
Subject: Re: OLS paper topics

Posted by [Dhaval Giani](#) on Wed, 30 Jan 2008 10:43:36 GMT

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On Wed, Jan 30, 2008 at 02:28:13PM +0530, Balbir Singh wrote:

> Kir Kolyshkin wrote:

> > Serge E. Hallyn wrote:

> > > Quoting Kir Kolyshkin (kir@openvz.org):

> > >

> > > > Serge E. Hallyn wrote:

> > > >

> > > > > mini-summit:

> > > > > I will submit for a 1-day mini-summit. Some interesting

> > > > > remaining topics for the mini-summit would include device

> > > > > namespaces, ttys and syslog, and lots of checkpoint/restart.

> > > > >

> > > > > That's right, obviously the title of the mini-summit would be something

> > > > > like "Linux Kernel Containers".

> > > > >

> > > > >

> > > Attached is what I currently had for a proposal to send to the OLS

> > > committee. (Please feel free to edit and add to the wiki)

> > >

> > >

> > > Some people have made a few minor changes in the version at wiki. I

> > > guess no more major changes will be done. Here it is:

> > >

> > > == Topic ==

> > >

> > > Namespaces, containers, cgroups, and container checkpoint/restart.

> > >

> > > == Description ==

> > >

> > > Development for namespaces and cgroups is well underway in the

> > > mainline kernel. To keep momentum going and keep the loosely

> > > knit teams of developers well-coordinated, a physical meeting in

> > > which to discuss future development plans is needed.

> > > Additionally, we are at a point where crucial decisions about

> > > the nature of a "container object" and about the checkpoint/restart

> > > design need to be made.

> > >

> > > A final set of topics will be decided upon through mailing lists

> > > ahead of time, but potential topics include:

> > > * Handling filesystem/namespace synchronization

> > > * Handling of /proc and /sysfs within containers

> > > * Additional needed namespaces (i.e. device namespace)

> > > * Nature of a 'container' — kernel object or userspace fiction

> > > * Additional cgroups and their design

> > * How to initiate and synchronize checkpoint/restart
> > * How to enter a 'container' ?
> >
>
> Resource Management for containers?
>
> > == Moderators ==
> > {{Out|These are just suggestions, please edit here or let us know if you
> > do or do not want to moderate.}}
> >
> > * Namespaces/containers: Serge Hallyn, Cedric Le Goater
> > * cgroups: Paul Menage
> > * Checkpoint/restart: Dave Hansen, Cedric Le Goater
> >
>
> Resource Management? - I don't mind moderating that if it happens to be
> included in the summit or can we merge it with cgroups?
>

I don't mind helping out here. Could you add me to the list as well?

Thanks,

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regards,

Dhaval

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