Subject: Re: [RFC][PATCH 1/4] seed /proc root inode in proc_fill_super()
Posted by ebiederm on Sun, 28 Jan 2007 20:09:23 GMT

Dave Hansen <hansendc@us.ibm.com> writes:

> Here's a set of patches which I believe allows multiple
> instances of /proc to exist. We want these because it
> allows each pid_namespace to have a completely diffferent
> view of /proc.
>
> ---
>
> /proc currently has some special code to make sure
> that the root directory gets set up correctly. It
> uses the global proc_mnt variable in order to find
> its way to the root inode.
>
> In order to try to get multiple /proc mounts, I'm
> attempting to kill this variable. But, I noticed
> that we have all of the data to fill in the inode's
> pid in proc_fill_super(), where it takes a wee bit
> more work in proc_get_sb().
>
> Any reason not to just do it in proc_fill_super()?

Because we are using get_sb_single. So proc_fill_super
is only called once when proc_mnt is established.

Since proc_mnt is created before pid == 1 exists, ei->pid
on the root_inode is never filled in.

Once proc_mnt disappears we can make this change, but
it should definitely not come first in the patch set or
horrible things will happen to git-bisect users.

Eric
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Containers mailing list
Containers@lists.osdl.org
https://lists.osdl.org/mailman/listinfo/containers