
Subject: Re: [RFC PATCH 5/5] Add a Signal Control Group Subsystem
Posted by [Paul Menage](#) on Wed, 23 Apr 2008 15:37:45 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Wed, Apr 23, 2008 at 8:17 AM, Cedric Le Goater <clg@fr.ibm.com> wrote:

> Hello Matt !

>

> > Add a signal control group subsystem that allows us to send signals to all tasks
> > in the control group by writing the desired signal(7) number to the kill file.

> >

> > NOTE: We don't really need per-cgroup state, but control groups doesn't support
> > stateless subsystems yet.

> >

> > Signed-off-by: Matt Helsley <matthltc@us.ibm.com>

> > ---

> > include/linux/cgroup_signal.h | 28 ++++++++

> > include/linux/cgroup_subsys.h | 6 +

> > init/Kconfig | 6 +

> > kernel/Makefile | 1

> > kernel/cgroup_signal.c | 129 ++++++++++++++++++++++++++++++++++++++

> > 5 files changed, 170 insertions(+)

>

>

> I think there is a small race with new tasks entering the cgroup
> while it's being killed, and a _fork ops would handle that. nop ?

>

I never saw the actual patch (what lists did it go out to?) but I suspect that this is one of those operations that's just going to be inherently racy, and that the API should guarantee to affect all tasks that are members of the group for the entirety of the operation, but with no guarantees about what happens to tasks that enter or leave in the meantime.

Paul

Containers mailing list
Containers@lists.linux-foundation.org
<https://lists.linux-foundation.org/mailman/listinfo/containers>
