Subject: Re: [ckrm-tech] [patch00/05]: Containers(V2)- Introduction Posted by Chandra Seetharaman on Fri, 22 Sep 2006 00:57:22 GMT View Forum Message <> Reply to Message

On Thu, 2006-09-21 at 17:24 -0700, Paul Jackson wrote:
> Chandra wrote:
> > There are two (competing) memory controllers in the kernel. But, distro
> > can turn only one ON.
> Huh - time for me to play the dummy again
> Truit - time to me to play the duffiny again
 My (fog shrouded) vision of the future has: 1) mempolicy - provides fine grained memory placement for task on self 2) cpuset - provides system wide cpu and memory placement for unrelated tasks 3) some form of resource groups - measures and limits proportion of various resources used, including cpu cycles, memory pages and network bandwidth, by collections of tasks.k
> Both (2) and (3) need to group tasks in flexible ways distinct from the> existing task groupings supported by the kernel.
 I thought that Paul M suggested (2) and (3) use common underlying grouping or 'bucket' technology - the infrastructure that separates tasks into buckets and can be used to associate various resource metrics and limits with each bucket. I can't quite figure out whether you have in mind above:
> * a conflict between two competing memory controllers for (3),
Yes. > * or a conflict between cpusets and one memory controller for (3).
No.
> And either way, I don't see what that has to do with the underling> bucket technology - how we group tasks generically.
True. I clarified it in the reply to Paul M.
> Guess I am missing something
Chandra Seetharaman Be careful what you choose sekharan@us.ibm.com you may get it.