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

***\$ 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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