

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)**