
Subject: Re: [PATCH] cgroup: Avoid a memset by using vzalloc
Posted by [Jesper Juhl](#) on Thu, 04 Nov 2010 21:43:56 GMT
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On Wed, 3 Nov 2010, Christoph Lameter wrote:

> On Wed, 3 Nov 2010, Joe Perches wrote:
>
> > On Wed, 2010-11-03 at 23:20 +0800, jovi zhang wrote:
> > > On Wed, Nov 3, 2010 at 10:38 PM, Christoph Lameter <cl@linux.com> wrote:
> > > > On Mon, 1 Nov 2010, Jesper Juhl wrote:
> > > >
> > > > On Sun, 31 Oct 2010, Balbir Singh wrote:
> > > >
> > > > > There are so many places need vzalloc.
> > > > > Thanks, Jesper.
> > > >
> > > >
> > > > Could we avoid this painful exercise with a "semantic patch"?
> >
> > There's an existing cocci kmalloc/memset script.
>
> I have it in
> /usr/share/doc/coccinelle/examples/janitorings/kzalloc-orig.cocci.gz
>
> (Ubuntu coccinelle package)
>
> > Perhaps this is good enough?
> >
> > cp scripts/coccinelle/api/alloc/kzalloc-simple.cocci
scripts/coccinelle/api/alloc/vzalloc-simple.cocci
> > sed -i -e 's/kmalloc/vmalloc/g' -e 's/kzalloc/vzalloc/g'
scripts/coccinelle/api/alloc/vzalloc-simple.cocci
>
> Not sure if that is the same script but certainly a good start. Try it and
> see if it catches all the locations that you know of?
>

I'm aware of coccinelle, but I've never used it and it looks like it'll take more than just a few hours to learn, so I'm sticking with bash+egrep+manual inspection for now until I get a bit more time on my hands to learn coccinelle/spatch.

I assume that not using spatch is not going to be an obstacle to patches such as this one getting merged...?

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