
Subject: Re: [PATCH] Use task_pid_nr() instead of pid_nr(task_pid())

Posted by [akpm](#) on Fri, 05 Oct 2007 23:15:21 GMT

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On Wed, 03 Oct 2007 18:26:06 +0400

Pavel Emelyanov <xemul@openvz.org> wrote:

```
> There are two places that do so - the cgroups subsystem
> and the autofs code.
>
> Signed-off-by: Pavel Emelyanov <xemul@openvz.org>
>
> ---
>
> diff --git a/fs/autofs/root.c b/fs/autofs/root.c
> index 592f640..5efff3c 100644
> --- a/fs/autofs/root.c
> +++ b/fs/autofs/root.c
> @@ -214,7 +214,7 @@ static struct dentry *autofs_root_lookup
>
>  oz_mode = autofs_oz_mode(sbi);
>  DPRINTK(("autofs_lookup: pid = %u, pgrp = %u, catatonic = %d, "
> -  "oz_mode = %d\n", pid_nr(task_pid(current)),
> +  "oz_mode = %d\n", task_pid_nr(current),
>   task_pgrp_nr(current), sbi->catatonic,
>   oz_mode));
>
> diff --git a/kernel/cgroup.c b/kernel/cgroup.c
> index 1e8aa53..8720881 100644
> --- a/kernel/cgroup.c
> +++ b/kernel/cgroup.c
> @@ -1762,7 +1762,7 @@ static int pid_array_load(pid_t *pidarra
>  while ((tsk = cgroup_iter_next(cont, &it)) {
>    if (unlikely(n == npids))
>      break;
> -  pidarray[n++] = pid_nr(task_pid(tsk));
> +  pidarray[n++] = task_pid_nr(tsk);
>  }
>  cgroup_iter_end(cont, &it);
>  return n;
```

And more will appear over time unless we remove pid_nr() altogether.

Can we do that?
