

# 每週進度報告

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# Outline

- 1 Road map
- 2 Progress Rate
- 3 This Week Issue
- 4 Next Week Plan
- 5 Reference

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# 行程規劃 (Road Map)

- 09/29(二) 交出 WCE 2015 投稿文第一版
- 09/30(三) 完成 WCE 2015 投稿
- 09/30(三)-10/02(五) 新竹 TSMC 實習

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## 本週 thisweek 進度 (1/2)

- 使用 minicom 解析 JLD007 之規格及 Toolchain。
- AOSP 編譯環境建置 on Ubuntu 14.04。
- 編譯 AOSP\_5.1\_arm-eng 可以 run emulator。
- 編譯 Amlogic/S802 之 Linux Kernel。
- 編譯 Amlogic/S802 之 u-boot 失敗。
- 研討會投稿書撰寫。

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# 本週所遭遇問題及可能解法 (1/2)

## 問題一：Amlogic S802 AOSP 取得困難

- 目標：  
為 JLD007 編譯出 Android 5.X 版本，再測試 app。
- 官方有 Android 5.0 原始碼，但需申請下載權限：[▶ Link](#)
- 官方申請文件表示，原始檔只授權予贊助者：[▶ Link](#)



# 本週所遭遇問題及可能解法 (2/2)

## 問題二：u-boot.bin 編譯不出來

- 編譯指令：`$ make m8_k200_v1_config; make all -j8`
- 無 error 訊息，編譯訊息：[▶ Link](#)

```
student@AOSP:~/Amlogic_m8/u-boot-2015-01-15-23a3562521/build$ ls -lt
total 664
drwxrwxr-x 2 student student 12288 Sep 24 16:06 common/
drwxrwxr-x 2 student student 4096 Sep 24 16:06 arc_power/
drwxrwxr-x 9 student student 4096 Sep 24 16:06 drivers/
drwxrwxr-x 2 student student 4096 Sep 24 16:06 disk/
drwxrwxr-x 2 student student 4096 Sep 24 16:06 api/
-rwxrwxr-x 1 student student 28448 Sep 24 16:06 usb_firmware.bin*
-rwxrwxr-x 1 student student 124750 Sep 24 16:06 usb_firmware.out*
-rw-rw-r-- 1 student student 43488 Sep 24 16:06 usb_firmware.out.map
-rwxrwxr-x 1 student student 19860 Sep 24 16:06 ddr_init.bin*
-rwxrwxr-x 1 student student 92795 Sep 24 16:06 ddr_init.out*
-rw-rw-r-- 1 student student 31575 Sep 24 16:06 ddr_init.out.map
-rwxrwxr-x 1 student student 28096 Sep 24 16:06 firmware.bin*
-rwxrwxr-x 1 student student 122470 Sep 24 16:06 firmware.out*
-rw-rw-r-- 1 student student 38879 Sep 24 16:06 firmware.out.map
drwxrwxr-x 3 student student 4096 Sep 24 16:06 tools/
-rw-rw-r-- 1 student student 978 Sep 24 16:06 u-boot.lds
drwxrwxr-x 3 student student 4096 Sep 24 16:06 arch/
drwxrwxr-x 4 student student 4096 Sep 24 16:06 examples/
drwxrwxr-x 4 student student 4096 Sep 24 16:06 include/
drwxrwxr-x 3 student student 4096 Sep 24 16:06 lib/
drwxrwxr-x 2 student student 4096 Sep 24 16:06 include2/
student@AOSP:~/Amlogic_m8/u-boot-2015-01-15-23a3562521/build$
```

Figure 1: u-boot 編譯產生之檔案

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## 下週 Nextweek 預計進度

- 投稿研討會。
- 擎昊實習 (新竹 TSMC)。
- 於 Raspberry Pi 2 建置 Android。

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# Reference I

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