

Xrandr

XRandR

```
--query -> details about graphics adapter
```

```
--output LVDS|LCD|VGA|HDMI --mode 800x600 -> change resolution
```

```
--output LVDS|LCD|VGA|HDMI --auto -> restore resolution
```

```
--output LVDS|LCD|VGA|HDMI --rate 60
```

connecting a projector

clone VGA and LVDS outputs:

```
xrandr --output VGA --mode 1024x768 --same-as LVDS --output LVDS --mode 1024x768
```

switch off projector:

```
xrandr --output VGA --off
```

```
xrandr --output LVDS --auto
```

switch off internal display and use external display:

```
xrandr --output LVDS --off --output VGA --auto
```

multi-head

```
xrandr --output LVDS --auto --left-of VGA --output VGA --auto
```

rotation

```
xrandr --output LVDS --rotate left|right|normal|invert
```

Revision #3

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