

Re: [PATCH] call drv->shutdown at rmmmod

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Date: 08/14/03

Date: Thu, 14 Aug 2003 08:54:43 +0100
To: "Eric W. Biederman" <ebiederm@xmission.com>

On Thu, Aug 14, 2003 at 01:06:45AM -0600, Eric W. Biederman wrote:

>
> *At the kexec BOF at OSDL there was some discussion on calling the
> device shutdown method at module remove time, in addition to calling
> it during reboot. The driver was the observation that the primary
> source of problems in booting linux from linux are drivers with bad
> or missing drv->shutdown() routines. The hope is this will increase
> the testing so people can get it right and kexec can become more
> useful. In addition to making normal reboots more reliable.*
>
> *The following patch is an implementation of that idea it calls drv->shutdown()
> before calling drv->remove(). If drv->shutdown() is implemented.*

Sounds really confusing. And having shutdown maybe called before remove but not always sounds like a design mistake.

Why do we have shutdown at all? Can't we just call ->remove on shutdown so the device always get's into proper uninitialized state on shutdown, too?

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