Subject: Re: [RFC PATCH 5/5] Add a Signal Control Group Subsystem Posted by Cedric Le Goater on Wed, 23 Apr 2008 15:17:53 GMT

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> 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 > kernel/cgroup signal.c > 5 files changed, 170 insertions(+) I think there is a small race with new tasks entering the cgroup while it's beeing killed, and a _fork ops would handle that. nop? Thanks, C. Containers mailing list

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

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Containers@lists.linux-foundation.org

https://lists.linux-foundation.org/mailman/listinfo/containers

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 beeing 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

Subject: Re: [RFC PATCH 5/5] Add a Signal Control Group Subsystem Posted by Matt Helsley on Thu, 24 Apr 2008 07:00:27 GMT View Forum Message <> Reply to Message

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On Wed, 2008-04-23 at 08:37 -0700, Paul Menage wrote:
> 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.
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>>> ---
>> > include/linux/cgroup signal.h | 28 ++++++++
>> > include/linux/cgroup_subsys.h |
>> > init/Kconfig
                         1 6+
>> > kernel/Makefile
>> > kernel/cgroup_signal.c
```

>> > 5 files changed, 170 insertions(+)
>> >>
> I think there is a small race with new tasks entering the cgroup > while it's beeing killed, and a _fork ops would handle that. nop ? >>
> I never saw the actual patch (what lists did it go out to?) but I
Hi Paul,
Sorry about this. MTA issues again :(. I think I've gotten them fixed *this* time. I've resent them and you should have received your own copy this time. Please let me know if you still aren't receiving them.
Cheers, -Matt

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