Subject: Re: [PATCH 0/2] resource control file system - aka containers on top of nsproxy!
Posted by Sam Vilain on Sat, 10 Mar 2007 08:52:35 GMT

Paul Jackson wrote:
>> But "namespace" has well-established historical semantics too - a way
>> of changing the mappings of local * to global objects. This
>> accurately describes things liek resource controllers, cpusets, resource
>> monitoring, etc.
>>
>
> No!
>
> Cpusets don't rename or change the mapping of objects.
>
> I suspect you seriously misunderstand cpusets and are trying to cram them
> into a 'namespace' remapping role into which they don't fit.
>

Look, you're absolutely right, I'm stretching the terms much too far.

namespaces implies some kind of domain, which is the namespace, and
entities within the domain, which are the names, and there is a (task,
domain) mapping. I was thinking that this implies all similar (task,
domain) mappings could be treated in the same way. But when you apply
this to something like cpusets, it gets a little abstract. Like the
entities are (task,cpu) pairs and the domains the set of cpus that a
process can run on.

Sam.

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