

CGITRC(5)

REVISION HISTORY

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1 NAME

cgitrc - runtime configuration for cgit

2 SYNOPSIS

Cgitrc contains all runtime settings for cgit, including the list of git repositories, formatted as a line-separated list of NAME=VALUE pairs. Blank lines, and lines starting with #, are ignored.

3 LOCATION

The default location of cgitrc, defined at compile time, is /etc/cgitrc. At runtime, cgit will consult the environment variable CGIT_CONFIG and, if defined, use its value instead.

4 GLOBAL SETTINGS

about-filter

Specifies a command which will be invoked to format the content of about pages (both top-level and for each repository). The command will get the content of the about-file on its STDIN, and the STDOUT from the command will be included verbatim on the about page. Default value: none.

agefile

Specifies a path, relative to each repository path, which can be used to specify the date and time of the youngest commit in the repository. The first line in the file is used as input to the "parse_date" function in libgit. Recommended timestamp-format is "yyyy-mm-dd hh:mm:ss". Default value: "info/web/last-modified".

cache-root

Path used to store the cgit cache entries. Default value: "/var/cache/cgit".

cache-dynamic-ttl

Number which specifies the time-to-live, in minutes, for the cached version of repository pages accessed without a fixed SHA1. Default value: "5".

cache-repo-ttl

Number which specifies the time-to-live, in minutes, for the cached version of the repository summary page. Default value: "5".

cache-root-ttl

Number which specifies the time-to-live, in minutes, for the cached version of the repository index page. Default value: "5".

cache-scanrc-ttl

Number which specifies the time-to-live, in minutes, for the result of scanning a path for git repositories. Default value: "15".

cache-size

The maximum number of entries in the cgit cache. Default value: "0" (i.e. caching is disabled).

cache-static-ttl

Number which specifies the time-to-live, in minutes, for the cached version of repository pages accessed with a fixed SHA1. Default value: "5".

clone-prefix

Space-separated list of common prefixes which, when combined with a repository url, generates valid clone urls for the repository. This setting is only used if repo.clone-url is unspecified. Default value: none.

commit-filter

Specifies a command which will be invoked to format commit messages. The command will get the message on its STDIN, and the STDOUT from the command will be included verbatim as the commit message, i.e. this can be used to implement bugtracker integration. Default value: none.

css

Url which specifies the css document to include in all cgit pages. Default value: "/cgit.css".

embedded

Flag which, when set to "1", will make cgit generate a html fragment suitable for embedding in other html pages. Default value: none. See also: "noheader".

enable-filter-overrides

Flag which, when set to "1", allows all filter settings to be overridden in repository-specific cgitrc files. Default value: none.

enable-index-links

Flag which, when set to "1", will make cgit generate extra links for each repo in the repository index (specifically, to the "summary", "commit" and "tree" pages). Default value: "0".

enable-log-filecount

Flag which, when set to "1", will make cgit print the number of modified files for each commit on the repository log page. Default value: "0".

enable-log-linecount

Flag which, when set to "1", will make cgit print the number of added and removed lines for each commit on the repository log page. Default value: "0".

enable-tree-linenumbers

Flag which, when set to "1", will make cgit generate linenummer links for plaintext blobs printed in the tree view. Default value: "1".

favicon

Url used as link to a shortcut icon for cgit. If specified, it is suggested to use the value "/favicon.ico" since certain browsers will ignore other values. Default value: none.

footer

The content of the file specified with this option will be included verbatim at the bottom of all pages (i.e. it replaces the standard "generated by..." message. Default value: none.

head-include

The content of the file specified with this option will be included verbatim in the html HEAD section on all pages. Default value: none.

header

The content of the file specified with this option will be included verbatim at the top of all pages. Default value: none.

include

Name of a configfile to include before the rest of the current config- file is parsed. Default value: none.

index-header

The content of the file specified with this option will be included verbatim above the repository index. This setting is deprecated, and will not be supported by cgit-1.0 (use root-readme instead). Default value: none.

index-info

The content of the file specified with this option will be included verbatim below the heading on the repository index page. This setting is deprecated, and will not be supported by cgit-1.0 (use root-desc instead). Default value: none.

local-time

Flag which, if set to "1", makes cgit print commit and tag times in the servers timezone. Default value: "0".

logo

Url which specifies the source of an image which will be used as a logo on all cgit pages. Default value: "/cgit.png".

logo-link

Url loaded when clicking on the cgkit logo image. If unspecified the calculated url of the repository index page will be used. Default value: none.

max-commit-count

Specifies the number of entries to list per page in "log" view. Default value: "50".

max-message-length

Specifies the maximum number of commit message characters to display in "log" view. Default value: "80".

max-repo-count

Specifies the number of entries to list per page on the repository index page. Default value: "50".

max-repodesc-length

Specifies the maximum number of repo description characters to display on the repository index page. Default value: "80".

max-stats

Set the default maximum statistics period. Valid values are "week", "month", "quarter" and "year". If unspecified, statistics are disabled. Default value: none. See also: "repo.max-stats".

mimetype.<ext>

Set the mimetype for the specified filename extension. This is used by the `plain` command when returning blob content.

module-link

Text which will be used as the formatstring for a hyperlink when a submodule is printed in a directory listing. The arguments for the formatstring are the path and SHA1 of the submodule commit. Default value: `"/?repo=%s&page=commit&id=%s"`

nocache

If set to the value "1" caching will be disabled. This settings is deprecated, and will not be honored starting with cgkit-1.0. Default value: "0".

noplainemail

If set to "1" showing full author email adresses will be disabled. Default value: "0".

noheader

Flag which, when set to "1", will make cgkit omit the standard header on all pages. Default value: none. See also: "embedded".

renamelimit

Maximum number of files to consider when detecting renames. The value "-1" uses the `completime` value in git (for further info, look at `man git-diff`). Default value: "-1".

repo.group

Legacy alias for "section". This option is deprecated and will not be supported in cgkit-1.0.

robots

Text used as content for the "robots" meta-tag. Default value: "index, nofollow".

root-desc

Text printed below the heading on the repository index page. Default value: "a fast webinterface for the git dscm".

root-readme

The content of the file specified with this option will be included verbatim below the "about" link on the repository index page. Default value: none.

root-title

Text printed as heading on the repository index page. Default value: "Git Repository Browser".

scan-path

A path which will be scanned for repositories. If caching is enabled, the result will be cached as a cgkitrc include-file in the cache directory. Default value: none. See also: `cache-scanrc-ttl`.

section

The name of the current repository section - all repositories defined after this option will inherit the current section name. Default value: none.

snapshots

Text which specifies the default set of snapshot formats generated by cgit. The value is a space-separated list of zero or more of the values "tar", "tar.gz", "tar.bz2" and "zip". Default value: none.

source-filter

Specifies a command which will be invoked to format plaintext blobs in the tree view. The command will get the blob content on its STDIN and the name of the blob as its only command line argument. The STDOUT from the command will be included verbatim as the blob contents, i.e. this can be used to implement e.g. syntax highlighting. Default value: none.

summary-branches

Specifies the number of branches to display in the repository "summary" view. Default value: "10".

summary-log

Specifies the number of log entries to display in the repository "summary" view. Default value: "10".

summary-tags

Specifies the number of tags to display in the repository "summary" view. Default value: "10".

virtual-root

Url which, if specified, will be used as root for all cgit links. It will also cause cgit to generate *virtual urls*, i.e. urls like `/cgit/tree/README` as opposed to `?r=cgit&p=tree&path=README`. Default value: none. NOTE: cgit has recently learned how to use PATH_INFO to achieve the same kind of virtual urls, so this option will probably be deprecated.

5 REPOSITORY SETTINGS

repo.about-filter

Override the default about-filter. Default value: none. See also: "enable-filter-overrides".

repo.clone-url

A list of space-separated urls which can be used to clone this repo. Default value: none.

repo.commit-filter

Override the default commit-filter. Default value: none. See also: "enable-filter-overrides".

repo.defbranch

The name of the default branch for this repository. If no such branch exists in the repository, the first branch name (when sorted) is used as default instead. Default value: "master".

repo.desc

The value to show as repository description. Default value: none.

repo.enable-log-filecount

A flag which can be used to disable the global setting 'enable-log-filecount'. Default value: none.

repo.enable-log-linecount

A flag which can be used to disable the global setting 'enable-log-linecount'. Default value: none.

repo.max-stats

Override the default maximum statistics period. Valid values are equal to the values specified for the global "max-stats" setting. Default value: none.

repo.name

The value to show as repository name. Default value: <repo.url>.

repo.owner

A value used to identify the owner of the repository. Default value: none.

repo.path

An absolute path to the repository directory. For non-bare repositories this is the `.git`-directory. Default value: none.

repo.readme

A path (relative to `<repo.path>`) which specifies a file to include verbatim as the "About" page for this repo. Default value: none.

repo.snapshots

A mask of allowed snapshot-formats for this repo, restricted by the "snapshots" global setting. Default value: `<snapshots>`.

repo.section

Override the current section name for this repository. Default value: none.

repo.source-filter

Override the default source-filter. Default value: none. See also: "enable-filter-overrides".

repo.url

The relative url used to access the repository. This must be the first setting specified for each repo. Default value: none.

6 REPOSITORY-SPECIFIC CGITRC FILE

When the option "scan-path" is used to auto-discover git repositories, `cgit` will try to parse the file "cgitrc" within any found repository. Such a repo-specific config file may contain any of the repo-specific options described above, except "repo.url" and "repo.path". Additionally, the "filter" options are only acknowledged in repo-specific config files when "enable-filter-overrides" is set to "1".

Note: the "repo." prefix is dropped from the option names in repo-specific config files, e.g. "repo.desc" becomes "desc".

7 EXAMPLE CGITRC FILE

```
# Enable caching of up to 1000 output entriess
cache-size=1000

# Specify some default clone prefixes
clone-prefix=git://foobar.com ssh://foobar.com/pub/git http://foobar.com/git

# Specify the css url
css=/css/cgit.css

# Show extra links for each repository on the index page
enable-index-links=1

# Show number of affected files per commit on the log pages
enable-log-filecount=1

# Show number of added/removed lines per commit on the log pages
enable-log-linecount=1

# Add a cgit favicon
favicon=/favicon.ico
```

```
# Use a custom logo
logo=/img/mylogo.png

# Enable statistics per week, month and quarter
max-stats=quarter

# Set the title and heading of the repository index page
root-title=foobar.com git repositories

# Set a subheading for the repository index page
root-desc=tracking the foobar development

# Include some more info about foobar.com on the index page
root-readme=/var/www/htdocs/about.html

# Allow download of tar.gz, tar.bz2 and zip-files
snapshots=tar.gz tar.bz2 zip

##
## List of common mimetypes
##

mimetype.git=image/git
mimetype.html=text/html
mimetype.jpg=image/jpeg
mimetype.jpeg=image/jpeg
mimetype.pdf=application/pdf
mimetype.png=image/png
mimetype.svg=image/svg+xml

##
## List of repositories.
## PS: Any repositories listed when repo.group is unset will not be
##      displayed under a group heading
## PPS: This list could be kept in a different file (e.g. '/etc/cgitrepos')
##      and included like this:
##      include=/etc/cgitrepos
##

repo.url=foo
repo.path=/pub/git/foo.git
repo.desc=the master foo repository
repo.owner=fooman@foobar.com
repo.readme=info/web/about.html

repo.url=bar
repo.path=/pub/git/bar.git
```

```
repo.desc=the bars for your foo
repo.owner=barman@foobar.com
repo.readme=info/web/about.html

# The next repositories will be displayed under the 'extras' heading
repo.group=extras

repo.url=baz
repo.path=/pub/git/baz.git
repo.desc=a set of extensions for bar users

repo.url=wiz
repo.path=/pub/git/wiz.git
repo.desc=the wizard of foo

# Add some mirrored repositories
repo.group=mirrors

repo.url=git
repo.path=/pub/git/git.git
repo.desc=the dscm

repo.url=linux
repo.path=/pub/git/linux.git
repo.desc=the kernel

# Disable adhoc downloads of this repo
repo.snapshots=0

# Disable line-counts for this repo
repo.enable-log-linecount=0

# Restrict the max statistics period for this repo
repo.max-stats=month
```

8 BUGS

Comments currently cannot appear on the same line as a setting; the comment will be included as part of the value. E.g. this line:

```
robots=index # allow indexing
```

will generate the following html element:

```
<meta name='robots' content='index # allow indexing' />
```

9 AUTHOR

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