
Subject: [PATCH] bluetooth cmtplib: Convert to use kthread API.

Posted by [ebiederm](#) on Thu, 19 Apr 2007 06:55:47 GMT

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

This patch modifies the `kcmtplib_ctr_%d` daemon using `kthread_run` instead of a combination of `kernel_thread` and `daemonize` making the code a little simpler and more maintainable.

Cc: Marcel Holtmann <marcel@holtmann.org>

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

```
net/bluetooth/cmtplib/core.c | 8 ++++++---
1 files changed, 5 insertions(+), 3 deletions(-)
```

```
diff --git a/net/bluetooth/cmtplib/core.c b/net/bluetooth/cmtplib/core.c
```

```
index e1b9db9..993303f 100644
```

```
--- a/net/bluetooth/cmtplib/core.c
```

```
+++ b/net/bluetooth/cmtplib/core.c
```

```
@@ -35,6 +35,7 @@
```

```
#include <linux/file.h>
```

```
#include <linux/init.h>
```

```
#include <linux/freezer.h>
```

```
+#include <linux/kthread.h>
```

```
#include <net/sock.h>
```

```
#include <linux/isdn/capilli.h>
```

```
@@ -286,7 +287,6 @@ static int cmtplib_session(void *arg)
```

```
BT_DBG("session %p", session);
```

```
- daemonize("kcmtplib_ctr_%d", session->num);
```

```
set_user_nice(current, -15);
```

```
init_waitqueue_entry(&wait, current);
```

```
@@ -329,6 +329,7 @@ static int cmtplib_session(void *arg)
```

```
int cmtplib_add_connection(struct cmtplib_connadd_req *req, struct socket *sock)
```

```
{
```

```
struct cmtplib_session *session, *s;
```

```
+ struct task_struct *task;
```

```
bdaddr_t src, dst;
```

```
int i, err;
```

```
@@ -375,8 +376,9 @@ int cmtplib_add_connection(struct cmtplib_connadd_req *req, struct socket *sock)
```

```
__cmtplib_link_session(session);
```

```
- err = kernel_thread(cmtplib_session, session, CLONE_KERNEL);
- if (err < 0)
+ task = kthread_run(cmtplib_session, session, "kcmtplib_ctr_%d", session->num);
+ err = PTR_ERR(task);
+ if (IS_ERR(task))
    goto unlink;

    if (!(session->flags & (1 << CMTP_LOOPBACK))) {
--
1.5.0.g53756
```

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