

PiBox - Bug #219

xcc preconfig referencing non-existent uClibc config

22 Aug 2013 08:33 - Hammel

Status:	Closed	Start date:	22 Aug 2013
Priority:	Normal	Due date:	
Assignee:	Hammel	% Done:	100%
Category:	00 - Basic Build Issues	Estimated time:	0.00 hour
Target version:	0.8.0		
Severity:	03 - Medium		
Description			
Output from xcc build: ### 2013-08-22 08:30:07 AM Running preconfig cp: cannot stat '/home/mjhammel/src/ximba/raspberrypi/src/src/xcc/uClibc.rpi': No such file or directory This is a leftover from when PiBox was using uClibc, which it no longer does.			

Associated revisions

Revision 4f290094 - 03 Feb 2014 19:59 - Hammel

RM #219: Removed references to uClibc from xcc build.

History

#1 - 26 Jan 2014 15:12 - Hammel

- Status changed from New to In Progress

- % Done changed from 0 to 50

Looking to see what this affects.

```
mjhammel(tty4)$ grep -i uclibc configs/*
configs/buildroot.cfg:BUILDROOT_URL := http://buildroot.uclibc.org/downloads
configs/xcc.cfg:XCC_UCLIBC_CONFIG := $(UC)
configs/xcc.cfg.rpi:# UC = uClibc configuration file
configs/xcc.cfg.rpi:UC = uClibc.$(HW)
configs/xcc.mk:# (Buildroot's xcc only builds for uClibc).
configs/xcc.mk: cp $(DIR_XCC)/$(XCC_UCLIBC_CONFIG) $(XCC_BLDDIR)/$(XCC_UCLIBC_CONFIG); \
configs/xcc.mk.rpi.1.15.2: @sed -i 's%[\UCLIBC_CONFIG]%\$(XCC_BLDDIR)/.\$(XCC_UCLIBC_CONFIG)%g' $(XCC_BLDDIR)/.config
configs/xcc.mk.rpi.1.15.2: @sed -i 's%\$(XCC_BLDDIR)/.\$(XCC_UCLIBC_CONFIG)%[\UCLIBC_CONFIG]%' $(XCC_CONFIG)
configs/xcc.mk.rpi.1.15.2: ln -s ld-uClibc.so.0 ld-linux.so.2
configs/xcc.mk.rpi.1.18.0: @sed -i 's%[\UCLIBC_CONFIG]%\$(XCC_BLDDIR)/.\$(XCC_UCLIBC_CONFIG)%g' $(XCC_BLDDIR)/.config
configs/xcc.mk.rpi.1.18.0: @sed -i 's%\$(XCC_BLDDIR)/.\$(XCC_UCLIBC_CONFIG)%[\UCLIBC_CONFIG]%' $(XCC_CONFIG)
configs/xcc.mk.rpi.1.19.0: @sed -i 's%[\UCLIBC_CONFIG]%\$(XCC_BLDDIR)/.\$(XCC_UCLIBC_CONFIG)%g' $(XCC_BLDDIR)/.config
configs/xcc.mk.rpi.1.19.0: @sed -i 's%\$(XCC_BLDDIR)/.\$(XCC_UCLIBC_CONFIG)%[\UCLIBC_CONFIG]%' $(XCC_CONFIG)
```

```
mjhammel(tty4)$ grep UC configs/*
configs/xcc.cfg:XCC_UCLIBC_CONFIG := $(UC)
configs/xcc.cfg: @echo "UC : $(UC)"
```

```
configs/xcc.cfg.rpi:# UC = uClibc configuration file
configs/xcc.cfg.rpi:UC = uClibc.$(HW)
configs/xcc.mk:      cp $(DIR_XCC)/$(XCC_UCLIBC_CONFIG) $(XCC_BLDDIR)/$(XCC_UCLIBC_CONFIG); \
configs/xcc.mk.rpi.1.15.2:  @sed -i 's%\[UCLIBC_CONFIG\]%\$(XCC_BLDDIR)/$(XCC_UCLIBC_CONFIG)%g' $(XCC_BLDDIR)/.config
configs/xcc.mk.rpi.1.15.2:  @sed -i 's%\$(XCC_BLDDIR)/$(XCC_UCLIBC_CONFIG)%\[UCLIBC_CONFIG\]%g' $(XCC_CONFIG)
configs/xcc.mk.rpi.1.18.0:  @sed -i 's%\[UCLIBC_CONFIG\]%\$(XCC_BLDDIR)/$(XCC_UCLIBC_CONFIG)%g' $(XCC_BLDDIR)/.config
configs/xcc.mk.rpi.1.18.0:  @sed -i 's%\$(XCC_BLDDIR)/$(XCC_UCLIBC_CONFIG)%\[UCLIBC_CONFIG\]%g' $(XCC_CONFIG)
configs/xcc.mk.rpi.1.19.0:  @sed -i 's%\[UCLIBC_CONFIG\]%\$(XCC_BLDDIR)/$(XCC_UCLIBC_CONFIG)%g' $(XCC_BLDDIR)/.config
configs/xcc.mk.rpi.1.19.0:  @sed -i 's%\$(XCC_BLDDIR)/$(XCC_UCLIBC_CONFIG)%\[UCLIBC_CONFIG\]%g' $(XCC_CONFIG)
```

```
mjhammel(tty4)$ grep UC src/xcc/*
grep: src/xcc/opkg: Is a directory
grep: src/xcc/patches: Is a directory
grep: src/xcc/tests: Is a directory
```

So it appears it was copying the uClibc config to the xcc bld dir and then trying to reference it in the xcc config. However there are no references to it ([UCLIBC_CONFIG]) in the current configs. So these can all be safely removed.

I'm in the middle of buildroot and kernel updates so I'll come back to this later.

#2 - 01 Feb 2014 15:44 - Hammel

- *Target version changed from 1.0 - Atreides to 0.8.0*

Moving to 0.8 release target.

#3 - 02 Feb 2014 16:40 - Hammel

- *% Done changed from 50 to 60*

xcc built kernel fine. Now building rootfs. Need to rebuild gles too.

After all are built they will be tested on the target. If that works, the xcc changes can be committed.

#4 - 03 Feb 2014 20:02 - Hammel

- *Status changed from In Progress to Closed*

- *% Done changed from 60 to 100*

Verified xcc builds all components just fine.

Changes pushed upstream.

Closing issue.