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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'systemd-stdio-bridge.1' command

\$ man systemd-stdio-bridge.1

SYSTEMD-STDIO-BRIDGE(1) systemd-stdio-bridge SYSTEMD-STDIO-BRIDGE(1)

NAME

systemd-stdio-bridge - D-Bus proxy

SYNOPSIS

systemd-stdio-bridge [OPTIONS...]

DESCRIPTION

systemd-stdio-bridge implements a proxy between STDIN/STDOUT and a D-Bus bus. It expects to receive an open connection via STDIN/STDOUT when started, and will create a new connection to the specified bus. It will then forward messages between the two connections. This program is suitable for socket activation: the first connection may be a pipe or a socket and must be passed as either standard input, or as an open file descriptor according to the protocol described in `sd_listen_fds(3)`. The second connection will be made by default to the local system bus, but this can be influenced by the `--user`, `--system`, `--machine=`, and `--bus-path=` options described below.

`sd-bus(3)` uses `systemd-stdio-bridge` to forward D-Bus connections over `ssh(1)`, or to connect to the bus of a different user, see `sd_bus_set_address(3)`.

OPTIONS

The following options are understood:

`--user`

Talk to the service manager of the calling user, rather than the

service manager of the system.

--system

Talk to the service manager of the system. This is the implied default.

-M, --machine=

Execute operation on a local container. Specify a container name to connect to, optionally prefixed by a user name to connect as and a separating "@" character. If the special string ".host" is used in place of the container name, a connection to the local system is made (which is useful to connect to a specific user's user bus: "--user --machine=lennart@.host"). If the "@" syntax is not used, the connection is made as root user. If the "@" syntax is used either the left hand side or the right hand side may be omitted (but not both) in which case the local user name and ".host" are implied.

-p PATH, --bus-path=PATH

Path to the bus address. Default:

"unix:path=/run/dbus/system_bus_socket"

-h, --help

Print a short help text and exit.

--version

Print a short version string and exit.

EXIT STATUS

On success, 0 is returned, a non-zero failure code otherwise.

SEE ALSO

dbus-daemon(1), dbus-broker(1), D-Bus[1], systemd(1)

NOTES

1. D-Bus

<https://www.freedesktop.org/wiki/Software/dbus>