

**NAME**

notifier – cups notification interface

**SYNOPSIS**

**notifier** *recipient* [ *user-data* ]

**DESCRIPTION**

The CUPS notifier interface provides a standard method for adding support for new event notification methods to CUPS. Each notifier delivers one or more IPP events from the standard input to the specified recipient.

Notifiers **must** read IPP messages from the standard input using the `ippNew` and `ippReadFile` functions and exit on error. Notifiers are encouraged to exit after a suitable period of inactivity, however they may exit after reading the first message or stay running until an error is seen.

**LOG MESSAGES**

Messages sent to `stderr` are generally logged to the current *ErrorLog*. Each line begins with a standard prefix:

ALERT: message

Sets the printer-state-message attribute and adds the specified message to the current *ErrorLog* using the "alert" log level.

CRIT: message

Sets the printer-state-message attribute and adds the specified message to the current *ErrorLog* using the "critical" log level.

DEBUG: message

Sets the printer-state-message attribute and adds the specified message to the current *ErrorLog* using the "debug" log level.

DEBUG2: message

Sets the printer-state-message attribute and adds the specified message to the current *ErrorLog* using the "debug2" log level.

EMERG: message

Sets the printer-state-message attribute and adds the specified message to the current *ErrorLog* using the "emergency" log level.

ERROR: message

Sets the printer-state-message attribute and adds the specified message to the current *ErrorLog* using the "error" log level.

INFO: message

Sets the printer-state-message attribute. If the current *LogLevel* is set to "debug2", also adds the specified message to the current *ErrorLog* using the "info" log level.

NOTICE: message

Sets the printer-state-message attribute and adds the specified message to the current *ErrorLog* using the "notice" log level.

**WARNING: message**

Sets the printer-state-message attribute and adds the specified message to the current *ErrorLog* using the "warning" log level.

**ENVIRONMENT VARIABLES**

The following environment variables are defined by the CUPS server when executing the notifier:

**CHARSET**

The default text character set, typically utf-8.

**CUPS\_CACHEDIR**

The directory for semi-persistent cache files can be found.

**CUPS\_DATADIR**

The directory where data files can be found.

**CUPS\_FILETYPE**

The type of file being printed: "job-sheet" for a banner page and "document" for a regular print file.

**CUPS\_SERVERROOT**

The root directory of the server.

**LANG**

The default language locale (typically C or en).

**PATH**

The standard execution path for external programs that may be run by the filter.

**SOFTWARE**

The name and version number of the server (typically CUPS/1.2).

**TZ**

The timezone of the server.

**USER**

The user executing the filter, typically "lp"; consult the *cupsd.conf*(5) file for the current setting.

**SEE ALSO**

*backend*(7), *cupsd*(8), *filter*(7),  
<http://localhost:631/help>

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