Subject: Re: [ckrm-tech] [PATCH 3/7] Containers (V8): Add generic multi-subsystem API to containers
Posted by Paul Menage on Sat, 07 Apr 2007 01:58:15 GMT
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On 4/6/07, menage@google.com <menage@google.com> wrote:
> This patch removes all cpuset-specific knowlege from the container
> system, replacing it with a generic API that can be used by multiple
> subsystems. Cpusets is adapted to be a container subsystem.
>
> +
> +	/* Set of subsystem states, one for each subsystem. NULL for
> +	 * subsystems that aren't part of this hierarchy. These
> +	 * pointers reduce the number of dereferences required to get
> +	 * from a task to its state for a given container, but result
> +	 * in increased space usage if tasks are in wildly different
> +	 * groupings across different hierarchies. This array is
> +	 * mostly immutable after creation - a newly registered
> +	 * subsystem can result in a pointer in this array
> +	 * transitioning from NULL to non-NULL */
> +	struct container_subsys_state *subsys[CONTAINER_SUBSYS_COUNT];

Oops, this comment is rather out of date and should have been trimmed
for this patch. It should be disregarded apart from the first
sentence.

Paul