

NAME

dbus-monitor - debug probe to print message bus messages

SYNOPSIS

```
dbus-monitor [--system | --session | --address ADDRESS] [--profile | --monitor]
               [watch expressions]
```

DESCRIPTION

The **dbus-monitor** command is used to monitor messages going through a D-Bus message bus. See <http://www.freedesktop.org/software/dbus/> for more information about the big picture.

There are two well-known message buses: the systemwide message bus (installed on many systems as the messagebus service) and the per-user-login-session message bus (started each time a user logs in). The `--system` and `--session` options direct **dbus-monitor** to monitor the system or session buses respectively. If neither is specified, **dbus-monitor** monitors the session bus.

dbus-monitor has two different output modes, the classic-style monitoring mode and profiling mode. The profiling format is a compact format with a single line per message and microsecond-resolution timing information. The `--profile` and `--monitor` options select the profiling and monitoring output format respectively. If neither is specified, **dbus-monitor** uses the monitoring output format.

In order to get **dbus-monitor** to see the messages you are interested in, you should specify a set of watch expressions as you would expect to be passed to the `dbus_bus_add_match` function.

The message bus configuration may keep **dbus-monitor** from seeing all messages, especially if you run the monitor as a non-root user.

OPTIONS

--system

Monitor the system message bus.

--session

Monitor the session message bus. (This is the default.)

--address ADDRESS

Monitor an arbitrary message bus given at ADDRESS.

--profile

Use the profiling output format.

--monitor

Use the monitoring output format. (This is the default.)

EXAMPLE

Here is an example of using dbus-monitor to watch for the gnome typing monitor to say things

```
dbus-monitor type=signal,sender=org.gnome.TypingMonitor,interface=org.gnome.TypingMonitor
```

AUTHOR

dbus-monitor was written by Philip Blundell. The profiling output mode was added by Olli Salli.

BUGS

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