

NAME**libirccd-log** - loggers**SYNOPSIS**

#include <irccd/log.h>

*void***irc_log_to_syslog**(*void*);*void***irc_log_to_console**(*void*);*void***irc_log_to_file**(*const char* **path*);*void***irc_log_to_null**(*void*);*void***irc_log_set_verbose**(*int verbose*);*void***irc_log_set_template**(*const char* **tmpl*);*void***irc_log_info**(*const char* **fmt*, ...);*void***irc_log_warn**(*const char* **fmt*, ...);*void***irc_log_debug**(*const char* **fmt*, ...);*void***irc_log_finish**(*void*);**DESCRIPTION**

This header provides functions to log messages into the configured ircd(1) loggers.

Messages should always be prefixed by its component. For example, server messages start with "server

<id>:" and plugins "plugin <id>:".

The **irc_log_to_syslog()**, **irc_log_to_console()** and **irc_log_to_null()** set the logger to the syslog(3) mechanism, standard output/error and completely quiet respectively. The **irc_log_to_file()** uses the file specified by *path* to log everything. All those functions will close the current adapter before changing it.

The **irc_log_set_verbose()** changes the verbosity to on if *verbose* is greater than 0 (which is the default).

The **irc_log_set_template()** changes the format string used to log entries with the help of libirccd-subst(3) routines. Passing NULL as *tmpl* resets the default format to "#{message}"

The **irc_log_info()** uses the printf(3) like format to log information messages. Thoses messages are ignored if the verbosity is null.

The **irc_log_warn()** function logs a warning message, it is always written even if verbosity is null.

The **irc_log_debug()** only write messages if the daemon was built in "debug" mode, it also ignores the verbosity level.

The **irc_log_finish()** function closes the current adapter. It is usually not required from the user itself.

SEE ALSO

libirccd(3)

AUTHORS

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