

---

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

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

[View Forum Message](#) <> [Reply to Message](#)

---

From: Eric W. Biederman <[ebiederm@xmission.com](mailto: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](mailto:gregkh@suse.de)>

Signed-off-by: Eric W. Biederman <[ebiederm@xmission.com](mailto: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 cpqhp_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

---

Containers mailing list  
Containers@lists.linux-foundation.org  
<https://lists.linux-foundation.org/mailman/listinfo/containers>

---