

NAME

uidd – UUID generation daemon

SYNOPSIS

uidd [options]

DESCRIPTION

The **uidd** daemon is used by the UUID library to generate universally unique identifiers (UUIDs), especially time-based UUIDs, in a secure and guaranteed-unique fashion, even in the face of large numbers of threads running on different CPUs trying to grab UUIDs.

OPTIONS

-d, --debug

Run uidd in debugging mode. This prevents uidd from running as a daemon.

-F, --no-fork

Do not daemonize using a double-fork.

-k, --kill

If currently a uidd daemon is running, kill it.

-n, --uuids *number*

When issuing a test request to a running uidd, request a bulk response of *number* UUIDs.

-P, --no-pid

Do not create a pid file.

-p, --pid *path*

Specify the pathname where the pid file should be written. By default, the pid file is written to /run/uidd/uidd.pid.

-q, --quiet

Suppress some failure messages.

-r, --random

Test uidd by trying to connect to a running uidd daemon and request it to return a random-based UUID.

-S, --socket-activation

Do not create a socket but instead expect it to be provided by the calling process. This implies **--no-fork** and **--no-pid**. This option is intended to be used only with **systemd(1)**. It needs to be enabled with a configure option.

-s, --socket *path*

Make uidd use this pathname for the unix-domain socket. By default, the pathname used is /run/uidd/request. This option is primarily for debugging purposes, since the pathname is hard-coded in the libuuid library.

-T, --timeout *number*

Make uidd exit after *number* seconds of inactivity.

-t, --time

Test uidd by trying to connect to a running uidd daemon and request it to return a time-based UUID.

-V, --version

Output version information and exit.

-h, --help

Display help screen and exit.

EXAMPLE

Start up a daemon, print 42 random keys, and then stop the daemon:

```
uidd -p /tmp/uidd.pid -s /tmp/uidd.socket
```

```
uuidd -d -r -n 42 -s /tmp/uuidd.socket  
uuidd -d -k -s /tmp/uuidd.socket
```

AUTHOR

The **uuidd** daemon was written by Theodore Ts'o <tytso@mit.edu>.

SEE ALSO

uuid(3), **uuidgen**(1)

AVAILABILITY

The **uuidd** daemon is part of the **util-linux** package and is available from the Linux Kernel Archive (<https://www.kernel.org/pub/linux/utils/util-linux/>).