

**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)**