

PiBox - Feature #214

Try to cross compile RPi test apps at end of rootfs build

14 Aug 2013 13:55 - Hammel

Status:	Closed	Start date:	14 Aug 2013
Priority:	High	Due date:	
Assignee:	Hammel	% Done:	100%
Category:	04 - Root File System	Estimated time:	0.00 hour
Target version:	0.8.0		
Severity:	02 - High		
Description			
<p>The test apps are in <buildroot>/output/target/opt/vc/src/hello_pi. They would be useful in testing various components of the platform. I think to cross compile I need</p> <ol style="list-style-type: none">1. set the path to point to the cross compile tools2. set CC to point to compiler3. set SDKSTAGE to point to target tree4. set LDFLAGS to -L<staging tree> <p>Something like that.</p>			

Associated revisions

Revision 8288a4cc - 15 Feb 2014 16:41 - Hammel

RM #214: Added RPi Userland tools to rootfs.

History

#1 - 21 Aug 2013 10:24 - Hammel

- Priority changed from Urgent to High
- Severity changed from 03 - Medium to 04 - Low

#2 - 09 Feb 2014 16:02 - Hammel

- Target version changed from 1.0 - Atreides to 0.8.0
- Severity changed from 04 - Low to 02 - High

Adding this to the 0.8 release since it seems like it should just be a new sub-target for buildroot.

#3 - 15 Feb 2014 16:43 - Hammel

- Status changed from New to Closed
- % Done changed from 0 to 100

Added buildroot-rpitools target to build the tools after the rootfs is built. But this means the compiled tools are not in the tar file generated by buildroot. To get around that the tools are copied manually into the ext3 file generated by the -ext3 target. So it's a little bit of a hack, but its better than making an opkg for them.

Note: hello-font was not built due to problems with cross compiling it. The rest of the tools cross compiled fine.