Red Hat Enterprise Linux Release 9.2 Manual Pages on 'org.freedesktop.LogControl1.5' command

$ man org.freedesktop.LogControl1.5

ORG.FREEDESKTOP.LOGCONTROLOrg.freedesktop.LogConORG.FREEDESKTOP.LOGCONTROL1(5)

NAME

org.freedesktop.LogControl1 - D-Bus interface to query and set logging

configuration

INTRODUCTION

org.freedesktop.LogControl1 is a generic interface that is intended to

be used by any daemon which allows the log level and target to be set

over D-Bus. It is implemented by various daemons that are part of the

systemd(1) suite.

It is assumed that those settings are global for the whole program, so

a fixed object path is used. The interface should always be available

under the path /org/freedesktop/LogControl1.

DESCRIPTION

The following interface is exposed:

node /org/freedesktop/LogControl1 {

interface org.freedesktop.LogControl1 {

properties:

@org.freedesktop.DBus.Property.EmitsChangedSignal("false")

@org.freedesktop.systemd1.Privileged("true")

readwrite s LogLevel = '...';

@org.freedesktop.DBus.Property.EmitsChangedSignal("false")

@org.freedesktop.systemd1.Privileged("true")

readwrite s LogTarget = '...';

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            @org.freedesktop.DBus.Property.EmitsChangedSignal("false")

            readonly s SyslogIdentifier = '...';

        };

        interface org.freedesktop.DBus.Peer { ... };

        interface org.freedesktop.DBus.Introspectable { ... };

        interface org.freedesktop.DBus.Properties { ... };

    };
```

Properties

LogLevel describes the syslog(3)-style log-level, and should be one of

"emerg", "alert", "crit", "err", "warning", "notice", "info", "debug",

in order of increasing verbosity.

LogTarget describes the log target (mechanism). It should be one of

"console" (log to the console or standard output), "kmsg" (log to the

kernel ring buffer), "journal" (log to the journal natively, see

systemd-journald.service(8)), "syslog" (log using the syslog(3) call).

Those two properties are writable, so they may be set by sufficiently

privileged users.

SyslogIdentifier is a read-only property that shows the "syslog

identifier". It is a short string that identifies the program that is

the source of log messages that is passed to the syslog(3) call.

TOOLS

journalctl option -p/--priority= may be used to filter log messages by

log level, option -t/--identifier= may be used to by the syslog

identifier, and filters like "_TRANSPORT=syslog", "_TRANSPORT=journal",

and "_TRANSPORT=kernel" may be used to filter messages by the mechanism

through which they reached systemd-journald.

systemctl log-level and systemctl log-target verbs may be used to query

and set the LogLevel and LogTarget properties of the service manager.

systemctl service-log-level and systemctl service-log-target may

similarly be used for individual services. (Services must have the

BusName= property set and must implement the interface described here.

See systemd.service(5) for details about BusName=.)

SEE ALSO

systemd(1), journalctl(1), systemctl(1), systemd.service(5), syslog(3)