

Re: suspend/restore almost works on Sony PCG-GRX570, acpi_video not good

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2005-06/1378.html>

From: John Baldwin (jhb_at_FreeBSD.org)

Date: 06/28/05

To: hartzell@alerce.com

Date: Tue, 28 Jun 2005 14:55:44 -0400

On Tuesday 28 June 2005 02:49 pm, George Hartzell wrote:

> *John Baldwin writes:*

> > *On Monday 27 June 2005 06:57 pm, George Hartzell wrote:*

> > > *John Baldwin writes:*

> > > > *On Sunday 19 June 2005 06:31 pm, George Hartzell wrote:*

> > > > > *Hi,*

> > > > >

> > > > > *I'm working on a Sony PCG-GRX570.*

> > > > > *[...]*

> > > >

> > > > *The problem is that your LCD isn't turned back on via DPMS, but*

> > > > *there's not a good way to fix that always. Especially if your BIOS*

> > > > *doesn't support DPMS.*

> > >

> > > *Can you say a bit more about this? [...]*

> >

> > *The ACPI spec says that the OS is supposed to power down the attached*

> > *monitor using DPMS before it shuts down the video controller and that*

> > *it should turn the monitor back on using DPMS after it has resumed the*

> > *video controller. FreeBSD currently just does the video controller*

> > *parts (sort of) and doesn't do the DPMS stuff at all except in the*

> > *patch to hack acpi_video, and that only works if your VGA BIOS*

> > *supports DPMS and it can only work for the primary monitor even then.*

>

> *So, do you think that I'm hanging when I try to resume because the*

> *display wasn't shut off using DPMS before FreeBSD shutdown (or*

> *sort-of-shutdown) the video controller), or do you think that the lack*

> *of DPMS shutdown confounds the situation?*

I think that your not hanging at all. The machine has resumed fine (you said you can type 'shutdown -p now' and it turns off IIRC), but the LCD hasn't been turned back on so you can't see the screen output is all. My old Dell laptop had the same issue with S3 resume.

--

John Baldwin <jhb@FreeBSD.org> <>< <http://www.FreeBSD.org/~jhb/>

freebsd-current: Re: suspend/restore almost works on Sony PCG-GRX570, acpi_video not good

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