

Video Output Switcher Control

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The output sysfs class driver provides an abstract video output layer that can be used to hook platform specific methods to enable/disable video output device through common sysfs interface. For example, on my IBM ThinkPad T42 laptop, The ACPI video driver registered its output devices and read/write method for 'state' with output sysfs class. The user interface under sysfs is:

```
linux:/sys/class/video_output # tree .
.
|-- CRT0
|   |-- device -> ../../../../devices/pci0000:00/0000:00:01.0
|   |-- state
|   |-- subsystem -> ../../../../class/video_output
|   |-- uevent
|-- DVI0
|   |-- device -> ../../../../devices/pci0000:00/0000:00:01.0
|   |-- state
|   |-- subsystem -> ../../../../class/video_output
|   |-- uevent
|-- LCD0
|   |-- device -> ../../../../devices/pci0000:00/0000:00:01.0
|   |-- state
|   |-- subsystem -> ../../../../class/video_output
|   |-- uevent
|-- TV0
|   |-- device -> ../../../../devices/pci0000:00/0000:00:01.0
|   |-- state
|   |-- subsystem -> ../../../../class/video_output
|   |-- uevent
```