
Subject: Re: [patch -mm 08/17] nsproxy: add hashtable

Posted by [serue](#) on Tue, 12 Dec 2006 15:45:07 GMT

[View Forum Message](#) <> [Reply to Message](#)

Quoting Cedric Le Goater (clg@fr.ibm.com):

> Dave Hansen wrote:

> > On Mon, 2006-12-11 at 16:23 +0100, Cedric Le Goater wrote:

> >>> Even letting the concept of nsproxy escape to user space sounds wrong.

> >>> nsproxy is an internal space optimization. It's not struct container

> >>> and I don't think we want it to become that.

> >> i don't agree here. we need that, so does openvz, vserver, people working

> >> on resource management.

> >

> > I think what those projects need is some way to group tasks. I'm not

> > sure they actually need nsproxies.

>

> not only tasks. ipc, fs, etc.

>

> > Two tasks in the same container could very well have different

> > nsproxies. The nsproxy defines how the pid namespace, and pid<->task

> > mappings happen for a given task.

>

> not only. there are other namespaces in nsproxy.

Right, and as Eric has pointed out, you may well want to use one id to refer to several nsproxies - for instance if you are using unshare to provide per-user private mount namespaces using pam_namespace.so (that's mostly for LSPP systems right now, but I do this on my laptop too). All my accounts are in the same 'container', but have different mount namespaces, hence different nsproxies.

> > The init process for a container is

> > special and might actually appear in more than one pid namespace, while

> > its children might only appear in one. That means that this init

> > process's nsproxy can and should actually be different from its

> > children's. This is despite the fact that they are in the same

> > container.

> >

> > If we really need this 'container' grouping, it can easily be something

> > pointed to by the nsproxy, but it shouldn't be the nsproxy.

>

> ok so let's add a container object, containing a nsproxy and add

> another indirection ...

No thanks.

Containers mailing list

Containers@lists.osdl.org

