
Subject: OLS Mini-Summit Proposal for Containers
Posted by [serue](#) on Thu, 31 Jan 2008 15:38:30 GMT
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== Title ==

Linux Kernel Containers Developer Summit

== Topic ==

Namespaces, containers, cgroups, resource management, 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/namespaces synchronization
- * Handling of /proc and /sysfs within containers
- * Additional needed namespaces (i.e. device namespace)
- * Nature of a 'container' -- kernel object or userspace fiction
- * Cgroup implementation
- * Additional cgroups and their design
- * Resource management
- * How to initiate and synchronize checkpoint/restart
- * How to enter a 'container'

== Moderators ==

- * Namespaces/containers: Serge Hallyn, Cedric Le Goater
- * Cgroups and resource management: Paul Menage, Balbir Singh
- * Checkpoint/restart: Dave Hansen, Cedric Le Goater

== Expected Time Required ==

One day.

== Number of Attendees ==

Approximately 30.

== Technical Requirements ==

- * Projector and screen
- * Whiteboard
- * Network access
- * Power for laptops
- * doughnuts and croissants for participants

Containers mailing list

Containers@lists.linux-foundation.org

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