

22/2/24



DATE: / /

* When root file system mounts
we will have access

* Linux considers everything as
file if not file it is
a process.

ls /

ls /dev

ls -l /dev

To go inside minicom

Sudo minicom -s

For Linux TTYACMB

E - Baudrate

developer.ruggedboard.com

SOC - System on chip

SOM - System on module

SBC - Single board computer

SOC → Before core → Architecture

↓

SOM

↓

SBC



DATE: / /

A5d2x → The x can be any number.

SOM → Phycore A5d2x

SBC → Rugged board A5d2x

Booting process

Booting can be done

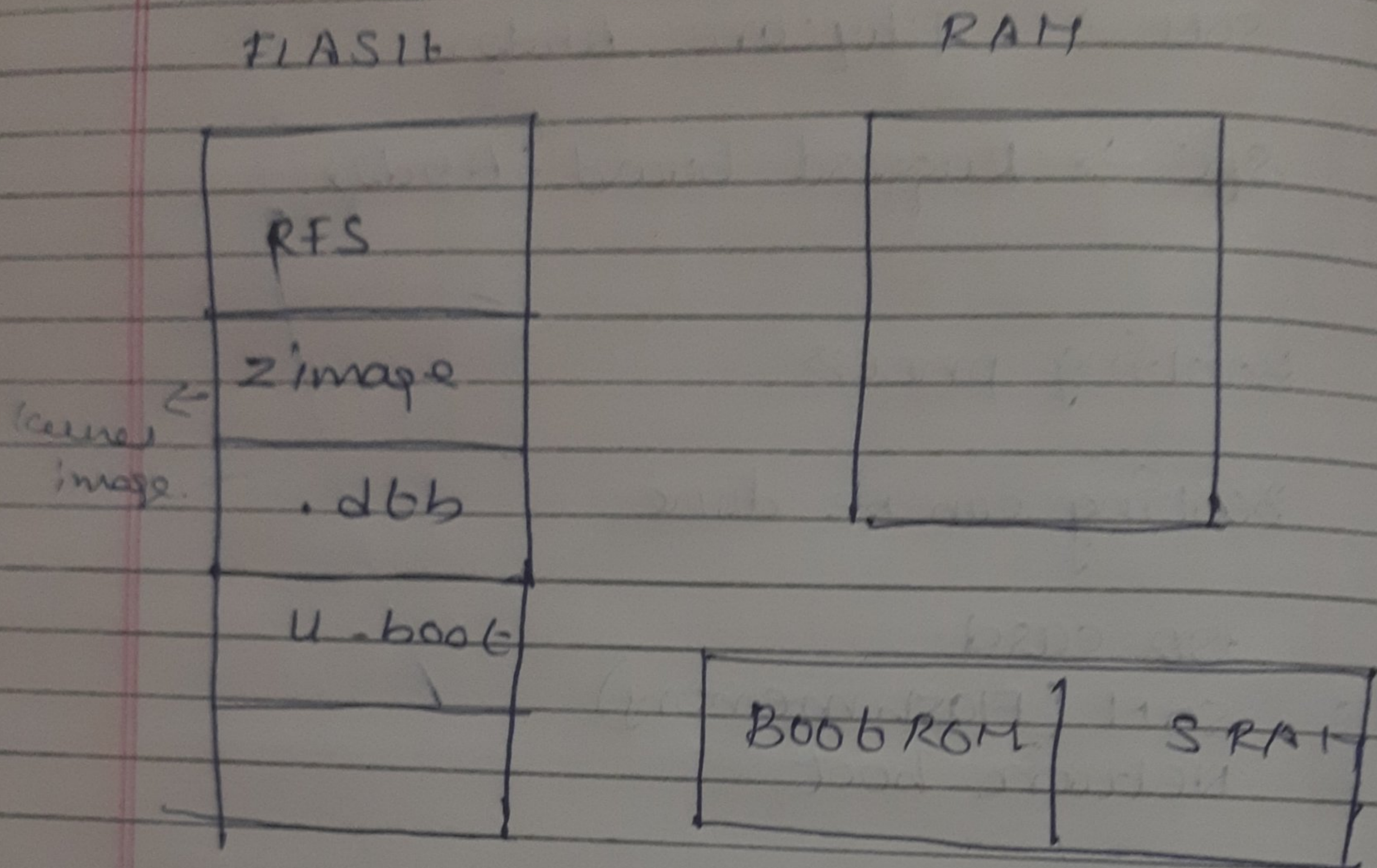
SD card

SOM (Flash memory)

Network boot

- * From scratch to mobile, mounting the pin between process is called to porting.
- * Flash memory is something hard disk for the board.

AT91 bootstrap.



Boot ROM code will be inside soc

- * The work of Boot ROM is that loads at91 bootstrap code to SRAM.
- * At91 bootstrap code initializes ram and loads u boot code to ram.
- * The work of u boot is to load .dtb and zimage.
- * Device Tree source (.Dts)
- * .dts (device tree source include) file

The both compiled and Formed
as
.dtb File.

* The kernel initializes the Files
From .dtb and mounts the
root File.