

## Re: Kernel 2.6.x mouse and KVM help needed

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Andi Kleen <[freitag@alancoxonachip.com](mailto:freitag@alancoxonachip.com)> writes:

> *Kris Sanders <[kris@solanix.org](mailto:kris@solanix.org)> writes:*

>

>> *I have just recently upgraded to kernel 2.6.1 using Slackware 9.1 with  
>> pretty much all the current updates. I have found that when I am in X  
>> Windows and switch to a different box and then back that I lose control of  
>> the pointer. I had this problem with XFree 3.3.x and when 4.x.x came out  
>> they added a reinit routine. That solved the problem that time. The temp  
>> fix that I had was to switch to a console and then back.*

>

> *The 2.6 in kernel mouse driver is to blame whose auto detection  
> tries to be too clever for some KVMs.*

>

> *In 2.6.0 you can pass "psmouse\_noext" on the kernel command line to disable  
> that. On 2.6.1 it is "psmouse\_base.psmouse\_noext"  
> In 2.6.2 it will be apparently "psmouse.max\_proto=bare"*

Is there a similar kernel command line incantation for keyboards?

I have a similar problem with a Linksys 2-Port KVM (PS2KVM2). Linux 2.6 keyboard serial driver i8042 doesn't detect my keyboard. I have to plug in a keyboard directly to the PS/2 port. After sacrificing this goat, linux finds the keyboard and I can hot-swap in the KVM again. Everything is fine after that. Since I don't reboot all that often it's not *that* big a deal but it is annoying.

Another wacky data point is that with newer kernels or X (since later linux 2.4 or xfree86 4.2 I think) the mouse wheel now works through the above mentioned KVM.

I have an older Linksys at home (for which there is no keyboard hotkey to switch KVM) which has no problems at all. Curiouser and curiouser.

> *Yes, you have to reboot to change the mouse settings. It's not a joke,  
> even though it looks like one. I find it sad too.*

comp.os.linux.development.system: Re: Kernel 2.6.x mouse and KVM help needed

Is this a job for something in /proc/sys? Is there some consensus about how to fix this?

> *With some luck at least the command line argument will settle in 2.6.2,*  
> *although I am not very optimistic given past experiences.*

Sigh. Thanks.

> *-Andi*

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