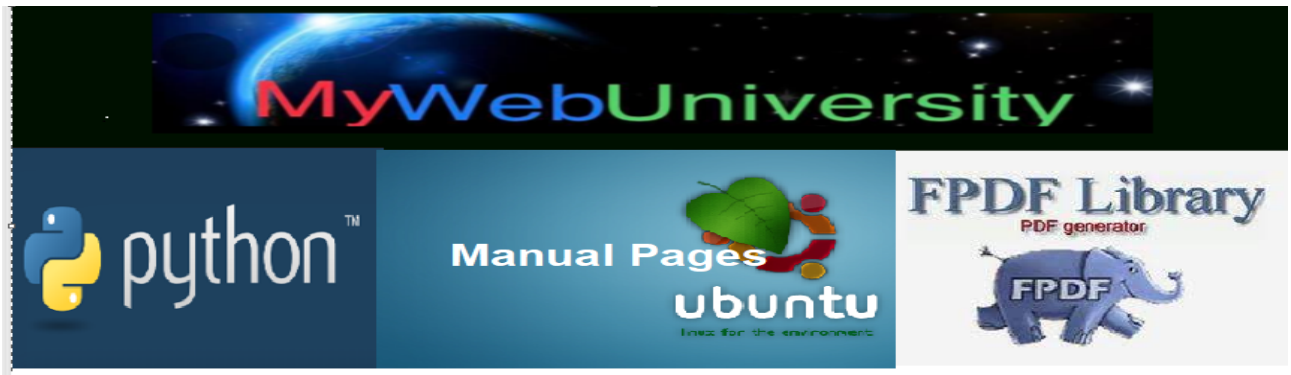

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Linux Ubuntu 26.04 Manual Pages on command 'gdctl.1'

$ man gdctl.1

gdctl(1) User Commands gdctl(1)

Name

gdctl - GNOME Display Controller

SYNOPSIS

gdctl [-h] COMMAND ...

DESCRIPTION

gdctl provides means to show the active monitor configuration, and set new monitor configu?

ration using command line arguments.

It requires a compositor that supports the org.gnome.Mutter.DisplayConfig D-Bus API, such as

GNOME Shell.

COMMANDS

show

Show the current display configuration

set

Set a new display configuration

pref

Set display related preferences.

SHOW OPTIONS

--help, -h

Show a help message and exit.

--modes, -m

List available monitor modes.

--properties, -p

List properties.

--verbose, -v

Display all available information (equivalent to --modes --properties).

SET OPTIONS

--help, -h

Show a help message and exit.

--persistent, -P

Store applied configuration on persistent storage and restore when applicable.

--verbose, -v

Print configuration to standard out before applying it.

--verify, -V

Only verify, without applying, the configuration.

--layout-mode LAYOUT-MODE, -l

Specify the layout mode the configuration should use. Either logical, or physical.

--logical-monitor, -L

Add and configure a logical monitor. See LOGICAL MONITOR OPTIONS.

--for-lease-monitor CONNECTOR, -e CONNECTOR

Set a monitor, that is not part of any logical monitor, available for lease.

LOGICAL MONITOR OPTIONS

--monitor CONNECTOR, -M CONNECTOR

Add a monitor to the currently configured logical monitor. All monitors within the same logical monitor must have the same monitor resolution.

--primary, -p

Mark currently configured logical monitor as primary.

--scale SCALE, -s SCALE

Scale monitors within the currently configured logical monitor with SCALE. Must be a scale supported by all monitors and their configured modes.

--transform TRANSFORM, -t TRANSFORM

Transform monitors within the currently configured logical monitor using TRANSFORM. Pos? sible transforms are normal, 90, 180, 270, flipped, flipped-90, flipped-270 and flipped-180.

--x X, -x X

Set the X position of the currently configured logical monitor.

--y Y, -y Y Y position

Set the Y position of the currently configured logical monitor.

--right-of CONNECTOR

Place the logical monitor to the right of the logical monitor CONNECTOR belongs to.

--left-of CONNECTOR Place left of other monitor

Place the logical monitor to the left of the logical monitor CONNECTOR belongs to.

--above CONNECTOR

Place the logical monitor above the logical monitor CONNECTOR belongs to.

--below CONNECTOR

Place the logical monitor below the logical monitor CONNECTOR belongs to.

MONITOR OPTIONS

--mode MODE, -m MODE

Set the mode of the monitor.

--color-mode COLOR-MODE, -c COLOR-MODE

Set the color mode of the monitor. Available color modes are default, sdr-native and bt2100.

--rgb-range RGB-RANGE, -r RGB-RANGE

Set the RGB quantization range of the monitor. Available ranges are auto, full and limited (16:235).

PREFS OPTIONS

--monitor CONNECTOR, -M CONNECTOR

Change monitor preferences. See MONITOR PREFS OPTIONS.

MONITOR PREFS OPTIONS

--luminance LUMINANCE, -l LUMINANCE

Set the luminance of the monitor for the current color mode.

--reset-luminance

Reset the luminance of the monitor for the current color mode to its default.

EXAMPLES

Mirror DP-1 and eDP-1, and place DP-2, transformed by 270 degrees, to the right of the two mirrored monitors.

```
gdctl set --logical-monitor
          --primary
          --monitor DP-1
```

--monitor eDP-1

--logical-monitor

--monitor DP-2

--right-of DP-1

--transform 270

Set eDP-1 and DP-2 as available for lease.

gdctl set --logical-monitor

--primary

--monitor DP-1

--for-lease-monitor eDP-1

--for-lease-monitor DP-2

BUGS

The bug tracker can be reached by visiting the website <https://gitlab.gnome.org/GNOME/mutter/-/issues>. Before sending a bug report, please verify that you have the latest ver? sion of gnome-shell. Many bugs (major and minor) are fixed at each release, and if yours is out of date, the problem may already have been solved.

ADDITIONAL INFORMATION

For further information, visit the website <https://gitlab.gnome.org/GNOME/mutter/-/blob/main/README.md>.