
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> - unquoted

This patch modifies the startup of the media_bay_task to use kthread_run and not a combination of kernel_thread, daemonize 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.

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Cc: Paul Mackerras <paulus@samba.org>

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

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

#ifdef 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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