
Subject: Re: [PATCH 3/3] Replace pid_t in autofs4 with struct pid reference.
Posted by [ebiederm](#) on Fri, 09 Mar 2007 17:37:59 GMT
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sukadev@us.ibm.com writes:

```
> Index: lx26-20-mm2c/fs/autofs4/waitq.c
> =====
> --- lx26-20-mm2c.orig/fs/autofs4/waitq.c 2007-02-28 14:48:35.000000000 -0800
> +++ lx26-20-mm2c/fs/autofs4/waitq.c 2007-02-28 15:47:21.000000000 -0800
> @@ -296,8 +296,8 @@ int autofs4_wait(struct autofs_sb_info *
>  wq->ino = autofs4_get_ino(sbi);
>  wq->uid = current->uid;
>  wq->gid = current->gid;
> - wq->pid = current->pid;
> - wq->tgid = current->tgid;
> + wq->pid = pid_nr(task_pid(current));
> + wq->tgid = pid_nr(task_tgid(current));
>  wq->status = -EINTR; /* Status return if interrupted */
>  atomic_set(&wq->wait_ctr, 2);
>  mutex_unlock(&sbi->wq_mutex);
```

I don't quite follow all of the waitq logic but it looks like these values are cached in the kernel and then eventually passed to a user space daemon.

Which looks to me like the wait queue should have a struct pid * and we should call pid_nr in the daemon process context. Otherwise the daemon might see the wrong pid values.

So I think autofs4 needs some more work.

Eric

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