

KiwiSDR 2 Error

```
root@kiwisdr:/KiwiSDR# m
```

```
disable unwanted services
```

```
(cd /root/KiwiSDR/e_cpu; make OTHER_DIR="")
```

```
make[1]: Entering directory '/root/KiwiSDR/e_cpu'
```

```
clang++-11 -I. -I./asm -I. -D_GNU_SOURCE -g asm/asm.cpp asm/asm_util.cpp  
-o ../../build/tools/asm
```

```
../../build/tools/asm -o ../../build/gen
```

```
assembling kiwi.asm to: ../../build/gen/kiwi.aout, ../../build/gen/encode.aout.h
```

```
#include file: ./other.config
```

```
#include file: ../kiwi.config
```

```
#include_other file: (ignored) other.cmds.asm
```

```
#include file: kiwi.sdr.asm
```

```
#include file: kiwi.gps.asm
```

```
#include_other file: (ignored) other.asm
```

```
generating include file: ../verilog/kiwi.cfg.vh
```

```
generating include file: ../../build/gen/other.gen.h
```

```
generating include file: ../verilog/other.gen.vh
```

```
generating include file: ../../build/gen/kiwi.gen.h
```

```
generating include file: ../verilog/kiwi.gen.vh
```

```
used 1475/2048 CPU RAM (573 insns remaining)
```

```
make[1]: Leaving directory '/root/KiwiSDR/e_cpu'
```

```
(cd /root/KiwiSDR/e_cpu; make gen_other OTHER_DIR="")
```

```
make[1]: Entering directory '/root/KiwiSDR/e_cpu'
```

```
clang++-11 -I. -I./asm -I. -D_GNU_SOURCE -g asm/asm.cpp asm/asm_util.cpp  
-o ../../build/tools/asm
```

```
../../build/tools/asm -o ../../build/gen -g
```

```
assembling kiwi.asm to: ../../build/gen/kiwi.aout, ../../build/gen/encode.aout.h
```

```
#include file: ./other.config
```

```
#include file: ../kiwi.config
```

```
#include_other file: (ignored) other.cmds.asm
```

```
#include file: kiwi.sdr.asm
```

```
#include file: kiwi.gps.asm
```

```
#include_other file: (ignored) other.asm
```

```
generating include file: ../../build/gen/other.gen.h
```

```
generating include file: ../verilog/other.gen.vh
```

```
used 1475/2048 CPU RAM (573 insns remaining)
```

```
make[1]: Leaving directory '/root/KiwiSDR/e_cpu'
```

```
(cd /root/KiwiSDR/e_cpu; make no_gen OTHER_DIR="")
```

```
make[1]: Entering directory '/root/KiwiSDR/e_cpu'
```

```
../../build/tools/asm -n -o ../../build/gen
assembling kiwi.asm to: ../../build/gen/kiwi.aout, ../../build/gen/encode.aout.h
#include file: ./other.config
#include file: ../kiwi.config
#include_other file: (ignored) other.cmds.asm
#include file: kiwi.sdr.asm
#include file: kiwi.gps.asm
#include_other file: (ignored) other.asm
used 1475/2048 CPU RAM (573 insns remaining)
```

```
make[1]: Leaving directory '/root/KiwiSDR/e_cpu'
make_prereq DONE
make[1]: Entering directory '/KiwiSDR'
```

```
-----
building ../build/gen/Makefile.inc
v1.800
Debian 11
PROJECT = KiwiSDR
ARCH = sitara
CPU = AM3359
PLAT = BBG_BBB
PLATFORMS = beaglebone beaglebone_black
BINARY_DISTRO = true
REBASE_DISTRO = true
DEBUG =
GDB =
XC =
```

```
-l../../build/gen -lpru -l. -lpkgs/utf8 -lpkgs/mongoose -lpkgs/jsmn -lpkgs/sha256
-lpkgs/TNT_JAMA -lpkgs/ant_switch -lpkgs/sdrpp_server -lplatform/common
-lplatform/beaglebone -lplatform/beaglebone_black -lextensions/ -lextensions/
ALE_2G/ -lextensions/CW_decoder/ -lextensions/DRM/ -lextensions/FAX/
-lextensions/FFT/ -lextensions/FSK/ -lextensions/FT8/ -lextensions/HFDL/
-lextensions/IBP_scan/ -lextensions/IQ_display/ -lextensions/Loran_C/
-lextensions/NAVTEX/ -lextensions/SSTV/ -lextensions/S_meter/ -lextensions/
TDoA/ -lextensions/colormap/ -lextensions/devl/ -lextensions/digi_modes/
-lextensions/example/ -lextensions/iframe/ -lextensions/prefs/ -lextensions/s4285/
-lextensions/sig_gen/ -lextensions/timecode/ -lextensions/wspr/ -lextensions/FT8/
ft8_lib -lextensions/FT8/ft8_lib/common -lextensions/FT8/ft8_lib/ft8 -lextensions/
HFDL/dumphfdl/src -lextensions/HFDL/dumphfdl/src/libfec -lrx -lrx/kiwi -lrx/
CuteSDR -lrx/Teensy -lrx/wdsp -lrx/csdr -lrx/CMSIS -lrx/flidigi -lrx/flidigi/rsid -lrx/
flidigi/mfsk -lgps -lgps/ka9q-fec -lgps/GNSS-SDRLIB -ldev -lui -lcfg -ldx -lsupport
-lnet -lweb -larch/sitara -lextensions/DRM/dream/. -lextensions/DRM/dream/linux
-lextensions/DRM/dream/sourcedecoders -lextensions/DRM/dream/sound
```

```
-lextensions/DRM/dream/chanest -lextensions/DRM/dream/datadecoding
-lextensions/DRM/dream/datadecoding/journaline -lextensions/DRM/dream/
drmchannel -lextensions/DRM/dream/FAC -lextensions/DRM/dream/interleaver
-lextensions/DRM/dream/matlib -lextensions/DRM/dream/MDI -lextensions/DRM/
dream/MLC -lextensions/DRM/dream/MSC -lextensions/DRM/dream/
OFDMcellmapping -lextensions/DRM/dream/resample -lextensions/DRM/dream/
SDC -lextensions/DRM/dream/sync -lextensions/DRM/dream/tables -lextensions/
DRM/dream/util -lextensions/DRM/dream/FDK-AAC -I/usr/local/include -I/usr/local/
include/libacars-2 -I/usr/local/include/liquid -I/usr/lib/arm-linux-gnueabi/hf/glib-2.0/
include -I/usr/include/glib-2.0
```

```
-g -pipe -MMD -DCOMPILER_HOST=STRINGIFY(kiwisdr) -DHOST -mtune=cortex-
a8 -mcpu=cortex-a8 -mfpu=neon-vfpv3 -mfloat-abi=hard
```

```
-DDRM -DHAVE_DLFCN_H -DHAVE_MEMORY_H -DHAVE_STDINT_H
-DHAVE_STDLIB_H -DHAVE_STRINGS_H -DHAVE_STRING_H -DSTDC_HEADERS
-DHAVE_INTTYPES_H -DHAVE_SYS_STAT_H -DHAVE_SYS_TYPES_H
-DHAVE_UNISTD_H -DHAVE_LIBZ -DHAVE_LIBSNDFILE -DUSE_CONSOLEIO
-DUSE_KIWI -DHAVE_LIBFDK_AAC -DHAVE_USAC -DFT8 -DFT8_KIWI -DHFDL
-DHFDL_KIWI -DDUMPHFDL_VERSION=STRINGIFY(1.1.0)
```

```
-DMG_ARCH=MG_ARCH_CUSTOM -DSDRPP_SERVER -DUSE_CRYPT
-DVERSION_MAJ=1 -DVERSION_MIN=800 -DKIWI -DKIWISDR -DARCH_sitara
-DCPU_AM3359 -DARCH_CPU=AM3359 -DARCH_CPU_S=STRINGIFY(AM3359)
-DPLATFORM_beaglebone -DPLATFORM_beaglebone_black
-DARCH_DIR=STRINGIFY(arm32) -DDIR_CFG=STRINGIFY(/root/kiwi.config)
-DDIR_DATA=STRINGIFY(/tmp/kiwi.data) -DCFG_PREFIX=STRINGIFY()
-DBUILD_DIR=STRINGIFY(..build) -DREPO_NAME=STRINGIFY(KiwiSDR)
-DREPO_GIT=STRINGIFY(jks-prv/KiwiSDR.git) -DREPO_DIR=STRINGIFY(/root/
KiwiSDR)
```

```
-----
```

```
make[1]: Leaving directory '/KiwiSDR'
make[1]: Entering directory '/KiwiSDR'
```

```
=====
```

```
make_binary: /root/KiwiSDR.files/bin/kiwi_v1.800_D11.9-11_BBG_BBB.bin
=> doesn't exist: compiling from sources
```

```
=====
```

```
make[2]: Entering directory '/KiwiSDR'
clang++-11 -Dv1_800 @../build/gen/Makefile.inc -std=gnu++11 -c -o ../build/obj/
pru_realtime.o pru/pru_realtime.cpp
```

```
In file included from pru/pru_realtime.cpp:56:
```

```
./kiwi.h:23:10: fatal error: 'kiwi.gen.h' file not found
#include "kiwi.gen.h"
```

^~~~~~

1 error generated.

make[2]: *** [Makefile:1160: ../build/obj/pru_realtime.o] Error 1

make[2]: Leaving directory '/KiwiSDR'

make[1]: *** [Makefile:570: make_binary] Error 2

make[1]: Leaving directory '/KiwiSDR'

make: *** [Makefile:99: all] Error 2

root@kiwisdr:/KiwiSDR#