Subject: Re: [PATCH 0/7] containers (V7): Generic Process Containers
Posted by serue on Tue, 20 Feb 2007 23:32:22 GMT

Quoting Paul Menage (menage@google.com):
> On 2/20/07, Eric W. Biederman <ebiederm@xmission.com> wrote:
> >All that is necessary to have a group of processes do something
> >in an unnamed fashion is to hang a pointer off of the task_struct.
> >That's easy.
>
> Right, adding a pointer to task_struct is easy. Configuring how/when
> to not directly inherit it from the parent, or to change it for a
> running task, or configuring state associated with the thing that the
> pointer is pointing to, naming that group, and determining which group
> a given process is assocaited with, is something that's effectively
> repeated boiler plate for each different subsystem, and which can be
> accomplished more generically via an abstraction like my containers
> patch.

Eric,

what you gain with this patchset is, one very simple container subsystem
can tie a container to a cpu, another can limit it's RSS, and suddenly
you can

 mount -t container -o ns,rss,cpuwhatever ns /container

And each virtual server you create by unsharing can get automatic cpu
and rss controls.

That is worthwhile imo.

-serge

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Containers mailing list
Containers@lists.osdl.org
https://lists.osdl.org/mailman/listinfo/containers