

Re: [1/1] connector: Kernel connector – userspace <-> kernelspace "linker".

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-09/7480.html>

From: Luis R. Rodriguez (*mcgrof_at_studorgs.rutgers.edu*)

Date: 09/24/04

Date: Fri, 24 Sep 2004 01:48:44 -0400
To: Evgeniy Polyakov <johnpol@2ka.mipt.ru>

On Fri, Sep 24, 2004 at 07:40:32AM +0400, Evgeniy Polyakov wrote:

> *On Fri, 2004-09-24 at 01:54, Luis R. Rodriguez wrote:*
> > *RFC:*
> >
> > *Can and should we work towards using this as interface for drivers that*
> > *need callbacks from an external (closed source) library/HAL?*
>
> *As I mentioned to Richard Jonson, it can be considered as*
> *ioctl. ioctl-ng!*
> *Unified interface (as ioctl) can be used for any type of modules.*
> *It is just a bit extended ioctl :)*
>
> *And _yes_, it can be used to turn on/off binary-only callbacks.*
> *Remember pwc – closed part can register callback and open part can*
> *send message, or even closed part can register notification when*
> *open part registers itself and begin to "trash the kernel".*
>
> *I understand that it is not right way to include it is into the kernel,*
> *but I personally do not understand how it is different*
> *from just extended ioctl. It was designed to be usefull and convenient,*
> *and it is.*
>
> *BTW, any binary-only module can _itself_ create netlink socket*
> *with input callback. And that is all – it will be absolutely*
> *the same as above.*
>
> *One may consider connector as yet-another-netlink-helper.*
>

Eh. I'm just wondering if there's any **right** way of using binary callbacks on a linux driver so that it doesn't **taint** and possibly **trash it**, as you said. I was wondering if perhaps through the connector we could somehow protect the kernel of possibly ill-behaved callbacks.

Comments?

Linux-Kernel: Re: [1/1] connector: Kernel connector – userspace <–> kernelspace "linker".

Luis

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