

# The Trac Configuration File

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

## Global Configuration

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

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

## Reference

This is a brief reference of available configuration options.

### [account-manager]

```
authentication_url
password_file
htdigest_realm
```

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

`password_store`

`hash_method`

`password_format`

## [attachment]

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

`render_unsafe_content` Whether attachments should be rendered in the browser, or only made downloadable. Pretty much any file may be interpreted as HTML by the browser, which allows a malicious user to attach a file containing cross-site scripting attacks. For public sites where anonymous users can create attachments, it is recommended to leave this option disabled (which is the default).

## [browser]

`render_unsafe_content` Whether attachments should be rendered in the browser, or only made downloadable. Pretty much any file may be interpreted as HTML by the browser, which allows a malicious user to attach a file containing cross-site scripting attacks. For public sites where anonymous users can create attachments it is recommended to leave this option disabled (which is the default).

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

`downloadable_paths` List of repository paths that can be downloaded. Leave the option empty if you want to disable all downloads, otherwise set it to a comma-separated list of authorized paths (those paths are glob patterns, i.e. "\*" can be used as a wild card) (*since 0.10*)

## [changeset]

`wiki_format_messages` Whether wiki formatting should be applied to changeset messages. If this option is disabled, changeset messages will be rendered as pre-formatted text.

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

`max_diff_bytes` Maximum total size in bytes of the modified files (their old size plus their new size) for which the changeset view will attempt to show the diffs inlined (*since 0.10*).

## [header\_logo]

`width` Width of the header logo image in pixels.

`height` Height of the header logo image in pixels.

`alt` Alternative text for the header logo.

`src` URL of the image to use as header logo.

`link` URL to link to from header logo.

## [httpauth]

`paths` Paths to force HTTP authentication on.  
`formats` Request formats to force HTTP authentication on

## [logging]

`log_level` Level of verbosity in log. Should be one of (CRITICAL, ERROR, WARN, INFO, DEBUG).  
`log_file` If `log_type` is `file`, this should be a path to the log-file.  
`log_type` Logging facility to use. Should be one of (none, file, stderr, syslog, winlog).

## [mimeviewer]

`php_path` Path to the PHP executable (*since 0.9*).  
`silvercity_modes` List of additional MIME types known by [SilverCity?](#). For each, a tuple `mimetype:mode:quality` has to be specified, where `mimetype` is the MIME type, `mode` is the corresponding [SilverCity?](#) 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 [SilverCity?](#) render, which is 3 (*since 0.10*).  
`tab_width` Displayed tab width in file preview (*since 0.9*).  
`max_preview_size` Maximum file size for HTML preview. (*since 0.9*).  
`enscript_modes` List of additional MIME types known by Enscript. For each, a tuple `mimetype:mode:quality` has to be specified, where `mimetype` is the MIME type, `mode` is the corresponding Enscript mode to be used for the conversion and `quality` is the quality ratio associated to this conversion. That can also be used to override the default quality ratio used by the Enscript render, which is 2 (*since 0.10*).  
`mime_map` List of additional MIME types and keyword mappings. Mappings are comma-separated, and for each MIME type, there's a colon (":") separated list of associated keywords or file extensions. (*since 0.10*).  
`enscript_path` Path to the Enscript executable.

## [notification]

`smtp_always_bcc` Email address(es) to always send notifications to, addresses do not appear publicly (Bcc:). (*since 0.10*).  
`smtp_server` SMTP server hostname to use for email notifications.  
`always_notify_updater` Always send notifications to the person who causes the ticket property change.  
`smtp_user` Username for SMTP server. (*since 0.9*).  
`always_notify_owner` Always send notifications to the ticket owner (*since 0.9*).  
`smtp_subject_prefix` Text to prepend to subject line of notification emails. If the setting is not defined, then the [`$project_name`] prefix. If no prefix is desired, then specifying an empty option will disable it. (*since 0.10.1*).  
`smtp_replyto` Reply-To address to use in notification emails.  
`smtp_port` SMTP server port to use for email notification.  
`smtp_from` Sender address to use in notification emails.

<code>use_tls</code>	Use SSL/TLS to send notifications ( <i>since 0.10</i> ).
<code>smtp_default_domain</code>	Default host/domain to append to address that do not specify one
<code>always_notify_reporter</code>	Always send notifications to any address in the <i>reporter</i> field.
<code>smtp_enabled</code>	Enable SMTP (email) notification.
<code>mime_encoding</code>	Specifies the MIME encoding scheme for emails. Valid options are 'base64' for Base64 encoding, 'qp' for Quoted-Printable, and 'none' for no encoding. Note that the no encoding means that non-ASCII characters in text are going to cause problems with notifications ( <i>since 0.10</i> ).
<code>smtp_always_cc</code>	Email address(es) to always send notifications to, addresses can be seen by all recipients (Cc:).
<code>smtp_password</code>	Password for SMTP server. ( <i>since 0.9</i> ).
<code>use_public_cc</code>	Recipients can see email addresses of other CC'ed recipients. If this option is disabled (the default), recipients are put on BCC ( <i>since 0.10</i> ).
<code>use_short_addr</code>	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 ( <i>since 0.10</i> ).

## [project]

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

## [search]

<code>min_query_length</code>	Minimum length of query string allowed when performing a search.
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## [ticket]

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

## [timeline]

<code>changeset_long_messages</code>	Whether wiki-formatted changeset messages should be multiline or not. If this option is not specified or is false and <code>wiki_format_messages</code> is set to true, changeset messages will be single line only, losing some formatting (bullet points, etc).
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## [notification]

default\_daysback Default number of days displayed in the Timeline, in days. (*since 0.9*.)  
 ticket\_show\_details Enable the display of all ticket changes in the timeline (*since 0.9*).  
 changeset\_show\_files Number of files to show (-1 for unlimited, 0 to disable).

## [trac]

authz\_file Path to Subversion authorization (authz) file  
 check\_auth\_ip Whether the IP address of the user should be checked for authentication (*since 0.9*).  
 database Database connection string for this project  
 ignore\_auth\_case Whether case should be ignored for login names (*since 0.9*).  
 metanav List of items IDs to display in the navigation bar metanav.  
 base\_url Base URL of the Trac deployment. In most configurations, Trac will automatically reconstruct the URL that is used to access it automatically. However, in more complex setups, usually involving running Trac behind a HTTP proxy, you may need to use this option to force Trac to use the correct URL.  
 default\_charset Charset to be used when in doubt.  
 default\_handler Name of the component that handles requests to the base URL. Options include TimelineModule, RoadmapModule, BrowserModule, QueryModule, ReportModule and NewticketModule (*since 0.9*).  
 htdocs\_location Base URL of the core static resources.  
 permission\_store Name of the component implementing IPermissionStore, which is used for managing user and group permissions.  
 templates\_dir Path to the ClearSilver templates.  
 repository\_dir Path to local repository  
 repository\_type Repository connector type. (*since 0.10*)  
 request\_filters Ordered list of filters to apply to all requests (*since 0.10*).  
 timeout Timeout value for database connection, in seconds. Use '0' to specify *no timeout*. (*Since 0.11*)  
 mainnav List of item IDs to display in the navigation bar mainnav.  
 authz\_module\_name The module prefix used in the authz\_file.

## [wiki]

ignore\_missing\_pages Enable/disable highlighting CamelCase links to missing pages (*since 0.9*).  
 split\_page\_names Enable/disable splitting the WikiPageNames with space characters (*since 0.10*).

## [wiki-notification]

banned\_addresses A comma separated list of email addresses that should never be sent a notification email.  
 attach\_diff Send diff's as an attachment instead of inline in email body.  
 redirect\_time The default seconds a redirect should take when watching/un-watching a wiki page  
 smtp\_from Sender address to use in notification emails.  
 subject\_template A Genshi text template snippet used to get the notification subject.  
 smtp\_always\_cc Comma separated list of email address(es) to always send notifications to. Addresses can be seen by all recipients (Cc:).

## [timeline]

<code>use_public_cc</code>	Recipients can see email addresses of other CC'ed recipients. If this option is disabled (the default), recipients are put on BCC. (values: 1, on, enabled, true or 0, off, disabled, false)
<code>from_name</code>	Sender name to use in notification emails. Defaults to project name.
<code>smtp_always_bcc</code>	Comma separated list of email address(es) to always send notifications to. Addresses do not appear publicly (Bcc:).

## [components]

(since 0.9)

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

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

Consider the following configuration snippet:

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

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

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

See also: [TracPlugins](#)

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

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