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Rocky Enterprise Linux 9.2 Manual Pages on command 'dbus-run-session.1'

\$ man dbus-run-session.1

DBUS-RUN-SESSION(1) User Commands DBUS-RUN-SESSION(1)

NAME

dbus-run-session - start a process as a new D-Bus session

SYNOPSIS

dbus-run-session [--config-file FILENAME] [--dbus-daemon BINARY] [--]

PROGRAM [ARGUMENTS...]

dbus-run-session --help

dbus-run-session --version

DESCRIPTION

dbus-run-session is used to start a session bus instance of dbus-daemon from a shell script, and start a specified program in that session. The dbus-daemon will run for as long as the program does, after which it will terminate.

One use is to run a shell with its own dbus-daemon in a text?mode or SSH session, and have the dbus-daemon terminate automatically on leaving the sub?shell, like this:

dbus-run-session -- bash

or to replace the login shell altogether, by combining dbus-run-session

with the `exec` builtin:

```
exec dbus-run-session -- bash
```

Another use is to run regression tests and similar things in an isolated D-Bus session, to avoid either interfering with the "real"

D-Bus session or relying on there already being a D-Bus session active,

for instance:

```
dbus-run-session -- make check
```

or (in `automake(1)`):

```
AM_TESTS_ENVIRONMENT = export MY_DEBUG=all;
```

```
LOG_COMPILER = dbus-run-session
```

```
AM_LOG_FLAGS = --
```

OPTIONS

`--config-file=FILENAME`, `--config-file FILENAME`

Pass `--config-file=FILENAME` to the bus daemon, instead of passing it the `--session` argument. See `dbus-daemon(1)`.

`--dbus-daemon=BINARY`, `--dbus-daemon BINARY`

Run `BINARY` as `dbus-daemon(1)`, instead of searching the `PATH` in the usual way for an executable called `dbus-daemon`.

`--help`

Print usage information and exit.

`--version`

Print the version of `dbus-run-session` and exit.

EXIT STATUS

`dbus-run-session` exits with the exit status of `PROGRAM`, 0 if the `--help` or `--version` options were used, 127 on an error within `dbus-run-session` itself, or `128+n` if the `PROGRAM` was killed by signal `n`.

ENVIRONMENT

`PATH` is searched to find `PROGRAM`, and (if the `--dbus-daemon` option is not used or its argument does not contain a `/` character) to find `dbus-daemon`.

The session bus' address is made available to `PROGRAM` in the environment variable `DBUS_SESSION_BUS_ADDRESS`.

The variables `DBUS_SESSION_BUS_PID`, `DBUS_SESSION_BUS_WINDOWID`,

DBUS_STARTER_BUS_TYPE and DBUS_STARTER_ADDRESS are removed from the environment, if present.

BUGS

Please send bug reports to the D-Bus mailing list or bug tracker, see <http://www.freedesktop.org/software/dbus/>

SEE ALSO

dbus-daemon(1), dbus-launch(1)

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