Subject: Re: [PATCH] namespaces: uts_ns: make information visible via /proc/PID/uts directory
Posted by ebiederm on Mon, 22 May 2006 16:39:08 GMT
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Sam Vilain <sam@vilain.net> writes:

> 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
>
> This duplicates the approach used for /proc/PID/attr, which involves a
> lot of duplication of similar functions.  Much room for maintenance
> optimisation of both implementations remains.
> ---
> Sorry for the duplication of this to the list, stuffed up the stgit
> command.
>
> After doing this I noticed that the whole way this is done via sysctls
> in /proc/sys is much, much nicer.  I was going there to make
> /proc/sys/kernel/osname -> /proc/self/uts/sysname (etc), but it seems
> that symlinks from /proc/sys are not a done thing.
>
> Is there an argument here perhaps for some integration between the way
> this is done for /proc/sys and /proc/PID/xxx ?
>
>  fs/proc/base.c |  236 +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
>  1 files changed, 236 insertions(+), 0 deletions(-)

Good intentions :)
But since this doesn't actually fix /proc/sys/kernel/osname and friends.
I would call this implementation a failure.

Let's first fix /proc/sys/kernel/osname to be sensitive to the caller,
and then see if we can make /proc/sys a symlink to /proc/<pid>/sys


Eric