Subject: Re: [PATCH] Use helpers to obtain task pid in printks (arch code)
Posted by Joe Perches on Mon, 27 Aug 2007 18:01:48 GMT
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On Mon, 2007-08-27 at 11:30 +0400, Pavel Emelyanov wrote:
> From: Alexey Dobriyan <adobriyan@openvz.org>
>
> One of the easiest things to isolate is the pid printed in kernel
> log. There was a patch, that made this for arch-independent code,
> this one makes so for arch/xxx files.

Perhaps it would be worthwhile to standardize the printk
task information content? Maybe a format knob?

Maybe TASK_FMT/TASK_ARG(task)

```
#define TASK_FMT "%s"
#define TASK_ARG(tsk) ({char __buf[MAX_TASK_INFO]; print_task(tsk, buf, sizeof(__buf));
__buf})

char* print_task(const struct task_struct* tsk, char* buf, size_t size)
{
 char* p = buf;
 int task_knob = get_task_knob();
 *p++ = '[';
 if (task_knob & feature)
  p += snprintf(p, size - (p - buf), fmt, feature);
 [...]
 *p++ = ']';
 return buf;
}
EXPORT_SYMBOL(print_task)
```

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