

```
HELLO! BOOT0 is starting!
boot0 version : 4.0.0
fel_flag = 0x00000000
rtc[0] value = 0x00000000
rtc[1] value = 0x00000000
rtc[2] value = 0x00000000
rtc[3] value = 0x0000000f
rtc[4] value = 0x00000000
rtc[5] value = 0x00000000
rtc[6] value = 0x00000000
rtc[7] value = 0x00000000
DRAM DRIVE INFO: V0.8
DRAM Type = 3 (2:DDR2,3:DDR3,6:LPDDR2,7:LPDDR3)
DRAM CLK = 672 MHz
DRAM zq value: 003b3bfb
READ DQS LCDL = 001f1f20
DRAM SIZE =512 M
odt delay
dram size =512
card boot number = 2
card no is 2
sdcard 2 line count 8
[mmc]: mmc driver ver 2014-12-10 21:20:39
[mmc]: ***Try SD card 2***
[mmc]: mmc 2 cmd 8 err 00000100
[mmc]: mmc 2 cmd 8 err 00000100
[mmc]: mmc 2 send if cond failed
[mmc]: mmc 2 cmd 55 err 00000100
[mmc]: mmc 2 cmd 55 err 00000100
[mmc]: mmc 2 send app cmd failed
[mmc]: ***Try MMC card 2***
[mmc]: 8bit ddr!!!
[mmc]: MMC ver 5.0
[mmc]: SD/MMC Card: 8bit, capacity: 7456MB
[mmc]: vendor: Man 00150100 Snr 00418aea
[mmc]: product: 8WPD3
[mmc]: revision: 5.2
[mmc]: ***SD/MMC 2 init OK!!!***
sdcard 2 init ok
The size of uboot is 000dc000.
sum=4a43fa64
src_sum=4a43fa64
set_mmc_para,sdly 50M 0
set_mmc_para,sdly 25M 0
Succeed in loading uboot from sdmmc flash.
Ready to disable icache.
Jump to secend Boot.
SUNXI_NORMAL_MODE
[      0.244]e mode
```

U-Boot 2011.09-rc1-00000-g21ef338-dirty (Jun 21 2017 - 16:05:28) Allwinner Technology

```
[    0.253]version: 1.1.0
normal mode
[    0.261]pmbus:  ready
not set main pmu id
axp_probe error
[    0.298]PMU: pll1 816 Mhz,PLL6=600 Mhz
AXI=272 Mhz,AHB=200 Mhz, APB1=100 Mhz
sid read already
fel key new mode
run key detect
no key found
no key input
dram_para_set start
dram_para_set end
normal mode
[    0.329]DRAM:  512 MiB
relocation Offset is: 15af9000
[box standby] read rtc = 0xf
[box_start_os] mag be start_type no use
user_gpio config
user_gpio ok
gic: normal or no secure os mode
workmode = 0
MMC:      2
[    0.411][mmc]: mmc driver ver 2014-12-10 9:23:00
[    0.416][mmc]: get sdc_phy_wipe fail.
[    0.420][mmc]: get sdc0 sdc_erase fail.
[    0.424][mmc]: get sdc_2xmode ok, val = 1
[    0.428][mmc]: get sdc_ddrmode ok, val = 1
[    0.432][mmc]: get sdc_f_max fail,use default  50000000Hz
[    0.438][mmc]: get card_line ok, card_line = 8
[    0.442][mmc]: get sdc_ex_dly_used fail,use default
[    0.447][mmc]: SUNXI SD/MMC: 2
[    0.461][mmc]: *Try SD card 2*
[    0.464][mmc]: mmc 2 cmd 8 err 100
[    0.470][mmc]: mmc send if cond failed
[    0.474][mmc]: mmc 2 cmd 55 err 100
[    0.479][mmc]: send app cmd failed
[    0.482][mmc]: *Try MMC card 2*
[    0.522][mmc]: ddr8
[    0.532][mmc]: CID 0x15010038 0x57504433 0x5200418a 0xea40b375
[    0.537][mmc]: MMC ver 5.0
[    0.540][mmc]: mmc clk 50000000
[    0.543][mmc]: SD/MMC Card: 8bit, capacity: 7456MB
[    0.548][mmc]: boot0 capacity: 4000KB,boot1 capacity: 4000KB
[    0.554][mmc]: ***SD/MMC 2 init OK!!!***
[    0.559][mmc]: erase_grp_size:0x400WrBlk * 0x200 = 0x80000 Byte
```

```

[      0.564][mmc]: secure_feature 0x55
[      0.568][mmc]: secure_removal_type 0x9
[      0.572]sunxi flash init ok
script config pll_de to 864 Mhz
Not Found clk pll_video1 in script
script config pll_video to 297 Mhz
DRV_DISP_Init end
boot_disp.auto_hpd=0
not auto hotplud for homlet, the default output_type is 0
[disk_read_fs] no the partition
error: open disp_rsl.fex, maybe it is not exist
check what the output_type=0
fail to find part named env
Using default environment

In:    serial
Out:   serial
Err:   serial
-----fastboot partitions-----
mbr not exist
base bootcmd=run setargs_mmc boot_normal
bootcmd set setargs_mmc
key 0
cant find rcvy value
cant find fstbt value
no misc partition is found
to be run cmd=run setargs_mmc boot_normal
the secure storage map is empty
the private part isn't exist
WORK_MODE_BOOT
adver not need show
sunxi_bmp_logo_display
[disk_read_fs] no the partition
error: open bootlogo.bmp, maybe it is not exist
sunxi bmp info error : unable to open logo file bootlogo.bmp
[      0.656]Hit any key to stop autoboot: 0
[      2.830][mmc]: blkcnt should not be 0
[      2.940][mmc]: blkcnt should not be 0
## Booting kernel from Legacy Image at 40007800 ...
   Image Name:   Linux-3.4.39
   Image Type:   ARM Linux Kernel Image (uncompressed)
   Data Size:    8662984 Bytes = 8.3 MiB
   Load Address: 40008000
   Entry Point:  40008000
   Verifying Checksum ... OK
   Loading Kernel Image ... OK
OK
[      3.155][mmc]: mmc exit start
[      3.167][mmc]: mmc 2 cmd 8 err 100
[      3.172][mmc]: mmc send if cond failed

```

```

[ 3.176][mmc]: mmc 2 cmd 55 err 100
[ 3.181][mmc]: send app cmd failed
[ 3.193][mmc]: get sdc_phy_wipe fail.
[ 3.197][mmc]: get sdc0 sdc_erase fail.
[ 3.201][mmc]: get sdc_2xmode ok, val = 1
[ 3.205][mmc]: get sdc_ddrmode ok, val = 1
[ 3.209][mmc]: get sdc_f_max fail,use default 50000000Hz
[ 3.214][mmc]: get card_line ok, card_line = 8
[ 3.219][mmc]: get sdc_ex_dly_used fail,use default
[ 3.224][mmc]: mmc 2 exit ok
[ 3.227]

```

Starting kernel ...

```
[sun8i_fixup]: From boot, get meminfo:
```

```
    Start: 0x40000000
```

```
    Size: 512MB
```

```
ion_carveout reserve: 160m@0 256m@0 130m@1 200m@1
```

```
ion_reserve_common: ion reserve: [0x56000000, 0x60000000]!
```

```
[ 0.000000] Booting Linux on physical CPU 0
```

```
[ 0.000000] Initializing cgroup subsys cpu
```

```
[ 0.000000] Linux version 3.4.39 (h3@chrysaor-info-ubuntu-14041-desktop-amd64)
```

```
(gcc version 4.6.3 20120201 (prerelease) (crosstool-NG
```

```
linaro-1.13.1-2012.02-20120222 - Linaro GCC 2012.02) ) #237 SMP PREEMPT Mon Aug 28
```

```
17:35:01 MYT 2017
```

```
[ 0.000000] cma: CMA: reserved 160 MiB at 56000000
```

```
[ 0.000000] PERCPU: Embedded 8 pages/cpu @c1782000 s11840 r8192 d12736 u32768
```

```
[ 0.000000] Kernel command line: console=ttyS0,115200 root=/dev/mmcblk0p2
```

```
init=/init
```

```
[ 0.000000] PID hash table entries: 2048 (order: 1, 8192 bytes)
```

```
[ 0.000000] Dentry cache hash table entries: 65536 (order: 6, 262144 bytes)
```

```
[ 0.000000] Inode-cache hash table entries: 32768 (order: 5, 131072 bytes)
```

```
[ 0.000000] Memory: 512MB = 512MB total
```

```
[ 0.000000] Memory: 335268k/335268k available, 189020k reserved, 0K highmem
```

```
[ 0.000000] Virtual kernel memory layout:
```

```
[ 0.000000]     vector : 0xfffff0000 - 0xfffff1000    ( 4 kB)
```

```
[ 0.000000]     fixmap : 0xffff00000 - 0xffffe0000    ( 896 kB)
```

```
[ 0.000000]     vmalloc : 0xe0800000 - 0xff000000    ( 488 MB)
```

```
[ 0.000000]     lowmem : 0xc0000000 - 0xe0000000    ( 512 MB)
```

```
[ 0.000000]     pkmap : 0xbfe00000 - 0xc0000000    ( 2 MB)
```

```
[ 0.000000]     modules : 0xbfe00000 - 0xbfe00000    ( 14 MB)
```

```
[ 0.000000]     .text : 0xc0008000 - 0xc09ce4c0    (10010 kB)
```

```
[ 0.000000]     .init : 0xc09cf000 - 0xc1192e40    (7952 kB)
```

```
[ 0.000000]     .data : 0xc1194000 - 0xc1216338    ( 521 kB)
```

```
[ 0.000000]     .bss : 0xc1216aec - 0xc12efe08    ( 869 kB)
```

```
[ 0.000000] Preemptible hierarchical RCU implementation.
```

```
[ 0.000000] Additional per-CPU info printed with stalls.
```

```
[ 0.000000] NR_IRQS:544
```

```
[ 0.000000] Architected local timer running at 24.00MHz.
```

```
[ 0.000000] Switching to timer-based delay loop
```

```
[ 0.000000] sched_clock: 32 bits at 24MHz, resolution 41ns, wraps every 178956ms
```

```
[ 0.000000] Console: colour dummy device 80x30
[ 0.000241] Calibrating delay loop (skipped), value calculated using timer
frequency.. 4800.00 BogoMIPS (lpj=24000000)
<[ 0.000673] Mount-cache hash table entries: 512
[ 0.001875] Initializing cgroup subsys cpucct
[ 0.001894] Initializing cgroup subsys freezer
[ 0.001939] CPU: Testing write buffer coherency: ok
[ 0.001998] ftrace: allocating 26404 entries in 78 pages
[ 0.040300] CPU0: thread -1, cpu 0, socket 0, mpidr 80000000
[ 0.040322] [sunxi_smp_prepare_cpus] enter
[ 0.040361] Setting up static identity map for 0x406dc158 - 0x406dc1b0
[ 0.041476] CPU1: thread -1, cpu 1, socket 0, mpidr 80000001
[ 0.041613] CPU2: thread -1, cpu 2, socket 0, mpidr 80000002
[ 0.041613] CPU3: thread -1, cpu 3, socket 0, mpidr 80000003
[ 0.050217] Brought up 4 CPUs
[ 0.050239] SMP: Total of 4 processors activated (19200.00 BogoMIPS).
[ 0.051011] devtmpfs: initialized
[ 0.054361] wakeup src cnt is : 1.
[ 0.054419] sunxi pm init
[ 0.054589] pinctrl core: initialized pinctrl subsystem
[ 0.065822] NET: Registered protocol family 16
[ 0.066567] DMA: preallocated 2048 KiB pool for atomic coherent allocations
[ 0.066567] script_sysfs_init success
[ 0.066567] gpiochip_add: registered GPIOs 0 to 383 on device: sunxi-pinctrl
[ 0.066567] sunxi-pinctrl sunxi-pinctrl: initialized sunXi PIO driver
[ 0.066567] hw-breakpoint: found 5 (+1 reserved) breakpoint and 4 watchpoint
registers.
[ 0.066567] hw-breakpoint: maximum watchpoint size is 8 bytes.
[ 0.066567] script config pll_video to 297 Mhz
[ 0.066567] script config pll_de to 864 Mhz
[ 0.066567] script config pll_ve to 402 Mhz
[ 0.080298] bio: create slab <bio-0> at 0
[ 0.080483] [ARISC] :sunxi-arisc driver v1.04
[ 0.090335] [ARISC] :arisc version: [v0.1.34]
[ 0.167411] [ARISC] :sunxi-arisc driver v1.04 startup succeeded
[ 0.170126] SCSI subsystem initialized
[ 0.170375] usbcore: registered new interface driver usbfs
[ 0.170466] usbcore: registered new interface driver hub
[ 0.170504] usbcore: registered new device driver usb
[ 0.170504] twi_chan_cfg()335 - [twi0] has no twi_regulator.
[ 0.170504] twi_chan_cfg()335 - [twi1] has no twi_regulator.
[ 0.170504] twi_chan_cfg()335 - [twi2] has no twi_regulator.
[ 0.170935] Linux video capture interface: v2.00
[ 0.171212] Advanced Linux Sound Architecture Driver Version 1.0.25.
[ 0.171853] Bluetooth: Core ver 2.16
[ 0.171900] NET: Registered protocol family 31
[ 0.171913] Bluetooth: HCI device and connection manager initialized
[ 0.171931] Bluetooth: HCI socket layer initialized
[ 0.171945] Bluetooth: L2CAP socket layer initialized
[ 0.171984] Bluetooth: SCO socket layer initialized
```

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[ 0.172247] cfg80211: Calling CRDA to update world regulatory domain
[ 0.180187] Switching to clocksource arch_sys_counter
[ 0.196647] FS-Cache: Loaded
[ 0.196977] CacheFiles: Loaded
[ 0.211057] NET: Registered protocol family 2
[ 0.211373] IP route cache hash table entries: 4096 (order: 2, 16384 bytes)
[ 0.212018] TCP established hash table entries: 16384 (order: 5, 131072 bytes)
[ 0.212343] TCP bind hash table entries: 16384 (order: 5, 196608 bytes)
[ 0.212644] TCP: Hash tables configured (established 16384 bind 16384)
[ 0.212658] TCP: reno registered
[ 0.212673] UDP hash table entries: 256 (order: 1, 8192 bytes)
[ 0.212705] UDP-Lite hash table entries: 256 (order: 1, 8192 bytes)
[ 0.213044] NET: Registered protocol family 1
[ 0.213462] RPC: Registered named UNIX socket transport module.
[ 0.213477] RPC: Registered udp transport module.
[ 0.213488] RPC: Registered tcp transport module.
[ 0.213499] RPC: Registered tcp NFSv4.1 backchannel transport module.
[ 0.258076] hw perfevents: enabled with ARMv7 Cortex_A7 PMU driver, 5 counters
available
[ 0.258228] sunxi_reg_init enter
[ 0.259196] audit: initializing netlink socket (disabled)
[ 0.259257] type=2000 audit(0.250:1): initialized
[ 0.262138] Installing knfsd (copyright (C) 1996 okir@monad.swb.de).
[ 0.263031] NTFS driver 2.1.30 [Flags: R/W].
[ 0.263695] Btrfs loaded
[ 0.263724] msgmni has been set to 974
[ 0.265089] io scheduler noop registered
[ 0.265103] io scheduler deadline registered
[ 0.265199] io scheduler cfq registered (default)
[ 0.265616] this module is used not!
[ 0.265739] [DISP]disp_module_init
[ 0.266110] cmdline,disp=
[ 0.266953] [DISP]disp_module_init finish
[ 0.267204] sw_uart_get_devinfo()1503 - uart0 has no uart_regulator.
[ 0.267222] sw_uart_get_devinfo()1503 - uart1 has no uart_regulator.
[ 0.267240] sw_uart_get_devinfo()1503 - uart2 has no uart_regulator.
[ 0.267257] sw_uart_get_devinfo()1503 - uart3 has no uart_regulator.
[ 0.267885] uart0: ttyS0 at MMIO 0x1c28000 (irq = 32) is a SUNXI
[ 0.267901] sw_uart_pm()890 - uart0 clk is already enable
[ 0.267923] sw_console_setup()1233 - console setup baud 115200 parity n bits 8,
flow n
[ 0.378773] console [ttyS0] enabled
[ 0.957516] uart1: ttyS1 at MMIO 0x1c28400 (irq = 33) is a SUNXI
[ 0.964539] uart2: ttyS2 at MMIO 0x1c28800 (irq = 34) is a SUNXI
[ 0.971563] uart3: ttyS3 at MMIO 0x1c28c00 (irq = 35) is a SUNXI
[ 0.984391] loop: module loaded
[ 0.988205] sunxi_spi_chan_cfg()1355 - [spi-0] has no spi_regulator.
[ 0.995293] sunxi_spi_chan_cfg()1355 - [spi-1] has no spi_regulator.
[ 1.002985] spi spi0: master is unqueued, this is deprecated
[ 1.009605] tun: Universal TUN/TAP device driver, 1.6

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[ 1.015239] tun: (C) 1999-2004 Max Krasnyansky <maxk@qualcomm.com>
[ 1.022527] can't get item for emac_power gpio !
[ 1.028291] PPP generic driver version 2.4.2
[ 1.033280] PPP BSD Compression module registered
[ 1.038504] PPP Deflate Compression module registered
[ 1.048037] PPP MPPE Compression module registered
[ 1.053399] NET: Registered protocol family 24
[ 1.058370] PPTP driver version 0.8.5
[ 1.062729] ehci_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver
[ 1.090114] sunxi-ehci sunxi-ehci.1: SW USB2.0 'Enhanced' Host Controller (EHCI)
Driver
[ 1.099033] sunxi-ehci sunxi-ehci.1: new USB bus registered, assigned bus number
1
[ 1.108581] sunxi-ehci sunxi-ehci.1: irq 104, io mem 0xf1c1a000
[ 1.130044] sunxi-ehci sunxi-ehci.1: USB 0.0 started, EHCI 1.00
[ 1.137369] hub 1-0:1.0: USB hub found
[ 1.141573] hub 1-0:1.0: 1 port detected
[ 1.166390] sunxi-ehci sunxi-ehci.2: SW USB2.0 'Enhanced' Host Controller (EHCI)
Driver
[ 1.175321] sunxi-ehci sunxi-ehci.2: new USB bus registered, assigned bus number
2
[ 1.184213] sunxi-ehci sunxi-ehci.2: irq 106, io mem 0xf1c1b000
[ 1.210049] sunxi-ehci sunxi-ehci.2: USB 0.0 started, EHCI 1.00
[ 1.217302] hub 2-0:1.0: USB hub found
[ 1.221510] hub 2-0:1.0: 1 port detected
[ 1.246336] sunxi-ehci sunxi-ehci.3: SW USB2.0 'Enhanced' Host Controller (EHCI)
Driver
[ 1.255266] sunxi-ehci sunxi-ehci.3: new USB bus registered, assigned bus number
3
[ 1.264171] sunxi-ehci sunxi-ehci.3: irq 108, io mem 0xf1c1c000
[ 1.290048] sunxi-ehci sunxi-ehci.3: USB 0.0 started, EHCI 1.00
[ 1.297284] hub 3-0:1.0: USB hub found
[ 1.301498] hub 3-0:1.0: 1 port detected
[ 1.306315] ohci_hcd: USB 1.1 'Open' Host Controller (OHCI) Driver
[ 1.333258] sunxi-ohci sunxi-ohci.1: SW USB2.0 'Open' Host Controller (OHCI)
Driver
[ 1.341802] sunxi-ohci sunxi-ohci.1: new USB bus registered, assigned bus number
4
[ 1.350257] sunxi-ohci sunxi-ohci.1: irq 105, io mem 0xf1c1a400
[ 1.414685] hub 4-0:1.0: USB hub found
[ 1.418861] hub 4-0:1.0: 1 port detected
[ 1.443708] sunxi-ohci sunxi-ohci.2: SW USB2.0 'Open' Host Controller (OHCI)
Driver
[ 1.452248] sunxi-ohci sunxi-ohci.2: new USB bus registered, assigned bus number
5
[ 1.460701] sunxi-ohci sunxi-ohci.2: irq 107, io mem 0xf1c1b400
[ 1.524729] hub 5-0:1.0: USB hub found
[ 1.528904] hub 5-0:1.0: 1 port detected
[ 1.553752] sunxi-ohci sunxi-ohci.3: SW USB2.0 'Open' Host Controller (OHCI)
Driver
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[ 1.562292] sunxi-ohci sunxi-ohci.3: new USB bus registered, assigned bus number  
6  
[ 1.570744] sunxi-ohci sunxi-ohci.3: irq 109, io mem 0xf1c1c400  
[ 1.634730] hub 6-0:1.0: USB hub found  
[ 1.638906] hub 6-0:1.0: 1 port detected  
[ 1.643703] Initializing USB Mass Storage driver...  
[ 1.649343] usbcore: registered new interface driver usb-storage  
[ 1.656037] USB Mass Storage support registered.  
[ 1.661243] usbcore: registered new interface driver ums-alauda  
[ 1.667868] usbcore: registered new interface driver ums-cypress  
[ 1.674614] usbcore: registered new interface driver ums-datafab  
[ 1.681352] usbcore: registered new interface driver ums\_eneub6250  
[ 1.688269] usbcore: registered new interface driver ums-freecom  
[ 1.695012] usbcore: registered new interface driver ums-isd200  
[ 1.701661] usbcore: registered new interface driver ums-jumpshot  
[ 1.708473] usbcore: registered new interface driver ums-karma  
[ 1.715018] usbcore: registered new interface driver ums-onetouch  
[ 1.721868] usbcore: registered new interface driver ums-realtek  
[ 1.728588] usbcore: registered new interface driver ums-sddr09  
[ 1.735231] usbcore: registered new interface driver ums-sddr55  
[ 1.741939] usbcore: registered new interface driver ums-usbata  
[ 1.748551] usbcore: registered new interface driver usbserial  
[ 1.755117] usbcore: registered new interface driver usbserial\_generic  
[ 1.762426] USB Serial support registered for generic  
[ 1.768042] usbserial: USB Serial Driver core  
[ 1.772961] usbcore: registered new interface driver ch341  
[ 1.779085] USB Serial support registered for ch341-uart  
[ 1.785067] usbcore: registered new interface driver cp210x  
[ 1.791311] USB Serial support registered for cp210x  
[ 1.796948] usbcore: registered new interface driver ftdi\_sio  
[ 1.803386] USB Serial support registered for FTDI USB Serial Device  
[ 1.810753] ftdi\_sio: v1.6.0:USB FTDI Serial Converters Driver  
[ 1.817297] usbcore: registered new interface driver option  
[ 1.823545] USB Serial support registered for GSM modem (1-port)  
[ 1.830617] usbcore: registered new interface driver pl2303  
[ 1.836841] USB Serial support registered for pl2303  
[ 1.842762] file system registered  
[ 1.848609] android\_usb gadget: Mass Storage Function, version: 2009/09/11  
[ 1.856290] android\_usb gadget: Number of LUNs=3  
[ 1.861438] lun0: LUN: removable file: (no medium)  
[ 1.866856] lun1: LUN: removable file: (no medium)  
[ 1.872290] lun2: LUN: removable file: (no medium)  
[ 1.878131] android\_usb gadget: android\_usb ready  
[ 1.884380] mousedev: PS/2 mouse device common for all mice  
[ 1.891467] ls\_fetch\_sysconfig\_para: type err device\_used = -712491208.  
[ 1.899020] =====script\_get\_err=====  
[ 1.899756] sunxi-rtc sunxi-rtc: rtc core: registered sunxi-rtc as rtc0  
[ 1.899812] i2c /dev entries driver  
[ 1.900354] IR RC5(x) protocol handler initialized  
[ 1.900531] tscdev\_init: tsc driver is disabled



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[ 1.901009] sunxi_wdt_init_module: sunxi WatchDog Timer Driver v1.0
[ 1.901224] sunxi_wdt_probe: devm_ioremap return wdt_reg 0xf1c20ca0, res->start
0x01c20ca0, res->end 0x01c20cbf
[ 1.901382] sunxi_wdt_probe: initialized (g_timeout=16s, g_nowayout=0)
[ 1.901395] wdt_enable, write reg 0xf1c20cb8 val 0x00000000
[ 1.901406] timeout_to_interv, line 167
[ 1.901415] interv_to_timeout, line 189
[ 1.901426] wdt_set_tmout, write 0x000000b0 to mode reg 0xf1c20cb8, actual
timeout 16 sec
[ 1.975042] device-mapper: ioctl: 4.22.0-ioctl (2011-10-19) initialised:
dm-devel@redhat.com
[ 1.984518] Bluetooth: HCI UART driver ver 2.2
[ 1.998008] sunxi_leds_fetch_sysconfig_para script_parser_fetch "leds_para"
leds_used = -1063331580
[ 2.008088] =====script_get_err=====
[ 2.015057] usbcore: registered new interface driver usbhid
[ 2.021273] usbhid: USB HID core driver
[ 2.029302] asoc: sndhdmi <-> sunxi-hdmiaudio.0 mapping ok
[ 2.036474] oprofile: using arm/armv7-ca7
[ 2.041172] NET: Registered protocol family 26
[ 2.046114] u32 classifier
[ 2.049112]     Actions configured
[ 2.052901] Netfilter messages via NETLINK v0.30.
[ 2.058197] nf_conntrack version 0.5.0 (7798 buckets, 31192 max)
[ 2.065259] ctnetlink v0.93: registering with nfnetlink.
[ 2.071219] NF_TPROXY: Transparent proxy support initialized, version 4.1.0
[ 2.078947] NF_TPROXY: Copyright (c) 2006-2007 BalaBit IT Ltd.
[ 2.085793] xt_time: kernel timezone is -0000
[ 2.090823] IPv4 over IPv4 tunneling driver
[ 2.095967] gre: GRE over IPv4 demultiplexor driver
[ 2.101417] ip_gre: GRE over IPv4 tunneling driver
[ 2.107455] ip_tables: (C) 2000-2006 Netfilter Core Team
[ 2.113580] arp_tables: (C) 2002 David S. Miller
[ 2.118785] TCP: cubic registered
[ 2.122487] Initializing XFRM netlink socket
[ 2.127435] NET: Registered protocol family 10
[ 2.133608] Mobile IPv6
[ 2.136350] ip6_tables: (C) 2000-2006 Netfilter Core Team
[ 2.142589] IPv6 over IPv4 tunneling driver
[ 2.148439] NET: Registered protocol family 17
[ 2.153432] NET: Registered protocol family 15
[ 2.158468] Bridge firewalling registered
[ 2.163172] Bluetooth: RFCOMM TTY layer initialized
[ 2.168594] Bluetooth: RFCOMM socket layer initialized
[ 2.174320] Bluetooth: RFCOMM ver 1.11
[ 2.178480] Bluetooth: BNEP (Ethernet Emulation) ver 1.3
[ 2.184388] Bluetooth: BNEP filters: protocol multicast
[ 2.190208] Bluetooth: HIDP (Human Interface Emulation) ver 1.2
[ 2.196926] L2TP core driver, V2.0
[ 2.200737] PPPoL2TP kernel driver, V2.0

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[ 2.205088] L2TP IP encapsulation support (L2TPv3)
[ 2.210474] L2TP netlink interface
[ 2.214275] L2TP ethernet pseudowire support (L2TPv3)
[ 2.219881] 8021q: 802.1Q VLAN Support v1.8
[ 2.224681] VFP support v0.3: implementor 41 architecture 2 part 30 variant 7 rev
5
[ 2.233222] ThumbEE CPU extension supported.
[ 2.237972] Registering SWP/SWPB emulation handler
[ 2.243328] sunxi_bootup_extend_init: bootup extend state 1
[ 2.250741] sunxi-rtc sunxi-rtc: setting system clock to 1970-01-01 23:28:56 UTC
(84536)
[ 2.259733] ths_fetch_sysconfig_para: type err device_used = 1.
[ 2.267900] CPU Budget:Register notifier
[ 2.272292] CPU Budget:register Success
[ 2.276549] sunxi-budget-cooling sunxi-budget-cooling: Cooling device registered:
thermal-budget-0
[ 2.289657] ALSA device list:
[ 2.293000] #0: sndhdmi
[ 2.304017] Freeing init memory: 7948K
Initramfs: mounts and boots the rootfs
/dev/mmcblk0p1 not ready yet...
[ 3.547968] *****Try sdio*****
[ 3.557736] *****Try sd *****
[ 3.567252] *****Try mmc*****
[ 3.605304] mmc1: new high speed DDR MMC card at address 0001
[ 3.612557] mmcblk0: mmc1:0001 8WPD3R 7.28 GiB
[ 3.617989] mmcblk0boot0: mmc1:0001 8WPD3R partition 1 4.00 MiB
[ 3.625000] mmcblk0boot1: mmc1:0001 8WPD3R partition 2 4.00 MiB
[ 3.632915] mmcblk0: p1 p2
[ 3.638563] mmcblk0boot1: unknown partition table
[ 3.645783] mmcblk0boot0: unknown partition table
[ 3.651546] *****mmc init ok *****
/dev/mmcblk0p1 not ready yet...
Boot FAT drive is /dev/mmcblk0p1
Interrupt before loading rootfs? (y/N)? [ 5.449944] EXT4-fs (mmcblk0p2):
recovery complete
[ 5.456297] EXT4-fs (mmcblk0p2): mounted filesystem with ordered data mode. Opts:
errors=remount-ro
[ 5.680243] EXT4-fs (mmcblk0p2): re-mounted. Opts: errors=remount-ro,data=ordered
automount.sh: This is root directory. Ignore!
Starting logging: OK
Initializing random number generator... done.
Starting network: ifdown: interface lo not configured
ifdown: interface eth0 not configured
[ 6.254888] gmac0: probed
[ 6.257953] gmac0 gmac0: eth0: eth0: PHY ID 00441400 at 0 IRQ poll (gmac0-0:00)
OK
-- MESSAGE [easyioCheckComm::easyioCheckComm-v1.1] -> Linux started
-- MESSAGE [easyioCheckComm::easyioCheckComm-v1.1] -> CheckIOUART Successful
-- MESSAGE [easyioCheckComm::easyioCheckComm-v1.1] -> CheckPassUART Successful

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-- MESSAGE [easyioCheckComm::easyioCheckComm-v1.1] -> CheckBACUART Successful
-- MESSAGE [easyioBaseComm::BaseComm-v1.1] -> Linux started
-- MESSAGE [easyioBaseComm::BaseComm-v1.1] -> FWSerial write share memory loaded
-- MESSAGE [easyioBaseComm::BaseComm-v1.1] -> FWSerial read share memory loaded
Serial Number : 30000251
MAC Address : 38:D1:35:01:00:FB:
[ 6.374334] gmac0: probed
[ 6.379836] gmac0 gmac0: eth0: eth0: PHY ID 00441400 at 0 IRQ poll (gmac0-0:00)
[ 6.400868] ADDRCONF(NETDEV_UP): eth0: link is not ready
killall: svm.exe: no process killed
STM Firmware Version : 1.0.09
uid=1002(webuser) gid=33(www-data) groups=33(www-data)
uid=1003(easyio) gid=1003(easyio) groups=1003(easyio)
Starting ntpd: OK
Starting php-fpm done
Starting nginx...
Starting pure-ftpd...
Starting sshd: OK
Starting openvpn: server.
Starting tls_tunnel ...
Starting sedona: OK
-- MESSAGE [easyioFG::MbAsyncSlave-v1.0.45.13] -> Linux started
-- MESSAGE [easyioFGModbus::FGMbAsync.fs-v1.0.45.22] -> Linux started
MbTCPSlave-v1.0.45.32.5
ModbusTCPSlave share memory loaded
-- MESSAGE [easyioFGModbus::FGMbTCP-v1.0.45.23] -> Linux started
-- MESSAGE [easyioFGP2p::FGP2p-v1.0.45.32.2] -> Linux started
-- MESSAGE [easyioFGP2p::FGP2p-v1.0.45.32.2] -> P2P share memory loaded

Watcher V2.7
-- MESSAGE [easyioFGModbus::FGMbTCPGw-v1.0.45.23] -> Linux started
-- LOG [EasyIOFG::Haystack-1.0.45.7] Build Version : Aug 24 2017 16:38:37
-- MESSAGE [easyioFG::TComSQL-v1.0.111.0] started
-- MESSAGE [easyio::FGSms-v1.0.45.2] -> Linux started
System_SetDefaultGateway>iocctl(SIOCDELRT): No such process

Sedona VM 1.0
buildDate: Aug 29 2017 10:35:30
endian: little
blockSize: 4
refSize: 4

Running SVM in Platform Mode
-- MESSAGE [sys::App] starting
-- MESSAGE [sox::SoxService] started port=1876
-- MESSAGE [tcom::TComService] started port=5021
-- MESSAGE [sys::App] running
FG Series BACnet Service
BACnet Stack Version 0.8.2
BACnet App Version 1.33
```

Max APDU: 1476

Welcome to EasyIO FS  
fs login: