may be interpreted as HTML by the browser, which allows a malicious user to create a file containing cross-site scripting attacks. For open repositories where anyone can check-in a file, it is recommended to leave this option disabled (which is the default).	false
wiki_properties	Comma-separated list of version control properties to render as wiki content in the repository browser. (since 0.11)	trac:description

[changeset]

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

[components]

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

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

Consider the following configuration snippet:

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

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

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

See also: [TracPlugins](#)

[discussion]

default_message_display	Default display mode for topic messages list.	tree
default_topic_display	Default display mode for forum topics list.	classic
forum_sort	Column by which will be sorted forum lists. Possible values are: id, group, name, subject, time, moderators, description, topics, replies, lasttopic, lastreply.	lasttopic
forum_sort_direction	Direction of forum lists sorting. Possible values are: asc, desc.	asc
messages_per_page	Number of messages per page in message list.	50
smtp_always_cc	Always send discussion notifications to the listed e-mail addresses.	
title	Main navigation bar button title.	Discussion
topic_sort	Column by which will be sorted topic lists. Possible values are: id, forum, subject, time, author, body, replies, lastreply.	lastreply
topic_sort_direction	Direction of topic lists sorting. Possible values are: asc, desc.	asc
topics_per_page	Number of topics per page in topic list.	30

[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

[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_wikia	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 "helping".	-----
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	-----
sitemappath	Path of sitemap relative to Trac main URL (default: "sitemap.xml"). If this path ends in .gz the sitemap 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 <i>shared htdocs directory</i> . 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 <i>shared plugins directory</i> . 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 <i>shared templates directory</i> . 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: <code>Trac[%(module)s] \$(levelname)s: \$(message)s</code> In addition to regular key names supported by the Python logger library (see ?http://docs.python.org/library/logging.html), one could use: <code>-(path)s</code> the path for the current environment - <code>\$(basename)s</code> the last path component of the current environment - <code>\$(project)s</code> the project name Note the usage of <code>\$(...)s</code> instead of <code>%(...)s</code> as the latter form would be interpreted by the ConfigParser itself. Example: <code>\$(thread)d</code> <code>Trac[\$(basename)s : \$(module)s]</code> <code>\$(levelname)s : \$(message)s</code> (<i>since 0.10.5</i>)	(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]

master_tickets_charset	The format that may be chosen: encode-did-T? for a list of options.	utf-8,utf-16
master_tickets_color	Color of displayed tickets	green
master_tickets_css	Test for key showing opened tickets	color
opt_graph	Path to the dir executable.	opt
opt_graph_color	Show full dir, graph, not just direct linking files	disabled
opt_graph_dir	Direction of the hierarchical graph (D = Top, Down, DT = Down Top, LR = Left Right, RL = Right Left)	TD
opt_graph_dir	Path to the photoeditor executable.	opt
opt_graph_dir_graph	Highlight target tickets in graph	disabled
opt_graph_dir_color	Color of displayed tickets	red
opt_graph_dir_css	Test for key showing opened tickets	color
opt_graph_dir	Show a key for identified tickets	disabled
opt_graph_dir	If enabled, use photoeditor to produce raster images	disabled

[milestone]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(since 0.11)

[mimeviewer]

[notification]

admit_domains	Comma-separated list of domains that should be considered as valid for email addresses (such as localdomain).	(no default)
always_notify_owner	Always send notifications to the ticket owner (since 0.9).	false
always_notify_reporter	Always send notifications to any address in the reporter field.	false
always_notify_updater	Always send notifications to the person who causes the ticket property change and to any previous updater of that ticket.	true
ambiguous_char_width	Which width of ambiguous characters (e.g. 'single' or 'double') should be used in the table of notification mail. If 'single', the same width as characters in US-ASCII. This is expected by most users. If 'double', twice the width of US-ASCII characters. This is expected by CJK users. (since 0.12.2)	single
batch_subject_template	Like ticket_subject_template but for batch modifications. By default, the template is \$prefix Batch modify: \$tickets_descr. (since 1.0)	\$prefix Batch modify: \$tickets_descr
email_sender	Name of the component implementing IEmailSender. This component is used by the notification system to send emails. Trac currently provides SmtplibEmailSender for connecting to an SMTP server, and SendmailEmailSender for running a sendmail-compatible executable. (since 0.12)	SmtplibEmailSender
ignore_domains	Comma-separated list of domains that should not be considered part of email addresses (for usernames with Kerberos domains).	(no default)
mime_encoding	Specifies the MIME encoding scheme for emails. Valid options are 'base64' for Base64 encoding, 'qp' for Quoted-Printable, and 'none' for no encoding, in which case mails will be sent as 7bit if the content is all ASCII, or 8bit otherwise. (since 0.10)	none
sendmail_path	Path to the sendmail executable. The sendmail program must accept the -i and -f options. (since 0.12)	sendmail
smtp_always_bcc	Email address(es) to always send notifications to, addresses do not appear publicly (Bcc ☹️). (since 0.10)	(no default)
smtp_always_cc	Email address(es) to always send notifications to, addresses can be seen by all recipients (Cc ☺️).	(no default)
smtp_default_domain	Default host/domain to append to address that do not specify one.	(no default)
smtp_enabled	Enable email notification.	false
smtp_from	Sender address to use in notification emails.	trac@localhost
smtp_from_author	Use the action author as the sender of notification emails. (since 1.0)	false
smtp_from_name	Sender name to use in notification emails.	(no default)
smtp_password	Password for SMTP server. (since 0.9)	(no default)
smtp_port	SMTP server port to use for email notification.	25
smtp_replyto	Reply-To address to use in notification emails.	trac@localhost
smtp_server	SMTP server hostname to use for email notifications.	localhost
smtp_subject_prefix	Text to prepend to subject line of notification emails. If the setting is not defined, then the [\$project_name] prefix. If no prefix is desired, then specifying an empty option will disable it. (since 0.10.1)	__default__
smtp_user	Username for SMTP server. (since 0.9)	(no default)
ticket_subject_template	A Genshi text template snippet used to get the notification subject. By default, the subject template is \$prefix #ticket.id: \$summary. \$prefix being the value of the smtp_subject_prefix option. (since 0.11)	\$prefix #ticket.id: \$summary
use_public_cc	Recipients can see email addresses of other CC'ed recipients. If this option is disabled (the default), recipients are put on BCC. (since 0.10)	false
use_short_addr	Permit email address without a host/domain (i.e. username only). The SMTP server should accept those addresses, and either append a FQDN or use local delivery. (since 0.10)	false
use_tls	Use SSL/TLS to send notifications over SMTP. (since 0.10)	false

[piwik]

piwik_admin_logging	Disabling this option will prevent all logged in admins from showing up on your Google Analytics reports.	disabled
piwik_authenticated_logging	Disabling this option will prevent all authenticated users from showing up on your Google Analytics reports.	enabled
piwik_baseurl	The base url of your Piwik installation. You can find it in the <code>pkBaseUrl</code> variable in the Javascript snippet from Piwik.	(no default)
piwik_extensions	Enter any extensions of files you would like to be tracked as a download. For example to track all MP3s and PDFs enter: mp3 pdf	
piwik_siteid	Piwik's Site ID.	(no default)

[project]

admin	E-Mail address of the project's administrator.	(no default)
admin_trac_url	Base URL of a Trac instance where errors in this Trac should be reported. This can be an absolute or relative URL, or '.' to reference this Trac instance. An empty value will disable the reporting buttons. (<i>since 0.11.3</i>)	.
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 <code>base_url</code> resides. This is used in notification e-mails.	(no default)

[query]

default_anonymous_query	The default query for anonymous users. The query is either in query language syntax, or a URL query string starting with ? as used in query: Trac links . (<i>since 0.11.2</i>)	status!=closed&cc~=\$USER
default_query	The default query for authenticated users. The query is either in query language syntax, or a URL query string starting with ? as used in query: Trac links . (<i>since 0.11.2</i>)	status!=closed&owner=\$USER
items_per_page	Number of tickets displayed per page in ticket queries, by default (<i>since 0.11</i>)	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 . (<i>since 0.12</i>)	?status!=closed

[quiet]

enter_label		Enter Quiet Mode
leave_label		Leave Quiet Mode

[report]

items_per_page	Number of tickets displayed per page in ticket reports, by default (<i>since 0.11</i>)	100
items_per_page_rss	Number of tickets displayed in the rss feeds for reports (<i>since 0.11</i>)	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 . (<i>since 0.11</i>)	100
graph_colors	Comma-separated list of colors to use for the TracRevisionLog graph display. (<i>since 1.0</i>)	#cc0,#0c0,#0cc,#00c,#c0c,#c00

[roadmap]

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

[screenshots]

additional_tags	Additional tags that will be created for submitted screenshots. Possible values are: author, components, versions, name, description.	author,components,versions,name
default_components	List of components enabled by default.	all
default_description	Template for embended image description.	<code>\$description</code>
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 <code>[[ScreenshotsList()]]</code> macro.	<code>\$id - \$name - \$description</code>
default_order_directions	List of ordering directions for fields specified in <code>default_orders</code> 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.	<code>../screenshots</code>

[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 <code>ISearchSource</code> interface, in the <code>get_search_filters()</code> 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

[simplticket]

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.

[sqlite]

extensions	Paths to sqlite extensions, relative to Trac environment's directory or absolute. (<i>since 0.12</i>)	(no default)
------------	---	--------------

[svn]

branches	Comma separated list of paths categorized as branches. If a path ends with "*", then all the directory entries found below that path will be included. Example: /trunk, /branches/*, /projectAlpha/trunk, /sandbox/*	trunk, branches/*
eol_style	End-of-Line character sequences when svn:eol-style property is native. If native (the default), substitute with the native EOL marker on the server. Otherwise, if LF, CRLF or CR, substitute with the specified EOL marker. (<i>since 1.0.2</i>)	native
repository_url	base URL of svn repository	(no default)
tags	Comma separated list of paths categorized as tags. If a path ends with "*", then all the directory entries found below that path will be included. Example: /tags/*, /projectAlpha/tags/A-1.0, /projectAlpha/tags/A-v1.1	tags/*

[svn:externals]

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

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

Example:

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

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

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

Finally, the relative URLs introduced in [?Subversion 1.5](#) are not yet supported.

(*since 0.11*)

[tags]

[ticket]

commit_ticket_update_check_perms	Check that the committer has permission to perform the requested operations on the referenced tickets. This requires that the user names be the same for Trac and repository operations.	true
commit_ticket_update_commands.close	Commands that close tickets, as a space-separated list.	close closed closes fix fixed fixes
commit_ticket_update_commands.refs	Commands that add a reference, as a space-separated list. If set to the special value <ALL>, all tickets referenced by the message will get a reference to the changeset.	addresses re references refs see
commit_ticket_update_envelope	Require commands to be enclosed in an envelope. Must be empty or contain two characters. For example, if set to "[]", then commands must be in the form of [closes #4].	(no default)
commit_ticket_update_notify	Send ticket change notification when updating a ticket.	true
default_cc	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 (<i>since 0.11</i>).	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 (<i>since 0.9</i>).	defect
default_version	Default version for newly created tickets.	(no default)
max_comment_size	Maximum allowed comment size in characters. (<i>since 0.11.2</i>).	262144
max_description_size	Maximum allowed description size in characters. (<i>since 0.11</i>).	262144
max_summary_size	Maximum allowed summary size in characters. (<i>since 1.0.2</i>).	262144
pending_removal_status	Status to apply when removing 'Pending' status automatically.	new
preserve_newlines	Whether Wiki formatter should respect the new lines present in the Wiki text. If set to 'default', this is equivalent to 'yes' for new environments but keeps the old behavior for upgraded environments (i.e. 'no'). (<i>since 0.11</i>).	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. (<i>since 0.9</i>)	false
workflow	Ordered list of workflow controllers to use for ticket actions (<i>since 0.11</i>).	ConfigurableTicketWorkflow

[ticket-custom]

In this section, you can define additional fields for tickets. See [TracTicketsCustomFields](#) for more details.

[ticket-workflow]

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

(since 0.11)

[ticketmoderator]

<code>default_moderator</code>	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)
<code>ignore_smtp_always</code>	If true (default) email sent to the ticket moderator will not be sent to the <code>smtp_always_cc</code> or <code>smtp_always_bcc</code> addresses (since 0.5).	enabled
<code>moderation_notice</code>	Notice displayed to users who will be subject to moderation when creating or editing tickets (since 0.6.4).	<code>\$submission_type</code> you submit will be routed for moderation. <code>\$login_request</code>
<code>review_promise</code>	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.
<code>show_moderator_email</code>	Publish the assigned Moderator's e-mail address as part of the response to the submitter (since 0.2).	disabled
<code>subject_template</code>	A Genshi text template snippet used to get the notification subject (since 0.2).	<code>\$prefix [Moderate] \${new and 'New Ticket' or 'Comment'}: \$summary</code>
<code>unmoderated_attachments</code>	Allow users requiring moderation to submit ticket attachments without moderation (since 0.3; deprecated in 0.4, use <code>MODERATOR_PASS_ATTACH</code> permission).	disabled

[timeline]

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

[trac]

auth_cookie_lifetime	Lifetime of the authentication cookie, in seconds. This value determines how long the browser will cache authentication information, and therefore, after how much inactivity a user will have to log in again. The default value of 0 makes the cookie expire at the end of the browsing session. (since 0.12)	0
auth_cookie_path	Path for the authentication cookies. Set this to the common base path of several Trac instances if you want them to share the cookies. (since 0.12)	(no default)
auth_file	The path to the Subversion authn_plugin file. To enable authn_plugin permission checking, the <code>AuthSourcePolicy</code> permission policy must be added to <code>trac/permissions</code> . (since 0.12)	(no default)
auth_prefix_name	The module prefix used in the <code>authn_file</code> for the default repository, that empty, the global section is used.	(no default)
auth_preview_timeout	Inactivity timeout in seconds after which the automatic web preview stops an update. This option can contain floating-point values. The lower the setting, the more requests will be made to the server. Set this to 0 to disable automatic preview. The default is 2.0 seconds. (since 0.12)	2.0
auth_reload	Automatically reload template files after modification.	disabled
backup_dir	Database backup location.	db
base_url	Reference URL for the Trac deployment. This is the base URL that will be used when processing 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 default)
check_auth_ip	Whether the IP address of the user should be checked for authentication. (since 0.9)	false
database	Database connection string for this project.	sqlite://db/trac.db
debug_sql	Show the SQL queries in the Trac log, at DEBUG level. (since 0.11.0)	disabled
default_charset	The default character set.	utf-8
default_data_format	The data format. Valid options are <code>iso88591</code> for selecting ISO 8859-1 format, or leave it empty which means the default data format will be inferred from the browser's default language. (since 1.0)	(no default)
default_datetime_format	The data information format. Valid options are 'relative' for displaying relative format and 'absolute' for displaying absolute format. (since 1.0)	relative
default_handler	Name of the component that handles requests to the base URL. Options include <code>TracWikiModule</code> , <code>TracAdminModule</code> , <code>TracDiffModule</code> , <code>TracBrowserModule</code> , <code>TracQueryModule</code> , <code>TracReportModule</code> , <code>TracSearchModule</code> and <code>TracTicketModule</code> . The default is <code>TracWikiModule</code> . (since 0.8)	WikiModule
default_language	The preferred language to use if no user preference has been set. (since 0.12.1)	(no default)
default_timezone	The default timezone to use.	(no default)
email_auth_size	The maximum number of templates that the template loader will cache in memory. The default value is 128. You may want to choose a higher value if your site uses a larger number of templates, and you have enough memory to spare, or you can reduce it if you are short on memory.	128
htdocs_location	Base URL for serving the core static resources (files, <code>css</code> and <code>img</code>). It can be left empty, and Trac will simply serve those resources from the web server. Note however that this only applies to the <code></code> and <code><css src></code> attributes. If you serve the static resources for Trac directly from the web server, then however that this only applies to the <code></code> and <code><css src></code> attributes. Those from plugins will not be made available this way and additional rewrite rules will be needed in the web server.	(no default)
ignore_auth_case	Whether login names should be converted to lower case. (since 0.9)	false
jquery_location	Location of the jQuery library. (since 1.0) If empty, use <code>base_url</code> from the <code>trac/htdocs</code> with <code>jQuery</code> as a subdirectory. (since 1.0) If empty, use <code>base_url</code> from the <code>trac/htdocs</code> with <code>jQuery</code> as a subdirectory. (since 1.0) If empty, use <code>base_url</code> from the <code>trac/htdocs</code> with <code>jQuery</code> as a subdirectory. (since 1.0)	(no default)
jquery_ui_location	Location of the jQuery UI library. (since 1.0) If empty, use <code>base_url</code> from the <code>trac/htdocs</code> with <code>jQueryUI</code> as a subdirectory. (since 1.0) If empty, use <code>base_url</code> from the <code>trac/htdocs</code> with <code>jQueryUI</code> as a subdirectory. (since 1.0)	(no default)
jquery_ui_theme_location	Location of the jQuery UI theme. (since 1.0) If empty, use <code>base_url</code> from the <code>trac/htdocs</code> with <code>jQueryUITheme</code> as a subdirectory. (since 1.0) If empty, use <code>base_url</code> from the <code>trac/htdocs</code> with <code>jQueryUITheme</code> as a subdirectory. (since 1.0)	(no default)
mainnav	Order of the items to display in the main navigation bar, listed by IDs. See also TracNavigation .	wiki, timeline, roadmap, browser, tickets, attachments, search
setnav	Order of the items to display in the set navigation bar, listed by IDs. See also TracNavigation .	login, logout, prefs, help, about
sqlite_dump_path	Location of <code>sqlite3dump</code> for MySQL database backups.	sqlite3dump
server_deference_mailto	Never obfuscate mailto links explicitly written in the web content. (since 0.11.0) Mail addresses or files or the user has not the EMAIL_VIEW permission. (since 0.11.0)	false
permissions_policy	List of components implementing <code>IPermissionPolicy</code> , in the order in which they will be applied. These components manage fine-grained access control to Trac resources. Default is the <code>DefaultPermissionPolicy</code> (see <code>trac/permissions</code>) and <code>LegacyAttachmentPolicy</code> (see <code>ATTACHMENT_PERMISSIONS</code> to learn specific ones).	DefaultPermissionPolicy, LegacyAttachmentPolicy
permission_store	Name of the component implementing <code>IPermissionStore</code> , which is used for managing user and group permissions.	DefaultPermissionStore
pg_dump_path	Location of <code>pg_dump</code> for PostgreSQL database backups.	pg_dump
repository_dir	Path to the default repository. This can also be a relative path. (since 0.11.0) This option is deprecated, and repositories should be defined in the <code>repositories</code> section, or using the "Repositories" admin panel. (since 0.12)	(no default)
repository_sync_get_request	List of repositories that should be synchronized on every page request. Leave this option empty if you have set up post-commit hooks calling <code>trac-admin sync</code> (see <code>trac-admin sync</code> for more information). Otherwise, set it to a comma-separated list of repository names. Note that this will negatively affect performance, and will prevent changeset listeners from receiving events from the repositories specified here. The default is to synchronize the default repository, for backward compatibility. (since 0.12)	(default)
repository_type	Default repository connector type. (since 0.10) This is also used as the default repository type for repositories defined in <code>trac/permissions</code> or using the "Repositories" admin panel. (since 0.12)	svn
request_filters	Ordered list of filters to apply to all requests. (since 0.10)	(no default)
readonly_sentry	Make <code><script></code> tags readable. Requires <code>handlers</code> . (since 0.12)	true
secure_cookies	Restrict cookies to HTTPS connections. When true, the <code>secure</code> flag on all cookies so that they are only sent to the server on HTTPS connections. Use this if your Trac instance is only accessible through HTTPS. (since 0.11.0)	disabled
show_email_addresses	Show email addresses instead of usernames, if false, we obfuscate email addresses. (since 0.11.0)	false
show_ip_addresses	Show IP addresses for resource edit (e.g. wiki). (since 0.11.0)	false
timeout	Timeout value for database connection, in seconds. Use 0 to specify no timeout. (since 0.11.0)	20
use_base_url_for_redirect	Optionally use <code>trac:base_url</code> for redirects. In some configurations, actually resolving redirects behind a HTTP proxy, Trac can't automatically determine the URL that needs to be accessed. You may need to use this option to force Trac to use the <code>base_url</code> setting also for redirects. This reproduces the obvious limitation that this environment will only be usable when accessible from that URL, as redirects are frequently used. (since 0.10.0)	disabled
use_sendfile	When true, send <code>X-SendFile</code> header and no content when sending files from the Repository, so that the web server handles the content. This requires a web server that knows how to handle such a header, like Apache with <code>mod_sendfile</code> or lighttpd. (since 1.0)	false
wiki_toolbar	Add a simple toolbar at top of Wiki readaction. (since 1.0.2)	true

[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. (<i>since 0.12.1</i>)	(no default)
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[vote]

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

ignore_missing_pages	Enable/disable highlighting CamelCase links to missing pages (<i>since 0.9</i>).	false
max_size	Maximum allowed wiki page size in characters. (<i>since 0.11.2</i>)	262144
render_unsafe_content	Enable/disable the use of unsafe HTML tags such as <code><script></code> or <code><embed></code> with the HTML WikiProcessor (<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).	false
safe_schemes	List of URI schemes considered "safe", that will be rendered as external links even if <code>[wiki]render_unsafe_content</code> is false. (<i>since 0.11.8</i>)	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 (<i>since 0.10</i>).	false

[wikiprint]

article_css_url		(no default)
book_css_url		(no default)
css_url		(no default)
extraccontent_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

[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](#)

[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.

[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)
group=resolution,order=time,col=id,col=summary,col=owner,col=type,col=priority,col=component,col=severity,col=time,col=cha
# 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>
```

[svn:externals]

(since 0.11)

The [TracBrowser](#) for Subversion can interpret the `svn:externals` property of folders out of the box. However, if those externals are *not* using the `http:` or `https:` protocol, or if a link to a different repository browser such as another Trac or [?ViewVC](#) is desired, then Trac needs to be able to map an external prefix to this other URL.

This mapping is done in the `[svn:externals]` section of the [Traclni](#)

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.

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