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# The Trac Configuration File

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.

**Note: since 0.10, the TracIni reference is auto-generated from the source code, using the TracIniMacro?. But in this page, we will keep the old wiki content, so that documentation fixes could be easily contributed by the community, as before.**

### [trac]

<code>base_url</code>	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.
<code>database</code>	Database connection string for this project
<code>default_charset</code>	Charset used in text files in the subversion repository (default is <code>iso-8859-15</code> )
<code>default_handler</code>	Name of the component that handles requests to the base URL (default is <code>WikiModule</code> . Some other options are <code>TimelineModule</code> , <code>RoadmapModule</code> , <code>BrowserModule</code> , <code>QueryModule</code> , <code>ReportModule</code> and <code>NewticketModule</code> ) ( <i>since 0.9</i> )
<code>repository_dir</code>	Path to local Subversion repository
<code>authz_file</code>	Path to Subversion authorization ( <code>authz</code> ) file.
<code>authz_module_name</code>	The module prefix used in the <code>authz_file</code> (See <code>FineGrainedPermissions</code> )
<code>check_auth_ip</code>	Whether the IP address of the user should be checked for authentication (true, false) ( <i>since 0.9</i> )
<code>ignore_auth_case</code>	Whether case should be ignored for login names (true, false) ( <i>since 0.9</i> )
<code>templates_dir</code>	Path to the ClearSilver templates
<code>htdocs_location</code>	Path to the static resources (default is <code>/trac</code> )
<code>permissions_store</code>	
<code>metanav</code>	The order of the sections displayed in the meta nav bar, adding or removing section in this list is done with trac's permission system
<code>mainnav</code>	The order of the sections displayed in the main nav bar

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## [diff]

tab_width	<i>deprecated since 0.9 in favor of the tab_width option in the [mimeviewer] section</i>
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## [project]

name	Project name
descr	Short project description
url	URL to the main project website
icon	URL to icon file to use as shortcut icon (favicon)
footer	Page footer text (right-aligned)

## [header\_logo]

src	URL to image to use as header logo
link	Destination URL to link to from header logo
alt	<i>alt</i> text for header logo
width	Header logo width in pixels
height	Header logo height in pixels

See also: [TracInterfaceCustomization](#).

## [logging]

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

See also: [TracLogging](#)

## [attachment]

max_size	Maximum allowed file size for ticket and wiki attachments
render_unsafe_content	Whether non-binary attachments should be rendered in the browser, or only made downloadable. Pretty much any text 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 off (which is the default).

## [notification]

smtp_enabled	Enable SMTP (email) notification (true, false)
smtp_server	SMTP server hostname to use for email notifications (default: localhost)
smtp_port	SMTP server port to use for email notifications (default: 25)
smtp_user	Username for SMTP server ( <i>since 0.9</i> )
smtp_password	Password for SMTP server ( <i>since 0.9</i> )
smtp_from	Sender address to use in notification emails
smtp_replyto	Reply-To address to use in notification emails
smtp_default_domain	Append the specified domain to addresses that do not contain one ( <i>since 0.10</i> )

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smtp_always_cc	Email address(es) to always send notifications to
smtp_always_bcc	Email address(es) to always send notifications to, but keep addresses not visible from other recipients ( <i>since 0.10</i> )
use_public_cc	Recipients can see email addresses of other CC'ed recipients ( <i>since 0.10</i> )
use_short_addr	Send username/login as is to the SMTP server ( <i>since 0.10</i> )
always_notify_reporter	Always send notifications to any address in the <i>reporter</i> field
always_notify_owner	Always send notifications to the ticket owner ( <i>since 0.9</i> )
always_notify_updater	The updater of a ticket receives a notification of his own changes ( <i>since 0.10</i> )
mime_encoding	Specify the MIME encoding scheme for emails ( <i>since 0.10</i> )

See also: TracNotification

## [mimeviewer]

enscript_path	Path to the Enscript program
php_path	Path to the PHP program
max_preview_size	Maximum file size for HTML preview ( <i>since 0.9</i> )
tab_width	Displayed tab width in file preview ( <i>since 0.9</i> )

## [ticket]

default_version	Default version for newly created tickets
default_severity	Default severity for newly created tickets
default_priority	Default priority for newly created tickets
default_milestone	Default milestone for newly created tickets
default_component	Default component for newly created tickets
default_type	Default type for newly created tickets
restrict_owner	Make the owner field of tickets use a drop-down menu ( <i>since 0.9</i> ). See AssignToAsDropDownList

## [ticket-custom]

Creates user-defined ticket fields.

## [timeline]

default_daysback	Default "depth" of the Timeline, in days ( <i>since 0.9</i> )
changeset_show_files	Number of files to show (-1 for unlimited, 0 to disable)
ticket_show_details	Enable the display of all ticket changes in the timeline ( <i>since 0.9?</i> )

## [browser]

hide_properties	List of subversion properties to hide from the repository browser ( <i>since 0.9</i> )
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## [wiki]

ignore_missing_pages	enable/disable highlighting CamelCase links to missing pages ( <i>since 0.9</i> )
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## [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. To get a list of active components for your installation, see the *Plugins* page on *About Trac* (requires `CONFIG_VIEW` permissions.)

See also: [TracPlugins](#)

## [changeset]

(since 0.10)

<code>max_diff_bytes</code>	A limit for the sum of the size of all old <i>and</i> new files involved in a changeset. Note that when requesting a diff precisely on a very big file (e.g. by the use of the <i>Last Change</i> link), the size limit will <i>not</i> be taken into account and the diffs will always be computed.
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See also: [TracGuide](#), [TracAdmin](#), [TracEnvironment](#)