Subject: Re: [PATCH] namespaces: uts_ns: make information visible
via /proc/PID/uts directory
Posted by Sam Vilain on Mon, 22 May 2006 23:07:00 GMT
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Alan Cox wrote:

>On Llu, 2006-05-22 at 17:24 +1200, Sam Vilain wrote:
>
>
>>From: Sam Vilain <sam.vilain@catalyst.net.nz>
>>
>>Export the UTS information to a per-process directory /proc/PID/uts,
>>that has individual nodes for hostname, ostype, etc - similar to
>>those in /proc/sys/kernel
>>
>>
>
>Can you explain the locking being used here against the name being
>changed at the same moment ?
>

Is this a test?  :-)

Let's see, get_task_pid locks the task struct (so that it doesn't go
away while we're de-referencing the nsproxy and uts_ns etc), and the
kobj references are assumed to be enough to avoid the references
dropping away in the meantime.

I didn't grab uts_sem.  That semaphore could be made per-uts_ns, in
theory.  Whether anyone cares about contention that much is another
question.

I intended this to be exploratory, it wasn't really mergable.  Should
have added an [RFC] tag, sorry about that.

Sam.