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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'dbus-update-activation-environment.1' command**

***\$ man dbus-update-activation-environment.1***

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### NAME

dbus-update-activation-environment - update environment used for D-Bus session services

### SYNOPSIS

dbus-update-activation-environment [--systemd] [--verbose] --all |  
VAR... | VAR=VAL...

### DESCRIPTION

dbus-update-activation-environment updates the list of environment variables used by dbus-daemon --session when it activates session services without using systemd.

With the --systemd option, if an instance of systemd --user is available on D-Bus, it also updates the list of environment variables used by systemd --user when it activates user services, including D-Bus session services for which dbus-daemon has been configured to delegate activation to systemd. This is very similar to the import-environment command provided by systemctl(1).

Variables that are special to dbus-daemon or systemd may be set, but their values will be overridden when a service is started. For instance, it is not useful to add DBUS\_SESSION\_BUS\_ADDRESS to dbus-daemon's activation environment, although it might still be useful to add it to systemd's activation environment.

### OPTIONS

--all

Set all environment variables present in the environment used by dbus-update-activation-environment.

--systemd

Set environment variables for systemd user services as well as for traditional D-Bus session services.

--verbose

Output messages to standard error explaining what dbus-update-activation-environment is doing.

VAR

If VAR is present in the environment of dbus-update-activation-environment, set it to the same value for D-Bus services. Its value must be UTF-8 (if not, it is skipped with a warning). If VAR is not present in the environment, this argument is silently ignored.

VAR=VAL

Set VAR to VAL, which must be UTF-8.

## EXAMPLES

dbus-update-activation-environment is primarily designed to be used in Linux distributions' X11 session startup scripts, in conjunction with the "user bus" design.

To propagate DISPLAY and XAUTHORITY to dbus-daemon and, if present, systemd, and propagate DBUS\_SESSION\_BUS\_ADDRESS to systemd:

```
dbus-update-activation-environment --systemd \  
    DBUS_SESSION_BUS_ADDRESS DISPLAY XAUTHORITY
```

To propagate all environment variables except XDG\_SEAT, XDG\_SESSION\_ID and XDG\_VTNR to dbus-daemon (and, if present, systemd) for compatibility with legacy X11 session startup scripts:

```
# in a subshell so the variables remain set in the  
# parent script  
(  
    unset XDG_SEAT  
    unset XDG_SESSION_ID
```

```
unset XDG_VTNR
dbus-update-activation-environment --systemd --all
)
```

## EXIT STATUS

dbus-update-activation-environment exits with status 0 on success, EX\_USAGE (64) on invalid command-line options, EX\_OSERR (71) if unable to connect to the session bus, or EX\_UNAVAILABLE (69) if unable to set the environment variables. Other nonzero exit codes might be added in future versions.

## ENVIRONMENT

DBUS\_SESSION\_BUS\_ADDRESS, XDG\_RUNTIME\_DIR and/or DISPLAY are used to find the address of the session bus.

## LIMITATIONS

dbus-daemon does not provide a way to unset environment variables after they have been set (although systemd does), so dbus-update-activation-environment does not offer this functionality either.

POSIX does not specify the encoding of non-ASCII environment variable names or values and allows them to contain any non-zero byte, but neither dbus-daemon nor systemd supports environment variables with non-UTF-8 names or values. Accordingly, dbus-update-activation-environment assumes that any name or value that appears to be valid UTF-8 is intended to be UTF-8, and ignores other names or values with a warning.

## BUGS

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

## SEE ALSO

dbus-daemon(1), systemd(1), the import-environment command of systemctl(1)

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