

# The Trac Configuration File

*[Note To Editors] Please discuss documentation changes in the [#Discussion](#) section. Even better, send us documentation patches? against the code (i.e. where the configuration entries are documented), either on Trac-dev or on new tickets.*

## Error: Macro TracGuideToc(None) failed

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

1. 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`. 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 and its parent directory 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 `trac-admin`'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 `[inherit]` 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.

Note that the templates found in the `templates/` directory of the [TracEnvironment](#) have precedence over those found in `[inherit]` `templates_dir`. In turn, the latter have precedence over the installed templates, so be careful

about what you put there, notably if you override a default template be sure to refresh your modifications when you upgrade to a new version of Trac (the preferred way to perform [TracInterfaceCustomization](#) being still to write a custom plugin doing an appropriate `ITemplateStreamFilter` transformation).

## Reference for settings

This is a brief reference of available configuration options, and their default settings.

### [attachment]

|                                    |   |         |
|------------------------------------|---|---------|
| <code>max_size</code>              | Maximum allowed file size (in bytes) for ticket and wiki attachments.   | 262144  |
| <code>max_zip_size</code>          | Maximum allowed total size (in bytes) for an attachment list to be downloadable as a <code>.zip</code> . Set this to -1 to disable download as <code>.zip</code> . ( <i>since 1.0</i> )   | 2097152 |
| <code>render_unsafe_content</code> | 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   |

### [browser]

|                                 |  |   |
|---------------------------------|--|---|
| <code>color_scale</code>        | Enable colorization of the <i>age</i> column. This uses the same color scale as the source code annotation: blue is older, red is newer. ( <i>since 0.11</i> )   | true  |
| <code>downloadable_paths</code> | 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. <code>/reponame/trunk</code> ). Note that a simple prefix matching is performed on the paths, so aliases won't get automatically resolved. ( <i>since 0.10</i> ) | <code>/trunk,</code><br><code>/branches/*,</code><br><code>/tags/*</code> |
| <code>hide_properties</code>    | Comma-separated list of version control properties to hide from the repository browser. ( <i>since 0.9</i> )   | <code>svk:merge</code>  |
| <code>intermediate_color</code> | (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 <code>intermediate_point</code> ). If not set, the intermediate color between <code>oldest_color</code> and <code>newest_color</code> will be used. ( <i>since 0.11</i> )  | (no default)  |
| <code>intermediate_point</code> | If set to a value between 0 and 1 (exclusive), this will be the point chosen to set the <code>intermediate_color</code> for interpolating the color value. ( <i>since 0.11</i> )   | (no default)  |
| <code>newest_color</code>       | (r,g,b) color triple to use for the color corresponding to the newest color, for the color scale used in <i>blame</i> or the browser <i>age</i> column if <code>color_scale</code> is enabled. ( <i>since 0.11</i> )   | (255, 136, 136)   |
| <code>oldest_color</code>       |  | (136, 136, 255)   |

|                                    |   |                               |
|------------------------------------|---|-------------------------------|
|                                    | (r,g,b) color triple to use for the color corresponding to the oldest color, for the color scale used in <i>blame</i> or the browser <i>age</i> column if <code>color_scale</code> is enabled. ( <i>since 0.11</i> )  |                               |
| <code>oneliner_properties</code>   | Comma-separated list of version control properties to render as oneliner wiki content in the repository browser. ( <i>since 0.11</i> )  | <code>trac:summary</code>     |
| <code>render_unsafe_content</code> | 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). | <code>false</code>            |
| <code>wiki_properties</code>       | Comma-separated list of version control properties to render as wiki content in the repository browser. ( <i>since 0.11</i> )   | <code>trac:description</code> |

## [changeset]

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

## [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](#)

## [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) |
|------------------|---|--------------|

## [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   |

## [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. ( <i>since 1.0</i> ) | (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 <code>plugins</code> , with this one taking precedence. ( <i>since 0.11</i> )  | (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 <code>templates</code> directory, but the latter take precedence. ( <i>since 0.11</i> )  | (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 20.10 (?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 `true` 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 <code>log_type</code> is <code>file</code> , this should be a path to the log-file. Relative paths are resolved relative to the <code>log</code> 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 <a href="http://docs.python.org/library/logging.html">http://docs.python.org/library/logging.html</a> ), 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>\$(...)</code> instead of <code>%(...)</code> as the latter form would be interpreted by the <code>ConfigParser</code> itself. Example:<br><code>\$(thread)d) Trac[\$(basename)s:\$(module)s] \$(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         |

#### [milestone]

|                |  |                                 |
|----------------|--|---------------------------------|
| stats_provider | Name of the component implementing <code>ITicketGroupStatsProvider</code> , 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.

(since 0.11)

#### [mimeviewer]

|                   |  |  |
|-------------------|--|--|
| max_preview_size  | Maximum file size for HTML preview.<br>(since 0.9)   | 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. (since 0.10) | text/x-dylan:dylan, text/x-idl:ice, text/x-ada:ads:adb |
| mime_map_patterns |  | text/plain:README INSTALL COPYING.*                    |

#### [milestone-groups]

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)

|                 |   |   |
|-----------------|---|---|
| tab_width       | Displayed tab width in file preview.<br>(since 0.9)   | 8   |
| treat_as_binary | Comma-separated list of MIME types that should be treated as binary data.<br>(since 0.11.5) | application/octet-stream, application/pdf, application/postscript, application/msword, application/rtf, |

## [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 <i>reporter</i> 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    |   | (no default)                           |

|                         |  |                                      |
|-------------------------|--|--------------------------------------|
|                         | Default host/domain to append to address that do not specify one.  |                                      |
| 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. ( <i>since 1.0</i> )   | false                                |
| smtp_from_name          | Sender name to use in notification emails.   | (no default)                         |
| smtp_password           | Password for SMTP server. ( <i>since 0.9</i> )   | (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. ( <i>since 0.10.1</i> ) | ___default___                        |
| smtp_user               | Username for SMTP server. ( <i>since 0.9</i> )   | (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. ( <i>since 0.11</i> ) | \$prefix<br>#ticket.id:<br>\$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. ( <i>since 0.10</i> )   | 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. ( <i>since 0.10</i> )                                      | false                                |
| use_tls                 | Use SSL/TLS to send notifications over SMTP. ( <i>since 0.10</i> )   | false                                |

## [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          | My example project  |

## [notification]



|        |   |   |
|--------|---|---|
|        | Short description of the project.   |   |
| footer | Page footer text (right-aligned).   | Visit the Trac open source project at<br><code>&lt;br /&gt;&lt;a href="http://trac.edgewall.org/"&gt;http://trac.edgewall.org/&lt;/a&gt;</code> |
| icon   | URL of the icon of the project.   | <code>common/trac.ico</code>  |
| name   | Name of the project.  | <code>My Project</code>   |
| 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 <u>query language</u> syntax, or a URL query string starting with <code>?</code> as used in <code>query</code> : <u>Trac links</u> . (since 0.11.2)     | <code>status!=closed&amp;cc~=\$USER</code>   |
| default_query           | The default query for authenticated users. The query is either in <u>query language</u> syntax, or a URL query string starting with <code>?</code> as used in <code>query</code> : <u>Trac links</u> . (since 0.11.2) | <code>status!=closed&amp;owner=\$USER</code> |
| items_per_page          | Number of tickets displayed per page in ticket queries, by default (since 0.11)   | 100  |
| ticketlink_query        | The base query to be used when linkifying values of ticket fields. The query is a URL query string starting with <code>?</code> as used in <code>query</code> : <u>Trac links</u> . (since 0.12)                      | <code>?status!=closed</code>                 |

#### [report]

|                    |   |     |
|--------------------|---|-----|
| items_per_page     | Number of tickets displayed per page in ticket reports, by default (since 0.11) | 100 |
| items_per_page_rss | Number of tickets displayed in the rss feeds for reports (since 0.11)           | 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.

#### [project]

(since 0.12)

## [revisionlog]

|                   |   |                                       |
|-------------------|---|---------------------------------------|
| default_log_limit | Default value for the limit argument in the <a href="#">TracRevisionLog</a> .<br>(since 0.11)               | 100                                   |
| graph_colors      | Comma-separated list of colors to use for the <a href="#">TracRevisionLog</a><br>graph display. (since 1.0) | #cc0, #0c0, #0cc, #00c,<br>#c0c, #c00 |

## [roadmap]

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

## [search]

|                          |   |                 |
|--------------------------|---|-----------------|
| default_disabled_filters | Specifies which search filters should be disabled by default on the search<br>page. This will also restrict the filters for the quick search function. The<br>filter names defined by default components are: <code>wiki</code> , <code>ticket</code> , <code>milestone</code><br>and <code>changeset</code> . For plugins, look for their implementation of the<br><code>ISearchSource</code> interface, in the <code>get_search_filters()</code> method, the first<br>member of returned tuple. Once disabled, search filters can still be<br>manually enabled by the user on the search page. (since 0.12) | (no<br>default) |
| min_query_length         | Minimum length of query string allowed when performing a search.  | 3               |

## [simpleticket]

|           |   |              |
|-----------|---|--------------|
| 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 | false        |

## [sqlite]

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

## [svn]

|          |   |   |
|----------|---|---|
| branches | Comma separated list of paths categorized as branches. If a path ends with '*', then all<br>the directory entries found below that path will be included. Example: <code>/trunk</code> ,<br><code>/branches/*</code> , <code>/projectAlpha/trunk</code> , <code>/sandbox/*</code> | <code>trunk</code> ,<br><code>branches/*</code> |
| tags     | Comma separated list of paths categorized as tags. If a path ends with '*', then all the<br>directory entries found below that path will be included. Example: <code>/tags/*</code> ,<br><code>/projectAlpha/tags/A-1.0</code> , <code>/projectAlpha/tags/A-v1.1</code>           | <code>tags/*</code>                             |

## [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](#).

## [repositories]

## 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)

### [ticket]

|                      |  |              |
|----------------------|--|--------------|
| 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 (since 0.11).   | 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 (since 0.9).  | defect       |
| default_version      | Default version for newly created tickets.   | (no default) |
| max_comment_size     | Don't accept tickets with a too big comment. (since 0.11.2)  | 262144       |
| max_description_size | Don't accept tickets with a too big description. (since 0.11).   | 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'). (since 0.11).  | 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 <a href="#">Assign-to as Drop-Down List</a> . Please note that e-mail addresses are <b>not</b> obfuscated in the resulting drop-down menu, so this | false        |

[svn:externals]

option should not be used if e-mail addresses must remain protected. (*since 0.9*)

workflow

Ordered list of workflow controllers to use for ticket actions (*since 0.11*).

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*)

## [timeline]

|                           |   |          |
|---------------------------|---|----------|
| abbreviated_messages      | 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. ( <i>Since 0.11</i> )  | true     |
| 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. ( <i>since 0.11</i> )  | false    |
| changeset_long_messages   | 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    |
| 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. ( <i>since 0.11</i> ).  | 0        |
| default_daysback          | Default number of days displayed in the Timeline, in days. ( <i>since 0.9</i> .)  | 30       |
| max_daysback              | Maximum number of days (-1 for unlimited) displayable in the Timeline. ( <i>since 0.11</i> )  | 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. ( <i>since 0.11</i> ).  | oneliner |
| ticket_show_details       | Enable the display of all ticket changes in the timeline, not only open / close operations ( <i>since 0.9</i> ).  | 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. ( <i>since 0.12</i> ) | 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. ( <i>since 0.12</i> )   | (no default) |
| authz_file           | The path to the Subversion <a href="#">?authorization (authz) file</a> . To enable authz permission checking, the <code>AuthzSourcePolicy</code> permission policy must be   | (no default) |

|                         |   |              |
|-------------------------|---|--------------|
|                         | added to [trac] permission_policies.  |              |
| authz_module_name       | The module prefix used in the authz_file for the default repository. If left empty, the global section is used.   | (no default) |
| 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. The default is 2.0 seconds. (since 0.12)   | 2.0          |
| auto_reload             | Automatically reload template files after modification.   | false        |
| backup_dir              | Database backup location  | db           |
| base_url                | Reference URL for the Trac deployment. This is the base URL that will be used when producing documents that will be used outside of the web browsing context, like for example when inserting URLs pointing to Trac resources in notification e-mails.  | (no default) |
| check_auth_ip           | Whether the IP address of the user should be checked for authentication (since 0.9).  | false        |
| database                | Database connection <u>string</u> for this project  | sqlite:db/   |
| debug_sql               | Show the SQL queries in the Trac log, at DEBUG level. (Since 0.11.5)  | false        |
| default_charset         | Charset to be used when in doubt.   | utf-8        |
| 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 default) |
| default_dateinfo_format | The date 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 TimelineModule, RoadmapModule, BrowserModule, QueryModule, ReportModule, TicketModule and WikiModule. The default is WikiModule. (since 0.9)   | 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) |
| genshi_cache_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 below /chrome/common/. 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. | (no default) |
| ignore_auth_case        | Whether login names should be converted to lower case (since 0.9).  | false        |
| jquery_location         | Location of the jQuery JavaScript library (version 1.7.2). An empty value loads jQuery from the copy bundled with Trac. Alternatively, jQuery could be loaded from a CDN, for example: <a href="http://code.jquery.com/jquery-1.7.2.min.js">http://code.jquery.com/jquery-1.7.2.min.js</a> .  | (no default) |

|                             |   |  |
|-----------------------------|---|--|
|                             | <a href="http://ajax.aspnetcdn.com/ajax/jQuery/jquery-1.7.2.min.js">?http://ajax.aspnetcdn.com/ajax/jQuery/jquery-1.7.2.min.js</a> or <a href="https://ajax.googleapis.com/ajax/libs/jquery/1.7.2/jquery.min.js">?https://ajax.googleapis.com/ajax/libs/jquery/1.7.2/jquery.min.js</a> . ( <i>since 1.0</i> )   |  |
| jquery_ui_location          | Location of the jQuery UI JavaScript library (version 1.8.21). An empty value loads jQuery UI from the copy bundled with Trac. Alternatively, jQuery UI could be loaded from a CDN, for example:<br><a href="https://ajax.googleapis.com/ajax/libs/jqueryui/1.8.21/jquery-ui.min.js">?https://ajax.googleapis.com/ajax/libs/jqueryui/1.8.21/jquery-ui.min.js</a> or <a href="http://ajax.aspnetcdn.com/ajax/jquery.ui/1.8.21/jquery-ui.min.js">?http://ajax.aspnetcdn.com/ajax/jquery.ui/1.8.21/jquery-ui.min.js</a> . ( <i>since 1.0</i> )   | (no default)                           |
| jquery_ui_theme_location    | Location of the theme to be used with the jQuery UI JavaScript library (version 1.8.21). 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:<br><a href="https://ajax.googleapis.com/ajax/libs/jqueryui/1.8.21/themes/start/jquery-ui.css">?https://ajax.googleapis.com/ajax/libs/jqueryui/1.8.21/themes/start/jquery-ui.css</a> or <a href="http://ajax.aspnetcdn.com/ajax/jquery.ui/1.8.21/themes/start/jquery-ui.css">?http://ajax.aspnetcdn.com/ajax/jquery.ui/1.8.21/themes/start/jquery-ui.css</a> . ( <i>since 1.0</i> ) | (no default)                           |
| mainnav                     | Order of the items to display in the <code>mainnav</code> navigation bar, listed by IDs. See also <a href="#">TracNavigation</a> .  | wiki, time<br>browser, t<br>newticket, |
| metanav                     | Order of the items to display in the <code>metanav</code> navigation bar, listed by IDs. See also <a href="#">TracNavigation</a> .  | login, log<br>help, abou               |
| mysqldump_path              | Location of mysqldump for MySQL database backups  | mysqldump                              |
| never_obfuscate_mailto      | Never obfuscate <code>mailto:</code> links explicitly written in the wiki, even if <code>show_email_addresses</code> is false or the user has not the <code>EMAIL_VIEW</code> permission ( <i>since 0.11.6</i> ).   | false                                  |
| permission_policies         | 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. Defaults to the <code>DefaultPermissionPolicy?</code> (pre-0.11 behavior) and <code>LegacyAttachmentPolicy?</code> (map <code>ATTACHMENT_*</code> permissions to realm specific ones)   | DefaultPer<br>LegacyAtta               |
| permission_store            | Name of the component implementing <code>IPermissionStore</code> , which is used for managing user and group permissions.   | DefaultPer                             |
| pg_dump_path                | Location of <code>pg_dump</code> for Postgres database backups  | pg_dump                                |
| repository_dir              | Path to the default repository. This can also be a relative path ( <i>since 0.11</i> ). This option is deprecated, and repositories should be defined in the <a href="#">repositories</a> section, or using the "Repositories" admin panel. ( <i>since 0.12</i> )   | (no default)                           |
| repository_sync_per_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 \$ENV changeset</code> added on all your repositories (recommended). Otherwise, set it to a comma-separated list of repository names. Note that this will negatively affect performance, and will prevent <code>changeset</code> listeners from receiving events from the repositories specified here. The default is to synchronize the default repository, for backward compatibility. ( <i>since 0.12</i> )  | (default)                              |
| repository_type             | Default repository connector type. ( <i>since 0.10</i> ) This is also used as the default repository type for repositories defined in <a href="#">TracIni#repositories-section</a> <a href="#">repositories</a> or using the "Repositories" admin panel. ( <i>since 0.12</i> )  | svn                                    |
| request_filters             | Ordered list of filters to apply to all requests ( <i>since 0.10</i> ).   | (no default)                           |
| resizable_textareas         | Make <code>&lt;textarea&gt;</code> fields resizable. Requires JavaScript. ( <i>since 0.12</i> )   | true                                   |
| secure_cookies              |   | false                                  |

|  |   |       |
|--|---|-------|
|  | Restrict cookies to HTTPS connections. When true, set 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. ( <i>since 0.11.2</i> )   |       |
| <code>show_email_addresses</code>      | Show email addresses instead of usernames. If false, we obfuscate email addresses. ( <i>since 0.11</i> )  | false |
| <code>show_ip_addresses</code>         | Show IP addresses for resource edits (e.g. wiki). ( <i>since 0.11.3</i> )   | false |
| <code>timeout</code>                   | Timeout value for database connection, in seconds. Use '0' to specify <i>no timeout</i> . ( <i>Since 0.11</i> )   | 20    |
| <code>use_base_url_for_redirect</code> | Optionally use <code>[trac] base_url</code> for redirects. In some configurations, usually involving running Trac behind a HTTP proxy, Trac can't automatically reconstruct the URL that is used to access it. You may need to use this option to force Trac to use the <code>base_url</code> setting also for redirects. This introduces the obvious limitation that this environment will only be usable when accessible from that URL, as redirects are frequently used. ( <i>since 0.10.5</i> ) | false |
| <code>use_xsendfile</code>             | 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 <code>mod_xsendfile</code> or <code>lighttpd</code> . ( <i>since 1.0</i> )   | false |

## [tracnav]

`provide_jpnav` Legacy: Also provide macro as 'JPNav'. false

## [tracwysiwyg]

|                                  |   |              |
|----------------------------------|---|--------------|
| <code>templates</code>           | List of template names that the plugin will show a WYSIWYG editor on each <u>TracWiki</u> textarea. The plugin shows on all pages by default. | (no default) |
| <code>wysiwyg_stylesheets</code> | Add stylesheets to the WYSIWYG editor   | (no default) |

## [versioncontrol]

|  |   |              |
|--|---|--------------|
| <code>allowed_repository_dir_prefixes</code> | 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) |
|--|---|--------------|

## [wiki]

|                                    |   |   |
|------------------------------------|---|---|
| <code>ignore_missing_pages</code>  | Enable/disable highlighting <u>CamelCase</u> links to missing pages ( <i>since 0.9</i> ).   | false   |
| <code>max_size</code>              | Maximum allowed wiki page size in bytes. ( <i>since 0.11.2</i> )  | 262144  |
| <code>render_unsafe_content</code> | Enable/disable the use of unsafe HTML tags such as <code>&lt;script&gt;</code> or <code>&lt;embed&gt;</code> with the HTML <u>WikiProcessor</u> ( <i>since 0.10.4</i> ). For public sites where anonymous users can edit the wiki it is recommended to leave this option disabled (which is the default). | false   |
| <code>safe_schemes</code>          | 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, |

## [tracnav]

|                  |   |                  |
|------------------|---|------------------|
| split_page_names | Enable/disable splitting the <u>WikiPageNames</u> with space characters<br>( <i>since 0.10</i> ). | svn+ssh<br>false |
|------------------|---|------------------|

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