

Re: quest for USB only mouse operation

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/hackers/2007-12/msg00204.html>

- *From:* KAYVEN RIESE <kayve@xxxxxxxx>
 - *Date:* Wed, 26 Dec 2007 10:38:21 -0800 (PST)
-

On Wed, 19 Dec 2007, KAYVEN RIESE wrote:

i have an ASUS laptop that i have photodocumented excessively:

<http://www.monkeyview.net/id/965/fsck/index.vhtml>

e.g. model decal:

<http://www.monkeyview.net/id/965/fsck/dmesg/PB12001901.vhtml>

i am trying to disable the touchpad mouse that i accidentally brush and instead make my Macally Optigo

<http://www.monkeyview.net/id/965/fsck/mousie/index.vhtml>

USB mouse the only way to move my gnome pointer (i hope i shouldn't have tried the gnome list, but this seems sort of hardware-y)

at the command line this operation was successful:

```
killall moused  
moused -p /dev/ums0
```

here is a process display (prompt is "kv_bsd#")

```
kv_bsd# ps -A | grep moused  
527 ?? Ss 0:02.02 /usr/sbin/moused -p /dev/ums0 -t auto -I /var/run/moused.ums0.pid  
718 ?? Is 0:00.01 /usr/sbin/moused -p /dev/psm0 -t auto  
kv_bsd#
```

the goal here, is to getting this working on startup. we tried editing a config file catted below:

```
kv_bsd# cat /etc/rc.conf
```

Re: quest for USB only mouse operation

```
# -- sysinstall generated deltas -- # Sun Dec 2 03:03:56 2007
# -- sysinstall generated deltas -- # Sun Dec 2 10:47:16 2007
# Created: Sun Dec 2 10:47:16 2007
# Enable network daemons for user convenience.
# Please make all changes to this file, not to /etc/defaults/rc.conf.
# This file now contains just the overrides from /etc/defaults/rc.conf.
linux_enable="YES"
moused_enable="YES"
moused_port="/dev/ums0"
moused_type="auto"
gdm_enable="YES"
sshd_enable="YES"
ntpdate_flags="ntp1.mainecoon.com"
ntpdate_enable="YES"
usbd_enable="YES"
ifconfig_bge0="inet 192.168.0.2 netmask 255.255.255.0"
defaultrouter="192.168.0.1"
hostname="kv_bsd"
tcp_extensions="YES"
kv_bsd#
```

but that caused the touchpad to be dominant, i.e. the USB mouse no longer works at all.

(an aside.. before someone tells me to do it in the BIOS, i don't think i can. however, i have taken pictures of all the windows of my BIOS here:

<http://www.monkeyview.net/id/965/fsck/bios/index.vhtml>)

tried this:

```
echo "/usr/bin/killall moused ; sleep 1 ; /usr/sbin/moused -p /dev/ums0" >
/usr/local/etc/rc.d/usbmouse
```

here is some dmesg info:

```
kv_bsd# dmesg | grep mouse
psm0: model Generic PS/2 mouse, device ID 0
kv_bsd#
```

what follows is cut from dmesg

```
psm0: <PS/2 Mouse> irq 12 on atkbdc0
psm0: [GIANT-LOCKED]
psm0: model Generic PS/2 mouse, device ID 0
```

more dmesg.. that's the mousie i want right there

Re: quest for USB only mouse operation

ums0: vendor 0x2222 Macally Optigo USB Mouse, rev 1.10/6.30, addr 2, iclass 3/1
ums0: 3 buttons and Z dir.

and this didn't work either:

System->Preferences->Sessions

Then the Startup Programs tab, the Add button and then add this one:
/usr/local/etc/rc.d/usbmouse

more things i tried

```
kv_bsd# ps -A | grep mouse
529 ?? Is 0:00.01 /usr/sbin/moused -p /dev/ums0 -t auto -I /var/run/mou
959 p0 I+ 0:00.01 vi /usr/local/etc/rc.d/usbmouse
kv_bsd# ps -A | grep mouse
529 ?? Is 0:00.01 /usr/sbin/moused -p /dev/ums0 -t auto -I /var/run/moused.ums0.pid
959 p0 I+ 0:00.01 vi /usr/local/etc/rc.d/usbmouse
963 p1 S+ 0:00.00 grep mouse
kv_bsd# dmseg | grep ums
dmseg: Command not found.
kv_bsd# dmesg | grep ums
ums0: vendor 0x2222 Macally Optigo USB Mouse, rev 1.10/6.30, addr 2, iclass 3/1
ums0: 3 buttons and Z dir.
kv_bsd# moused -p /dev/ums0
moused: unable to open /dev/ums0: Device busy
kv_bsd# moused -p /dev/psm0
moused: unable to open /dev/psm0: Device busy
kv_bsd#
```

i hope i wasn't too lengthy about it {:P

Kayven Riese, BSCS, MS (Physiology and Biophysics)
(415) 902 5513 cellular
<http://kayve.net>
Webmaster <http://ChessYoga.org>

Kayven Riese, BSCS, MS (Physiology and Biophysics)
(415) 902 5513 cellular
<http://kayve.net>
Webmaster <http://ChessYoga.org>

frebsd-hackers@xxxxxxxxxxxxx mailing list

Re: quest for USB only mouse operation

Re: quest for USB only mouse operation

<http://lists.freebsd.org/mailman/listinfo/freebsd-hackers>

To unsubscribe, send any mail to "freebsd-hackers-unsubscribe@xxxxxxxxxxxxx"