
Subject: [PATCH] macintosh/therm_windtunnel.c: Convert to kthread API.

Posted by [ebiederm](#) on Thu, 19 Apr 2007 07:58:48 GMT

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From: Eric W. Biederman <ebiederm@xmission.com>

Start the g4fand using kthread_run not a combination of kernel_thread and daemonize. This makes the code a little simpler and more maintainable.

Cc: Benjamin Herrenschmidt <benh@kernel.crashing.org>

Signed-off-by: Eric W. Biederman <ebiederm@xmission.com>

drivers/macintosh/therm_windtunnel.c | 5 ++---

1 files changed, 2 insertions(+), 3 deletions(-)

diff --git a/drivers/macintosh/therm_windtunnel.c b/drivers/macintosh/therm_windtunnel.c
index a1d3a98..5d888e7 100644

--- a/drivers/macintosh/therm_windtunnel.c

+++ b/drivers/macintosh/therm_windtunnel.c

@@ -36,6 +36,7 @@

#include <linux/i2c.h>

#include <linux/slab.h>

#include <linux/init.h>

+#include <linux/kthread.h>

#include <asm/prom.h>

#include <asm/machdep.h>

@@ -62,7 +63,6 @@ I2C_CLIENT_INSMOD;

static struct {

volatile int running;

struct completion completion;

- pid_t poll_task;

struct semaphore lock;

struct of_device *of_dev;

@@ -285,7 +285,6 @@ restore_regs(void)

static int

control_loop(void *dummy)

{

- daemonize("g4fand");

down(&x.lock);

setup_hardware();

@@ -323,7 +322,7 @@ do_attach(struct i2c_adapter *adapter)

if(x.thermostat && x.fan) {

x.running = 1;

init_completion(&x.completion);

```
- x.poll_task = kernel_thread( control_loop, NULL, SIGCHLD | CLONE_KERNEL );
+ kthread_run( control_loop, NULL, "g4fand");
  }
}
return ret;
--
1.5.0.g53756
```

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