

freebsd-current: Re: Reattach/redetect allways connected umass device – is it possible ?

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Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2005-03/0792.html>

From: Bernd Walter (*ticso_at_cicely12.cicely.de*)

Date: 03/28/05

Date: Mon, 28 Mar 2005 15:40:21 +0200

To: Poul-Henning Kamp <phk@phk.freebsd.dk>

On Mon, Mar 28, 2005 at 03:33:38PM +0200, Poul-Henning Kamp wrote:

> In message <20050328131318.GC14532@cicely12.cicely.de>, Bernd Walter writes:

> > On Mon, Mar 28, 2005 at 02:13:16PM +0200, Poul-Henning Kamp wrote:

> > > In message <20050328114633.GZ14532@cicely12.cicely.de>, Bernd Walter writes:

> > >

> > > > *camcontrol detach da0; camcontrol rescan all*

> > > > *helps, but, it should be much better if it will be issued automatically.*

> > > >

> > > > *Yes – GEOM seems to ignore media change signals from drives.*

> > > > *I've added PHK to the recipient list – maybe he has an idea about this*

> > > > *problem.*

> > > >

> > > > *No, GEOM doesn't ignore any such thing, because as far as I know*

> > > > *GEOM doesn't get any such thing to ignore in the first place.*

> > > >

> > > > *At least with (most) SCSI devices you get a media changed exception*

> > > > *on the first access after that.*

> > > >

> > > > *Yes, but sane people would argue that is one turn too late in the*

> > > > *game, shouldn't they ?*

Ack.

> *We should get an async event as soon as the media disappears.*

Well – the without a request the drive has no transaction handle to contact the host.

And we don't always have a physcial SCSI bus – e.g. USB devices can't contact the host without the host issuing a transfer.

If you want media change events earlier we have to explizitly ask the devices.

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