

sysfs-driver-hid-picolcd..txt

What: /sys/bus/usb/devices/<busnum>-<devnum>:<config num>.<interface num>/<hid-bus>:<vendor-id>:<product-id>.<num>/operation\_mode

Date: March 2010

Contact: Bruno Prémont <bonbons@linux-vserver.org>

Description: Make it possible to switch the PicoLCD device between LCD (firmware) and bootloader (flasher) operation modes.

Reading: returns list of available modes, the active mode being enclosed in brackets ('[' and ']')

Writing: causes operation mode switch. Permitted values are the non-active mode names listed when read.

Note: when switching mode the current PicoLCD HID device gets disconnected and reconnects after above delay (see attribute operation\_mode\_delay for its value).

What: /sys/bus/usb/devices/<busnum>-<devnum>:<config num>.<interface num>/<hid-bus>:<vendor-id>:<product-id>.<num>/operation\_mode\_delay

Date: April 2010

Contact: Bruno Prémont <bonbons@linux-vserver.org>

Description: Delay PicoLCD waits before restarting in new mode when operation\_mode has changed.

Reading/Writing: It is expressed in ms and permitted range is 0..30000ms.

What: /sys/bus/usb/devices/<busnum>-<devnum>:<config num>.<interface num>/<hid-bus>:<vendor-id>:<product-id>.<num>/fb\_update\_rate

Date: March 2010

Contact: Bruno Prémont <bonbons@linux-vserver.org>

Description: Make it possible to adjust defio refresh rate.

Hz),  
Reading: returns list of available refresh rates (expressed in the active refresh rate being enclosed in brackets ('[' and ']'))

Writing: accepts new refresh rate expressed in integer Hz within permitted rates.

Note: As device can barely do 2 complete refreshes a second it only makes sense to adjust this value if only one or two tiles get changed and it's not appropriate to expect the application to flush it's tiny changes explicitly at higher than default rate.