## Subject: Re: [PATCH] pci\_get\_device call from interrupt in reboot fixups Posted by den on Mon, 06 Aug 2007 07:16:20 GMT

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```
Greg KH wrote:
> On Fri, Aug 03, 2007 at 02:39:24PM +0400, Denis V. Lunev wrote:
>> The following calltrace is possible now:
>> handle_sysrq
    machine emergency restart
>>
      mach reboot fixups
>>
       pci_get_device
>>
        pci_get_subsys
>>
     down_read
>>
>> The patch obtains PCI device during initialization to avoid bothering PCI
>> search engine in interrupt. Devices used in this code are not supposed to
>> be pluggable, so it looks safe to keep them.
> What devices are supposed to be affected here? Are you sure that they
> can't be removed later? Grabbing references here might mess with them
> in the future.
Right now the list is the following:
static struct device fixup fixups table[] = {
{ PCI_VENDOR_ID_CYRIX, PCI_DEVICE_ID_CYRIX_5530_LEGACY,
cs5530a warm reset }.
{ PCI_VENDOR_ID_AMD, PCI_DEVICE_ID_AMD_CS5536_ISA, cs5536_warm_reset },
};
Though, if the approach is not suitable, we can skip fixups if we came
from sysrq.
```

Regards,

Den