

Re: Telecom Clock driver for MPCBL0010 ATCA compute blade.

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2005-08/7720.html>

From: Jesper Juhl (jesper.juhl_at_gmail.com)

Date: 08/30/05

Date: Tue, 30 Aug 2005 23:19:43 +0200

To: Mark Gross <mgross@linux.intel.com>

On 8/30/05, Mark Gross <mgross@linux.intel.com> wrote:

> *On Tuesday 30 August 2005 13:31, Mark Gross wrote:*

> > *On Tuesday 30 August 2005 12:16, Marcelo Tosatti wrote:*

> > >

> > > *Mark,*

> > >

> > > *Please fix indentation accordingly to CodingStyle and repost, it*

> > > *looks quite ugly at the moment.*

> > >

> > *Sorry about that.*

> >

>

> *My email client is f-ing with me. See attached.*

>

ok, a few small comments :

+/* sysFS interface definition:

Isn't it just called "sysfs" without the caps?

+Upon loading the driver will create a sysfs directory under class/misc/tlclk.

s/Upon/Upon/

+This directory exports the following interfaces. There operation is documented

Line is longer than 80 chars – there are a few more such long lines, not going to point them all out, just one example. Ohh, and "operation" should be "operation".

+All sysfs interaces are integers in hex format, i.e echo 99 > refalign

s/interaces/interfaces/

Linux-Kernel: Re: Telecom Clock driver for MPCBL0010 ATCA compute blade.

```
+#if CONFIG_DEBUG_KERNEL
```

I believe this should be "#ifdef CONFIG_DEBUG_KERNEL" or "#if defined(CONFIG_DEBUG_KERNEL)" or you'll run afoul of the -Wundef crowd.

```
+ int ret_val = 0;
```

There seems to be a preference for the name "retval" in the kernel source.

```
+ val = (unsigned char)arg;
```

That cast looks pointless.

```
+tclk_read(struct file * filp, char __user * buf, size_t count, loff_t * f_pos)
```

```
tclk_read(struct file *filp, char __user *buf, size_t count, loff_t *f_pos)
```

"*" next to the variable name is generally the preferred coding style (several cases of this, only pointing out one).

```
+ val = (unsigned char)tmp;
```

pointless cast. Do take a look at all your casts and check if they are really needed and remove them if not.

```
+ * This is also the probe operation to avoid driver use on
```

```
s/opperation/operation/
```

```
+/* switchover_timer.function = switchover_timeout; */
```

```
+/* switchover_timer.data = 0; */
```

Why submit a driver with commented out code? If this is not supposed to be there, then just remove it. If it needs to be added later, then submit a patch later to add it.

Some people may disagree with me here, but that's my opinion.

```
+ out3:
```

labels belong at column 0 (zero).

```
--
```

Jesper Juhl <jesper.juhl@gmail.com>

Don't top-post <http://www.catb.org/~esr/jargon/html/T/top-post.html>

Plain text mails only, please <http://www.expita.com/nomime.html>

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-
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