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Subject: Re: [PATCH] vt: Rework the console spawning variables.

Posted by [Oleg Nesterov](#) on Mon, 11 Sep 2006 02:59:40 GMT

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On 09/10, Eric W. Biederman wrote:

>

> Oleg Nesterov <[oleg@tv-sign.ru](mailto:oleg@tv-sign.ru)> writes:

>

> > On 09/10, Eric W. Biederman wrote:

> >>

> >> Updating this old code is painful.

> >

> > No, no, we shouldn't change the old code, it is fine.

> >

> So what happens when:

> cpu0:                      cpu1:

> kill\_pid(vt\_pid,...)        fn\_SAK()->vc\_reset()->put\_pid(xchg(&vt\_pid, NULL))

>

> Can't kill\_pid dereference vt\_pid after put\_pid is called?

Ah, I didn't consider that patch as 'old code', sorry :)

I don't understand drivers/char/vt\*, but surely put\_pid(xchg()) can't work.

Again, unless we have a lock to serialize access to ->vt\_pid, but in that case we don't need xchg().

Oleg.

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