systemd-pty-forward

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systemd

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Run a command with a custom terminal background color or title

systemd-pty-forward

OPTIONS

COMMAND

Description

`systemd-pty-forward` can be used to run a command with a custom terminal background color or title.

Options

The following options are understood:

`--background=COLOR`
Change the terminal background color to the specified ANSI color as long as the command runs. The color specified should be an ANSI X3.64 SGR background color, i.e. strings such as `40`, `41`, …, `47`, `48;2;…`, `48;5;…`. See ANSI Escape Code (Wikipedia) for details.

Example: `--background=44` for a blue background.

`--title=TITLE`
Change the terminal title to the specified string as long as the command runs.

`--quiet`; `-q`
Suppresses additional informational output while running.

`--console=MODE`
Selects how the terminal for the invoked command is acquired and connected. Takes one of `interactive`, `read-only`, `broker` or `broker-log`.

If `interactive` (the default) a pseudo TTY is allocated locally and the calling terminal is forwarded to it interactively, i.e. both terminal output and user input are forwarded. If `read-only` this is similar, but no user input from standard input is forwarded to the command.

If `broker` or `broker-log` the pseudo TTY is not allocated locally, but acquired from `systemd-ptybrokerd.service(8)`. In both cases the broker retains the frontend (i.e. the "master") side of the pseudo TTY and the command is invoked on the acquired backend (i.e. the "slave") side. With `broker` the frontend output is discarded (unless monitored), with `broker-log` it is written to the logs by `systemd-ptybrokerd.service`. The allocated pseudo TTY may subsequently be monitored, listed or hung up with `ptyctl(1)`.

`--system`; `--user`
When `--console=broker` or `--console=broker-log` is used, selects whether to talk to the system-wide instance or the per-user instance of `systemd-ptybrokerd.service(8)`. Defaults to `--system`. Has no effect in the other console modes.

`--pty-name=NAME`
When `--console=broker` or `--console=broker-log` is used, registers the newly allocated pseudo TTY under the specified name with `systemd-ptybrokerd.service(8)`; if not specified (the default) the broker picks a randomized name. Has no effect in the other console modes.

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