
Subject: Re: containers development plans (July 10 version)
Posted by [Paul Menage](#) on Wed, 11 Jul 2007 06:06:42 GMT
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On 7/10/07, Serge E. Hallyn <serge@hallyn.com> wrote:

>
> A (still under construction) list of features we expect to be worked on
> next year looks like this:
> 4. task containers functionality
> specific containers

A couple of more container subsystem requests that have come out of the Linux Foundation Japan symposium, although I think they've also been mentioned before more than once - per-container swap and disk I/O scheduling.

I'm not familiar enough with the current Linux disk scheduler code to know how easy/hard it is to add rate guarantees on a per-container basis, but the swap one should be easier.

One potential issue with the swap container is how integrated should it be with the memory controller? I can certainly see people wanting to be able to use a swap controller without requiring a page-based memory controller (e.g. you might want to combine it with node-based control via cpusets instead) but adding two pointers to the mm_struct, one for swap controller subsystem and one for memory controller subsystem, seems a little bit ugly.

Paul
