
Subject: [PATCH 11/12] mips: use find_task_by_vpid in system calls

Posted by [Pavel Emelianov](#) on Tue, 29 Jan 2008 14:06:32 GMT

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There are some places left in mips, that lookup task in initial namespace, while the code doing so gets the pid from the user space and thus must treat it as virtual.

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```
arch/mips/kernel/mips-mt-fpaff.c | 2 +-
arch/mips/kernel/sysirix.c       | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)
```

```
diff --git a/arch/mips/kernel/mips-mt-fpaff.c b/arch/mips/kernel/mips-mt-fpaff.c
```

```
index bb4f00c..df4d3f2 100644
```

```
--- a/arch/mips/kernel/mips-mt-fpaff.c
```

```
+++ b/arch/mips/kernel/mips-mt-fpaff.c
```

```
@@ -36,7 +36,7 @@ unsigned long mt_fpemul_threshold = 0;
```

```
*/
```

```
static inline struct task_struct *find_process_by_pid(pid_t pid)
```

```
{
```

```
- return pid ? find_task_by_pid(pid) : current;
```

```
+ return pid ? find_task_by_vpid(pid) : current;
```

```
}
```

```
diff --git a/arch/mips/kernel/sysirix.c b/arch/mips/kernel/sysirix.c
```

```
index 672fba8..c357762 100644
```

```
--- a/arch/mips/kernel/sysirix.c
```

```
+++ b/arch/mips/kernel/sysirix.c
```

```
@@ -111,7 +111,7 @@ asmlinkage int irix_prctl(unsigned option, ...)
```

```
    printk("irix_prctl[%s:%d]: Wants PR_ISBLOCKED\n",
```

```
           current->comm, current->pid);
```

```
    read_lock(&tasklist_lock);
```

```
- task = find_task_by_pid(va_arg(args, pid_t));
```

```
+ task = find_task_by_vpid(va_arg(args, pid_t));
```

```
    error = -ESRCH;
```

```
    if (error)
```

```
        error = (task->run_list.next != NULL);
```

```
--
```

1.5.3.4
