On 10/31/06, Pavel Emelianov <xemul@openvz.org> wrote:
>
> That's functionality user may want. I agree that some users
> may want to create some kind of "persistent" beancounters, but
> this must not be the only way to control them. I like the way
> TUN devices are done. Each has TUN_PERSIST flag controlling
> whether or not to destroy device right on closing. I think that
> we may have something similar - a flag BC_PERSISTENT to keep
> beancounters with zero refcounter in memory to reuse them.

How about the cpusets approach, where once a cpuset has no children
and no processes, a usermode helper can be executed - this could
immediately remove the container/bean-counter if that's what the user
wants. My generic containers patch copies this from cpusets.

>
> Moreover, I hope you agree that beancounters can't be made as
> module. If so user will have to built-in configfs, and thus
> CONFIG_CONFIGFS_FS essentially becomes "bool", not a "tristate".

How about a small custom filesystem as part of the containers support,
then? I'm not wedded to using configfs itself, but I do think that a
filesystem interface is much more debuggable and extensible than a
system call interface, and the simple filesystem is only a couple of
hundred lines.

Paul