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Subject: Re: [RFC][PATCH] Do not set /proc inode->pid for non-pid-related inodes  
Posted by [ebiederm](#) on Thu, 22 Mar 2007 15:10:28 GMT

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Cedric Le Goater <[clg@fr.ibm.com](mailto:clg@fr.ibm.com)> writes:

>> Back to the main subject I still don't understand the idea of running  
>> a kernel daemon as pid == 1. What would that buy us?  
>  
> mostly a child reaper when there are no /sbin/init but its pid cannot  
> be 1.

Yes we should be able to assign just about any process as the child\_reaper  
for the pid namespace. That is an entirely distinct concept in the kernel.  
Although we have to be careful we don't reap ourselves, so there are some  
subtle cases but it isn't a pid issue.

If this is just an application container it might make sense to have a  
kernel thread standing in for /sbin/init.

Basically the whole application container thing is something we need to  
revisit when we have the basic pid namespace implemented and before we  
finalize things, and remove the CONFIG\_EXPERIMENTAL tag.

Eric

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Containers mailing list  
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