Rocky Enterprise Linux 9.2 Manual Pages on command 'cups-browsed.8'

$ man cups-browsed.8

cups-browsed(8)   cups-browsed(8)

NAME

    cups-browsed - A daemon for browsing the Bonjour broadcasts of shared, remote CUPS print?

    ers

SYNOPSIS

    cups-browsed [-v | -d | --debug] [-c config-file]

    [-o option=value] [-o 'config file line'] ...

    [--autoshutdown=mode] [--autoshutdown-timeout=timeout]

    [-h | --help | --version]

DESCRIPTION

    cups-browsed has four independently switchable functions:

    1. Browse Bonjour broadcasts of remote printers and create/remove local raw queues point?

       ing to these printers.

    2. Browse CUPS broadcasts of remote printers and create/remove local raw queues pointing

       to these printers.

    3. Browse an LDAP server for printers and create/remove local raw queues pointing to

       these printers.

    4. Broadcast local queues with the CUPS protocol.

    Note that 2. and 4. are only to allow communication with legacy CUPS servers (1.5.x or

    older) on the remote machine(s). The standard method to broadcast for shared/network

    printers to broadcast their presence is Bonjour. The CUPS broadcasting/browsing protocol

    is deprecated.

    cups-browsed can be run permanently (from system boot to shutdown) or on-demand (for exam?

ple to save resources on mobile devices). For running it on-demand an auto-shutdown fea?

ture can be activated to let cups-browsed terminate when it does not have queues any more

to take care of.

OPTIONS

-v, -d, --debug

Debug mode, verbose logging to stderr

-l, --logfile

Debug logging into /var/log/cups/cups-browsed_log file.

-c config-file

Uses the alternative configuration file config-file instead of the standard one.

-o option=value, -o 'config file line'

Supply configuration options via the command line. You can supply any line which

also could be put into the configuration file, but note that due to the spaces the

line has to be put into quotes, or for a simple key/value pair the space between

key and value can get replaced by '='. If command-line-supplied configuration set?

tings are contradicting with the ones in the configuration file, the ones in the

configuration file will get used.

--autoshutdown=mode

Auto shutdown mode, mode is off for no auto shutdown, on for auto shutdown being

active, and avahi for control by the avahi-daemon being run on-demand, getting

auto-shutdown turned off while avahi-daemon is present and on when avahi-daemon is

shut down.

--autoshutdown-on=inactivity-type

What cups-browsed considers as inactivity for auto-shutdown. inactivity-type set to

no-queues (the default) means that auto-shutdown is initiated if there are no

queues generated by cups-browsed any more, no-jobs means that auto-shutdown will

get initiated if all queues generated by cups-browsed are without jobs.

--autoshutdown-timeout=timeout

timeout tells after how many seconds cups-browsed should shut down if it has no lo?

cal queues set up for any discovered remote printer any more or jobs on these. De?

fault is 30 seconds. 0 means immediate shutdown.

-h, --help, --version

Display usage and version info and do not start the daemon.

FILES

/etc/cups/cups-browsed.conf

SIGNALS

SIGINT, SIGTERM: cups-browsed will shutdown.

SIGUSR1: Switches cups-browsed into permanent mode (no auto shutdown).

SIGUSR2: Switches cups-browsed into auto shutdown mode.

NOTES

Please take references to cups 1.6.x to include newer versions. Similarly, cups 1.5.x is intended to encompass older versions too.

In environments with only cups 1.6.x servers and clients (plus cups-browsed on either server or client or both) the function described in 1. enables the automatic discovery of remote queues and their display in printing dialogues of applications and with command line tools.

The facility provided by 3. allows printers that are registered in an LDAP server to be added as local queues. CUPS servers 1.5.x are able to automatically register printers in LDAP. The facility provided by cups-browsed allows a filter string to further limit the printers that are browsed from LDAP.

The facility provided by 4. means that servers running cups 1.6.x plus cups-browsed can broadcast their local queues so that clients with cups 1.5.x get these queues automati? cally available. The outcome of 2. is that clients running cups 1.6.x plus cups-browsed can use the CUPS broadcasts from servers with cups 1.5.x. As with browsing of Bonjour broadcasts, the created local raw queues are available to applications and command line tools.

This manual page was written for the Debian Project, but it may be used by others.

SEE ALSO

cups-browsed.conf(5)

<div align="center">29 June 2013   cups-browsed(8)</div>