

Re: [PATCH][RESEND] New type of DTV2000H TV Card

Re: [PATCH][RESEND] New type of DTV2000H TV Card

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2008-06/msg11649.html>

- *From:* Mauro Carvalho Chehab <mchehab@xxxxxxxxxxxxxx>
 - *Date:* Sun, 29 Jun 2008 09:13:33 -0300
-

On Sat, 28 Jun 2008 19:56:37 +0200

Zbynek Hrabovsky <hrabosh@xxxxxxxxxxx> wrote:

Hi Nicolas,

so I should install git and run these commands, or .. ? I'm really confuzzled.

But I had installed GPG and signed my patch, maybe this is what I should have done earlier.
My key ID is: 7803B3E1

We don't need a GPG signature. All we need is a "Signed-off-by".

Please take a look at:

<http://linuxtv.org/hg/v4l-dvb/raw-file/tip/README.patches>

There are a quick explanation there on how we generally receive V4L/DVB patches. It also points to some docs at kernel Documentation, with the current rules for SubmittingPatches.

Cheers,
Mauro.

If you guys want me somethink more to do, write me ... I'll do my best.

Thanx for your time

Zbynek

On Fri, 20 Jun 2008 22:52:02 +0200

"Nicolas Marot" <nicolas.marot@xxxxxxxxxxx> wrote:

Re: [PATCH][RESEND] New type of DTV2000H TV Card

Re: [PATCH][RESEND] New type of DTV2000H TV Card

Hi Zbynek,

I think lines Mauro asks us are some git commands on driver source code

nicolas

On Fri, Jun 20, 2008 at 11:52 PM, Zbynek Hrabovsky

<hrabosh@xxxxxxxxxxx>

wrote:

Hi Mauro,

thanks for your answer.

I've tried to apply the updated patch you've sent me and it is working, but

....

... there is a little problem with this:

```
--- a/linux/drivers/media/video/cx88/cx88-mpeg.c Tue Jun 10 15:27:29
```

```
2008 -0300
```

```
+++ b/linux/drivers/media/video/cx88/cx88-mpeg.c Fri Jun 13 15:07:34
```

```
2008 -0300
```

```
@@ -148,6 +148,12 @@
```

```
cx_write(TS_SOP_STAT, 0);
```

```
cx_write(TS_VALERR_CNTRL, 0);
```

```
udelay(100);
```

```
+ break;
```

```
+ case CX88_BOARD_WINFAST_DTV2000H_2:
```

```
+ /* switch signal input to antenna */
```

```
+ cx_write(MO_GP0_IO, 0x00017300);
```

```
+
```

```
+ cx_write(TS_SOP_STAT, 0x00);
```

```
break;
```

```
default:
```

```
cx_write(TS_SOP_STAT, 0x00);
```

This piece of code used to switch the input of RF signal to "Air Antenna"

mode. When I was writing the patch, this code was executed every time I was

tunning DVB-T station. (using Kaffeine, or sth.) But now (I don't know why

...) this code is ran only if the station is succesfully tuned ... which is

Re: [PATCH][RESEND] New type of DTV2000H TV Card

late for switching RF input.

So ... all the things about sound in analog TV and video inputs, etc. are working well, but switching between Cable and Air Antenna RF inputs must be done using programs for analog TV ... such as TvTime for example.

It would be nice, if this patch (and driver) would be able to switch RF inputs in DVB-T mode somehow. My idea is, to have two DVB-T devices ... one would use Air Antenna input as a source of signal, second the Cable input as source of signal. This will provide us to receive DVB-T from both inputs (BTW ... original Windows driver is not able to do this). The problem is, that I'm not sure if I'm able to do it ... I have very poor idea how all the things around this driver works ...for example which c. file I should focus on. If you would give me a small piece of advise, where to start, I would be pleased.

OK, I'm not sure if I understood what you meant by adding sign-off-by and reviewed-by line ... I hope I did what you want me to:

So .. thanks for your time,
Zbynek

Signed-off-by: Zbynek Hrabovsky
<hrabosh@xxxxxxxxxxx>

Reviewed-by: Zbynek Hrbaovsky <hrabosh@xxxxxxxxxxx>

```
diff -r 04ddbe145932
linux/drivers/media/video/cx88/cx88-cards.c
--- a/linux/drivers/media/video/cx88/cx88-cards.c Tue Jun
10 15:27:29
2008 -0300
+++ b/linux/drivers/media/video/cx88/cx88-cards.c Fri Jun
13 15:07:33
2008 -0300
@@ -1284,7 +1284,7 @@
},
[CX88_BOARD_WINFAST_DTV2000H] = {
```

Re: [PATCH][RESEND] New type of DTV2000H TV Card

```
/* video inputs and radio still in testing */
- .name = "WinFast DTV2000 H",
+ .name = "WinFast DTV2000 H ver. I (old)",
.tuner_type = TUNER_PHILIPS_FMD1216ME_MK3,
.radio_type = UNSET,
.tuner_addr = ADDR_UNSET,
@@ -1298,6 +1298,45 @@
.gpio2 = 0x00017304,
.gpio3 = 0x02000000,
}},
+ .mpeg = CX88_MPEG_DVB,
+ },
+ [CX88_BOARD_WINFASST_DTV2000H_2] = {
+ /* this is just a try */
+ .name = "WinFast DTV2000 H ver. J (new)",
+ .tuner_type = TUNER_PHILIPS_FMD1216ME_MK3,
+ .radio_type = UNSET,
+ .tuner_addr = ADDR_UNSET,
+ .radio_addr = ADDR_UNSET,
+ .tda9887_conf = TDA9887_PRESENT,
+ .input = { {
+ .type = CX88_VMUX_TELEVISION,
+ .vmux = 0,
+ .gpio0 = 0x00017300,
+ .gpio1 = 0x00008207,
+ .gpio2 = 0x00000000,
+ .gpio3 = 0x02000000,
+ }, {
+ .type = CX88_VMUX_TELEVISION,
+ .vmux = 0,
+ .gpio0 = 0x00018300,
+ .gpio1 = 0x0000f207,
+ .gpio2 = 0x00017304,
+ .gpio3 = 0x02000000,
+ }, {
+ .type = CX88_VMUX_COMPOSITE1,
+ .vmux = 1,
+ .gpio0 = 0x00018301,
+ .gpio1 = 0x0000f207,
+ .gpio2 = 0x00017304,
+ .gpio3 = 0x02000000,
+ }, {
+ .type = CX88_VMUX_SVIDEO,
+ .vmux = 2,
+ .gpio0 = 0x00018301,
+ .gpio1 = 0x0000f207,
+ .gpio2 = 0x00017304,
+ .gpio3 = 0x02000000,
+ } }},
+ .mpeg = CX88_MPEG_DVB,
+ },
```

Re: [PATCH][RESEND] New type of DTV2000H TV Card

```
[CX88_BOARD_GENIATECH_DVBS] = {
@@ -1963,6 +2002,10 @@
.subdevice = 0x665e,
.card = CX88_BOARD_WINFAST_DTV2000H,
},{
+ .subvendor = 0x107d,
+ .subdevice = 0x6f2b,
+ .card = CX88_BOARD_WINFAST_DTV2000H_2,
+ }, {
.subvendor = 0x18ac,
.subdevice = 0xd800, /* FusionHDTV 3 Gold (original
revision) */
.card =
CX88_BOARD_DVICO_FUSIONHDTV_3_GOLD_Q,
diff -r 04ddbe145932
linux/drivers/media/video/cx88/cx88-dvb.c
--- a/linux/drivers/media/video/cx88/cx88-dvb.c Tue Jun
10 15:27:29 2008
-0300
+++ b/linux/drivers/media/video/cx88/cx88-dvb.c Fri Jun 13
15:07:34 2008
-0300
@@ -561,6 +561,7 @@
}
break;
case CX88_BOARD_WINFAST_DTV2000H:
+ case CX88_BOARD_WINFAST_DTV2000H_2:
case CX88_BOARD_HAUPPAUGE_HVR1100:
case CX88_BOARD_HAUPPAUGE_HVR1100LP:
case CX88_BOARD_HAUPPAUGE_HVR1300:
diff -r 04ddbe145932
linux/drivers/media/video/cx88/cx88-input.c
--- a/linux/drivers/media/video/cx88/cx88-input.c Tue Jun
10 15:27:29
2008 -0300
+++ b/linux/drivers/media/video/cx88/cx88-input.c Fri Jun
13 15:07:34
2008 -0300
@@ -242,6 +242,7 @@
ir->sampling = 1;
break;
case CX88_BOARD_WINFAST_DTV2000H:
+ case CX88_BOARD_WINFAST_DTV2000H_2:
ir_codes = ir_codes_winfast;
ir->gpio_addr = MO_GPO_IO;
ir->mask_keycode = 0x8f8;

diff -r 04ddbe145932 linux/drivers/media/video/cx88/cx88.h
--- a/linux/drivers/media/video/cx88/cx88.h Tue Jun 10
15:27:29 2008
-0300
```

Re: [PATCH][RESEND] New type of DTV2000H TV Card

Re: [PATCH][RESEND] New type of DTV2000H TV Card

```
+++ b/linux/drivers/media/video/cx88/cx88.h Fri Jun 13
15:07:34 2008
-0300
@@ -224,6 +224,7 @@
#define CX88_BOARD_DVICO_FUSIONHDTV_7_GOLD
65
#define CX88_BOARD_PROLINK_PV_8000GT 66
#define CX88_BOARD_KWORLD_ATSC_120 67
+#define CX88_BOARD_WINFAST_DTV2000H_2 68

enum cx88_itype {
CX88_VMUX_COMPOSITE1 = 1,
```

Cheers,
Mauro

—

To unsubscribe from this list: send the line "unsubscribe linux-kernel" in
the body of a message to majordomo@xxxxxxxxxxxxxxxxxxx
More majordomo info at <http://vger.kernel.org/majordomo-info.html>
Please read the FAQ at <http://www.tux.org/lkml/>