
Subject: Re: [RFC][PATCH] Do not set /proc inode->pid for non-pid-related inodes
Posted by [serue](#) on Mon, 26 Mar 2007 18:36:13 GMT

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Quoting Eric W. Biederman (ebiederm@xmission.com):

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

>

> > On Mon, 2007-03-26 at 11:12 -0600, Eric W. Biederman wrote:

> >>

> >> > In (at least one version of) Dave's patches, the /proc your pidns is

> >> > automatically used when you use /proc. In that case a /proc should

> >> > just go away when the last task goes away, since noone else can use

> >> > that /proc.

> >>

> >> Unless I am rather confused that does extremely nasty things to

> >> the VFS dentry cache. Because a dentry can point at one process

> >> one minute and another process the next. It is doable but only

> >> at the cost of decreased performance.

> >

> > By using, I think Serge meant "mounting". We're going to statically

> > assign a /proc mount to a namespace when the mount is created, not fudge

> > it around at runtime.

>

> I think Serge misread that. He specifically talked about not having

> to remount /proc. Therefore I believe he understood it did something

> at runtime.

Yes, looks like I misread the code.

I thought a new sb was created automatically if needed. Going back I see this is only done at mount time.

> > How does this thrash the dcache?

>

> Fudging at runtime is horrible.

>

> Caching the pid_mnt in the pid_namespace appears fine, as long as

> we get the reference counting correct.

>

> Eric

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