
Subject: [PATCH] cpqphp: Convert to use the kthread API

Posted by [ebiederm](#) on Thu, 19 Apr 2007 07:58:36 GMT

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

This patch changes cpqphp to use kthread_run and not kernel_thread and daemonize to startup and setup the cpqphp thread.

Cc: Greg Kroah-Hartman <gregkh@suse.de>

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

drivers/pci/hotplug/cpqphp_ctrl.c | 12 ++++-----

1 files changed, 4 insertions(+), 8 deletions(-)

diff --git a/drivers/pci/hotplug/cpqphp_ctrl.c b/drivers/pci/hotplug/cpqphp_ctrl.c

index 79ff6b4..c2c06c4 100644

--- a/drivers/pci/hotplug/cpqphp_ctrl.c

+++ b/drivers/pci/hotplug/cpqphp_ctrl.c

@@ -37,6 +37,7 @@

#include <linux/smp_lock.h>

#include <linux/pci.h>

#include <linux/pci_hotplug.h>

+#include <linux/kthread.h>

#include "cpqphp.h"

static u32 configure_new_device(struct controller* ctrl, struct pci_func *func,

@@ -1746,10 +1747,6 @@ static void pushbutton_helper_thread(unsigned long data)

static int event_thread(void* data)

{

struct controller *ctrl;

- lock_kernel();

- daemonize("phpd_event");

-

- unlock_kernel();

while (1) {

dbg("!!!!event_thread sleeping\n");

@@ -1771,7 +1768,7 @@ static int event_thread(void* data)

int cpqphp_event_start_thread(void)

{

- int pid;

+ struct task_struct *task;

/* initialize our semaphores */

init_MUTEX(&delay_sem);

```
@@ -1779,12 +1776,11 @@ int cpqhp_event_start_thread(void)
    init_MUTEX_LOCKED(&event_exit);
    event_finished=0;

- pid = kernel_thread(event_thread, NULL, 0);
- if (pid < 0) {
+ task = kthread_run(event_thread, NULL, "phpd_event");
+ if (IS_ERR(task)) {
    err ("Can't start up our event thread\n");
    return -1;
    }
- dbg("Our event thread pid = %d\n", pid);
- return 0;
- }

--
1.5.0.g53756
```

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