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

Posted by [ebiederm](#) on Thu, 19 Apr 2007 06:55:45 GMT

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From: Eric W. Biederman <[ebiederm@xmission.com](mailto:ebiederm@xmission.com)> - unquoted

This patch modifies the startup of the media\_bay\_task  
to use kthread\_run and not a combination of kernel\_thread,  
deamonize and sigfillset.

In addition since we now always want to ignore signals  
the MB\_IGNORE\_SIGNALS define is removed along with the  
test for signal\_pending.

The result is slightly simpler code that is more  
maintainable.

Cc: Benjamin Herrenschmidt <[benh@kernel.crashing.org](mailto:benh@kernel.crashing.org)>

Cc: Paul Mackerras <[paulus@samba.org](mailto:paulus@samba.org)>

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

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drivers/macintosh/mediabay.c | 11 +-----  
1 files changed, 2 insertions(+), 9 deletions(-)

```
diff --git a/drivers/macintosh/mediabay.c b/drivers/macintosh/mediabay.c
index c803d2b..90c853e 100644
--- a/drivers/macintosh/mediabay.c
+++ b/drivers/macintosh/mediabay.c
@@ -20,6 +20,7 @@
 #include <linux/stddef.h>
 #include <linux/init.h>
 #include <linux/ide.h>
+#include <linux/kthread.h>
 #include <asm/prom.h>
 #include <asm/pgtable.h>
 #include <asm/io.h>
@@ -35,7 +36,6 @@
```

```
#define MB_DEBUG
-#define MB_IGNORE_SIGNALS

#ifndef MB_DEBUG
#define MBDBG(fmt, arg...) printk(KERN_INFO fmt , ## arg)
@@ -622,11 +622,6 @@ static int media_bay_task(void *x)
{
    int i;
```

```

- strcpy(current->comm, "media-bay");
-#ifdef MB_IGNORE_SIGNALS
- sigfillset(&current->blocked);
#endif
-
for (;;) {
    for (i = 0; i < media_bay_count; ++i) {
        down(&media_bays[i].lock);
@@ @ -636,8 +631,6 @@ static int media_bay_task(void *x)
}

msleep_interruptible(MB_POLL_DELAY);
- if (signal_pending(current))
- return 0;
}
}

@@ @ -699,7 +692,7 @@ static int __devinit media_bay_attach(struct macio_dev *mdev, const
struct of_de

/* Startup kernel thread */
if (i == 0)
- kernel_thread(media_bay_task, NULL, CLONE_KERNEL);
+ kthread_run(media_bay_task, NULL, "media-bay");

return 0;

--
```

1.5.0.g53756

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

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