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Subject: Re: [PATCH 3/3] proc: make UTS-related sysctls utsns aware  
Posted by [Dave Hansen](#) on Wed, 24 May 2006 18:02:57 GMT  
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On Tue, 2006-05-23 at 13:23 +1200, Sam Vilain wrote:

```
>
> + /* map the filename to the pointer. perhaps it would be
> better
> + to put struct offset pointers in table->data ? */
> + switch (filp->f_dentry->d_name.name[3]) {
> +     case 'y': /* ostype */
> +         which = uts_ns->name.sysname;
> +         break;
> +     case 't': /* hostname */
> +         which = uts_ns->name.nodename;
> +         break;
> +     case 'e': /* release */
> +         which = uts_ns->name.release;
> +         break;
> +     case 's': /* version */
> +         which = uts_ns->name.version;
> +         break;
> +     case 'x': /* XXX - unreachable */
> +         which = uts_ns->name.machine;
> +         break;
> +     case 'a': /* domainname */
> +         which = uts_ns->name.domainname;
> +         break;
> +     default:
> +         printk("procfs: impossible uts part '%s'",
> +             (char*)filp->f_dentry->d_name.name);
> +         r = -EINVAL;
> +         goto out;
> + }
```

Why not just switch on the ->ctl\_name from the table? Wouldn't that be easier?

-- Dave

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