Rocky Enterprise Linux 9.2 Manual Pages on command 'netplan-dbus.8'

$ man netplan-dbus.8

netplan-dbus(8)   netplan-dbus(8)

NAME

    netplan-dbus - daemon to access netplan's functionality via a DBus API

SYNOPSIS

    netplan-dbus

DESCRIPTION

    netplan-dbus is a DBus daemon, providing io.netplan.Netplan on the system bus. The

    /io/netplan/Netplan object provides an io.netplan.Netplan interface, offering the follow?

    ing methods:

    ? Apply() -> b: calls netplan apply and returns a success or failure status.

    ? Generate() -> b: calls netplan generate and returns a success or failure status.

    ? Info() -> a(sv): returns a dict "Features -> as", containing an array of all available

     feature flags.

    ? Config() -> o: prepares a new config object as /io/netplan/Netplan/config/<ID>, by copy?

     ing the current state from /{etc,run,lib}/netplan/*.yaml

The /io/netplan/Netplan/config/<ID> objects provide a io.netplan.Netplan.Config interface, offering the following methods:

? Get() -> s: calls netplan get --root-dir=/run/netplan/config-ID all and returns the merged YAML config of the the given config object's state

? Set(s:CONFIG_DELTA, s:ORIGIN_HINT) -> b: calls netplan set --root-dir=/run/netplan/con? fig-ID --origin-hint=ORIGIN_HINT CONFIG_DELTA

  CONFIG_DELTA can be something like: network.ethernets.eth0.dhcp4=true and ORIGIN_HINT can be something like: 70-snapd (it will then write the config to 70-snapd.yaml). Once Set() is called on a config object, all other current and future config objects are be? ing invalidated and cannot Set() or Try()/Apply() anymore, due to this pending dirty state. After the dirty config object is rejected via Cancel(), the other config objects are valid again. If the dirty config object is accepted via Apply(), newly created con? fig objects will be valid, while the older states will stay invalid.

? Try(u:TIMEOUT_SEC) -> b: replaces the main netplan configuration with this config ob? ject's state and calls netplan try --timeout=TIMEOUT_SEC

? Cancel() -> b: rejects a currently running Try() attempt on this config object and/or discards the config object

? Apply() -> b: replaces the main netplan configuration with this config object's state and calls netplan apply

For information about the Apply()/Try()/Get()/Set() functionality, see netplan-ap? ply(8)/netplan-try(8)/netplan-get(8)/netplan-set(8) accordingly. For details of the con? figuration file format, see netplan(5).

SEE ALSO

  netplan(5), netplan-apply(8), netplan-try(8), netplan-get(8), netplan-set(8)

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