

Packages - Bug #877

[linux-libre] touchscreen of Chromebook Pixel 2013 doesn't work

2015-11-29 03:44 PM - mytbk

Status: fixed	% Done: 100%
Priority: bug	
Assignee:	
Category:	
Description	
<p>The touchscreen and touchpad of CrBP 2013 works in Trisquel, which uses Linux-libre 3.13, but they don't work with the deblobbed mainline kernel.</p> <p>It works if changing <code>reject_firmware_nowait</code> to <code>request_firmware_nowait</code> in <code>atmel_mxt_ts.c</code>, and I think the kernel is still libre after this change:</p> <pre>diff --git a/drivers/input/touchscreen/atmel_mxt_ts.c b/drivers/input/touchscreen/atmel_mxt_ts.c index e4220f2..b81f621 100644 --- a/drivers/input/touchscreen/atmel_mxt_ts.c +++ b/drivers/input/touchscreen/atmel_mxt_ts.c @ -2035,7 +2035,7 @ static int mxt_initialize(struct mxt_data *data) if (error) goto err_free_object_table; - error = reject_firmware_nowait(THIS_MODULE, true, MXT_CFG_NAME, + error = request_firmware_nowait(THIS_MODULE, true, MXT_CFG_NAME, &client->dev, GFP_KERNEL, data, mxt_config_cb); if (error) {</pre> <p>I've sent a mail to Linux-libre mailing list. http://www.fsfla.org/pipermail/linux-libre/2015-November/003202.html</p>	

History

#1 - 2015-11-29 03:55 PM - Anonymous

- Assignee set to Anonymous

- Subject changed from *touchscreen of Chromebook Pixel 2013 doesn't work with linux-libre* to *[linux-libre] touchscreen of Chromebook Pixel 2013 doesn't work*

#2 - 2016-03-21 04:44 AM - Anonymous

If we put "request_firmware_nowait" instead of "reject_firmware_nowait", any user could put that specific blob accidentally and Linux-libre will load it automatically...

#3 - 2016-03-21 08:51 AM - mytbk

Emulatorman wrote:

If we put "request_firmware_nowait" instead of "reject_firmware_nowait", any user could put that specific blob accidentally and Linux-libre will load it automatically...

I see. However, this line is requesting the file named `MXT_CFG_NAME`, and it's a config file, not the firmware blob. The touchscreen can work without this file.

#4 - 2016-03-21 09:05 AM - Anonymous

- Status changed from *open* to *in progress*

ok, then i'll solve it in the next kernel release, thanks for let me know.

#5 - 2016-03-23 12:58 AM - Anonymous

- % Done changed from 0 to 30

- Description updated

#6 - 2016-03-24 09:16 AM - Anonymous

- % Done changed from 30 to 80

#7 - 2016-03-28 08:54 AM - Anonymous

- % Done changed from 80 to 90

#8 - 2016-04-27 01:15 AM - Anonymous

- % Done changed from 90 to 100

- Status changed from in progress to fixed