Lime2 eMMC with Realtek RTL8211E PHY: Ethernet is not working

2021-07-08 07:02 AM - GNUtoo

Status: confirmed
Priority: bug
Assignee:
Category:

Description

However I recall that at some point it stopped working, and upgrading u-boot made it work again at that point, but now that doesn't work anymore. So something in newer kernels probably required newer u-boot and now maybe even newer kernels broke it, or maybe my board is broken (I still need to test it with older images and/or other distributions (like GuixSD)).

I need to re-test to be 100% sure.

fn2. 89ab0d27c libre: uboot4extlinux-sunxi: lower maintenance costs

#2 - 2021-07-16 10:23 AM - bill-auger
- Status changed from unconfirmed to confirmed

the title specifies EMMC - does this bug not affect non-emmc models? - it is the same PHY device

#3 - 2021-07-25 01:00 PM - GNUtoo
I've confirmed the bug: I still had a microSD with an older Parabola image that worked fine.

It most probably affect non eMMC models as well but I don't have one so I can't tell.

The person who bugreported for the newer phy not working has several models but I don't recall which ones. That person could probably do some tests since she got some of them for solving the phy issues by doing tests.

#4 - 2021-07-25 01:04 PM - GNUtoo
Here's the software versions on the working image:

<table>
<thead>
<tr>
<th>Software</th>
<th>String at boot on the serial port</th>
<th>package version</th>
</tr>
</thead>
<tbody>
<tr>
<td>linux-libre</td>
<td>5.8.13-gnu-1</td>
<td>libre/linux-libre 5.8.13-1</td>
</tr>
</tbody>
</table>