
Subject: Re: [PATCH] Fix linux banner utsname information
Posted by [Herbert Poetzl](#) on Tue, 05 Dec 2006 17:24:09 GMT
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On Mon, Dec 04, 2006 at 11:32:48PM +0100, Herbert Poetzl wrote:

>
> utsname information is shown in the linux banner, which
> also is used for /proc/version (which can have different
> utsname values inside a uts namespaces). this patch
> makes the varying data arguments and changes the string
> to a format string, using those arguments.

>
> best,
> Herbert

d'oh! just figured I lost the two new includes required
in main.c, will send an updated version shortly

best,
Herbert

> Signed-off-by: Herbert Poetzl <herbert@13thfloor.at>
>
> --- linux-2.6.19/fs/proc/proc_misc.c 2006-11-30 21:19:28 +0100
> +++ linux-2.6.19/fs/proc/proc_misc.c 2006-12-04 07:16:28 +0100
> @@ -252,8 +252,8 @@ static int version_read_proc(char *page,
> {
> int len;
>
> - strcpy(page, linux_banner);
> - len = strlen(page);
> + len = sprintf(page, linux_banner,
> + utsname()->release, utsname()->version);
> return proc_calc_metrics(page, start, off, count, eof, len);
> }
>
> --- linux-2.6.19/init/main.c 2006-11-30 21:19:43 +0100
> +++ linux-2.6.19/init/main.c 2006-12-04 07:18:44 +0100
> @@ -501,7 +501,7 @@ asmlinkage void __init start_kernel(void
> boot_cpu_init();
> page_address_init();
> printk(KERN_NOTICE);
> - printk(linux_banner);
> + printk(linux_banner, UTS_RELEASE, UTS_VERSION);
> setup_arch(&command_line);
> unwind_setup();
> setup_per_cpu_areas();
> --- linux-2.6.19/init/version.c 2006-11-30 21:19:43 +0100

```
> +++ linux-2.6.19/init/version.c 2006-12-04 07:14:19 +0100
> @@ -35,5 +35,6 @@ struct uts_namespace init_uts_ns = {
> EXPORT_SYMBOL_GPL(init_uts_ns);
>
> const char linux_banner[] =
> - "Linux version " UTS_RELEASE " (" LINUX_COMPILE_BY "@"
> - LINUX_COMPILE_HOST ") (" LINUX_COMPILER ") " UTS_VERSION "\n";
> + "Linux version %s (" LINUX_COMPILE_BY "@"
> + LINUX_COMPILE_HOST ") (" LINUX_COMPILER ") %s\n";
> +
> -
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