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1  U-Boot SPL 2011.09-00053-gb423c52 (Aug 10 2012 - 11:26:55)
2  Texas Instruments Revision detection unimplemented
3  No daughter card present
4  No AC power, disabling frequency switch
5  OMAP SD/MMC: 0
6  reading u-boot.img
7  reading u-boot.img
8
9
10 U-Boot 2011.09-00053-gb423c52 (Aug 10 2012 - 11:26:55)
11
12 I2C:   ready
13 DRAM:  256 MiB
14 WARNING: Caches not enabled
15 No daughter card present
16 NAND:  HW ECC Hamming Code selected
17 No NAND device found!!!
18 0 MiB
19 MMC:   OMAP SD/MMC: 0, OMAP SD/MMC: 1
20 *** Warning - readenv() failed, using default environment
21
22 Net:   cpsw
23 Hit any key to stop autoboot:  1 BSBSBS 0
24 SD/MMC found on device 0
25 reading uEnv.txt
26
27 27 bytes read
28 Loaded environment from uEnv.txt
29 Importing environment from mmc ...
30 Loading file "/boot/uImage" from mmc device 0:2 xxa2
31 3319440 bytes read
32 ## Booting kernel from Legacy Image at 80007fc0 ...
33   Image Name:   Angstrom/3.2.25/beaglebone
34   Image Type:   ARM Linux Kernel Image (uncompressed)
35   Data Size:    3319376 Bytes = 3.2 MiB
36   Load Address: 80008000
37   Entry Point:  80008000
38   Verifying Checksum ... OK
39   XIP Kernel Image ... OK
40 OK
41
42 Starting kernel ...
43
44 Uncompressing Linux... done, booting the kernel.
45 [ 0.000000] Initializing cgroup subsys cpuset
46 [ 0.000000] Initializing cgroup subsys cpu
47 [ 0.000000] Linux version 3.2.25 (koen@Angstrom-F16-vm-rpm) (gcc version 4.5.4
20120305 (prerelease) (GCC) ) #1 Fri Aug 10 10:33:12 CEST 2012
48 [ 0.000000] CPU: ARMv7 Processor [413fc082] revision 2 (ARMv7), cr=50c53c7d
49 [ 0.000000] CPU: PIPT / VIPT nonaliasing data cache, VIPT aliasing instruction cache
50 [ 0.000000] Machine: am335xevm
51 [ 0.000000] Memory policy: ECC disabled, Data cache writeback
52 [ 0.000000] AM335X ES1.0 (sgx neon )
53 [ 0.000000] Built 1 zonelists in Zone order, mobility grouping on. Total pages: 65024
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54 [ 0.000000] Kernel command line: console=ttyO0,115200n8 run_hardware_tests
    root=/dev/mmcblk0p2 ro rootfstype=ext4 rootwait ip=None
55 [ 0.000000] PID hash table entries: 1024 (order: 0, 4096 bytes)
56 [ 0.000000] Dentry cache hash table entries: 32768 (order: 5, 131072 bytes)
57 [ 0.000000] Inode-cache hash table entries: 16384 (order: 4, 65536 bytes)
58 [ 0.000000] allocated 1048576 bytes of page_cgroup
59 [ 0.000000] please try 'cgroup_disable=memory' option if you don't want memory cgroups
60 [ 0.000000] Memory: 256MB = 256MB total
61 [ 0.000000] Memory: 253240k/253240k available, 8904k reserved, 0K highmem
62 [ 0.000000] Virtual kernel memory layout:
63 [ 0.000000]     vector : 0xffff0000 - 0xffff1000   ( 4 kB)
64 [ 0.000000]     fixmap : 0xffff0000 - 0xffffe000   ( 896 kB)
65 [ 0.000000]     vmalloc : 0xd0800000 - 0xff000000   ( 744 MB)
66 [ 0.000000]     lowmem  : 0xc0000000 - 0xd0000000   ( 256 MB)
67 [ 0.000000]     modules : 0xbf800000 - 0xc0000000   ( 8 MB)
68 [ 0.000000]       .text : 0xc0008000 - 0xc047fa10 (4575 kB)
69 [ 0.000000]       .init : 0xc0480000 - 0xc04b8000 ( 224 kB)
70 [ 0.000000]       .data : 0xc04b8000 - 0xc050a168 ( 329 kB)
71 [ 0.000000]       .bss : 0xc050a18c - 0xc0575894 ( 430 kB)
72 [ 0.000000] NR_IRQS:410 nr_irqs:410 410
73 [ 0.000000] IRQ: Found an INTC at 0xfa200000 (revision 5.0) with 128 interrupts
74 [ 0.000000] Total of 128 interrupts on 1 active controller
75 [ 0.000000] OMAP clockevent source: GPTIMER2 at 24000000 Hz
76 [ 0.000000] OMAP clocksource: GPTIMER1 at 32768 Hz
77 [ 0.000000] sched_clock: 32 bits at 32kHz, resolution 30517ns, wraps every 131071999ms
78 [ 0.000000] Console: colour dummy device 80x30
79 [ 0.000183] Calibrating delay loop... 498.89 BogoMIPS (lpj=2494464)
80 [ 0.058563] pid_max: default: 32768 minimum: 301
81 [ 0.058746] Security Framework initialized
82 [ 0.058807] Mount-cache hash table entries: 512
83 [ 0.059234] Initializing cgroup subsys cpuacct
84 [ 0.059295] Initializing cgroup subsys memory
85 [ 0.059326] Initializing cgroup subsys devices
86 [ 0.059356] Initializing cgroup subsys freezer
87 [ 0.059356] Initializing cgroup subsys blkio
88 [ 0.059387] Initializing cgroup subsys perf_event
89 [ 0.059478] CPU: Testing write buffer coherency: ok
90 [ 0.060729] devtmpfs: initialized
91 [ 0.081268] omap_hwmod: gfx: failed to hardreset
92 [ 0.097991] omap_hwmod: pruss: failed to hardreset
93 [ 0.098571] print_constraints: dummy:
94 [ 0.098876] NET: Registered protocol family 16
95 [ 0.100128] OMAP GPIO hardware version 0.1
96 [ 0.101409] omap_mux_init: Add partition: #1: core, flags: 0
97 [ 0.102935] omap_i2c.1: alias fck already exists
98 [ 0.103363] hw-breakpoint: debug architecture 0x4 unsupported.
99 [ 0.103546] omap2_mcspi.1: alias fck already exists
100 [ 0.103698] omap2_mcspi.2: alias fck already exists
101 [ 0.103881] edma.0: alias fck already exists
102 [ 0.103881] edma.0: alias fck already exists
103 [ 0.103912] edma.0: alias fck already exists
104 [ 0.104003] cape: pcm register
105 [ 0.114349] bio: create slab <bio-0> at 0
106 [ 0.115661] SCSI subsystem initialized

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107 [ 0.116607] usbcore: registered new interface driver usbfs
108 [ 0.116760] usbcore: registered new interface driver hub
109 [ 0.116943] usbcore: registered new device driver usb
110 [ 0.117095] musb-ti81xx musb-ti81xx: musb0, board_mode=0x13, plat_mode=0x3
111 [ 0.117248] musb-ti81xx musb-ti81xx: musbl, board_mode=0x13, plat_mode=0x1
112 [ 0.117797] omap_i2c omap_i2c.1: bus 1 rev2.4.0 at 100 kHz
113 [ 0.119110] Advanced Linux Sound Architecture Driver Version 1.0.24.
114 [ 0.119720] Switching to clocksource gp timer
115 [ 0.147979] musb-hdrc: version 6.0, ?dma?, otg (peripheral+host)
116 [ 0.148193] musb-hdrc musb-hdrc.0: dma type: pio
117 [ 0.148406] MUSB0 controller's USBSS revision = 4ea20800
118 [ 0.148895] musb-hdrc musb-hdrc.0: USB OTG mode controller at d081c000 using PIO,
IRQ 18
119 [ 0.149230] musb-hdrc musb-hdrc.1: dma type: pio
120 [ 0.149383] MUSB1 controller's USBSS revision = 4ea20800
121 [ 0.149536] musb-hdrc musb-hdrc.1: MUSB HDRC host driver
122 [ 0.149627] musb-hdrc musb-hdrc.1: new USB bus registered, assigned bus number 1
123 [ 0.149871] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002
124 [ 0.149871] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1
125 [ 0.149902] usb usb1: Product: MUSB HDRC host driver
126 [ 0.149932] usb usb1: Manufacturer: Linux 3.2.25 musb-hcd
127 [ 0.149932] usb usb1: SerialNumber: musb-hdrc.1
128 [ 0.150695] hub 1-0:1.0: USB hub found
129 [ 0.150726] hub 1-0:1.0: 1 port detected
130 [ 0.151275] musb-hdrc musb-hdrc.1: USB Host mode controller at d081e800 using PIO,
IRQ 19
131 [ 0.151702] NET: Registered protocol family 2
132 [ 0.151947] IP route cache hash table entries: 2048 (order: 1, 8192 bytes)
133 [ 0.152404] TCP established hash table entries: 8192 (order: 4, 65536 bytes)
134 [ 0.152648] TCP bind hash table entries: 8192 (order: 3, 32768 bytes)
135 [ 0.152770] TCP: Hash tables configured (established 8192 bind 8192)
136 [ 0.152801] TCP reno registered
137 [ 0.152801] UDP hash table entries: 256 (order: 0, 4096 bytes)
138 [ 0.152832] UDP-Lite hash table entries: 256 (order: 0, 4096 bytes)
139 [ 0.153137] NET: Registered protocol family 1
140 [ 0.153533] RPC: Registered named UNIX socket transport module.
141 [ 0.153533] RPC: Registered udp transport module.
142 [ 0.153564] RPC: Registered tcp transport module.
143 [ 0.153564] RPC: Registered tcp NFSv4.1 backchannel transport module.
144 [ 0.155517] audit: initializing netlink socket (disabled)
145 [ 0.155578] type=2000 audit(0.150:1): initialized
146 [ 0.157165] VFS: Disk quotas dquot_6.5.2
147 [ 0.157226] Dquot-cache hash table entries: 1024 (order 0, 4096 bytes)
148 [ 0.158416] msgmni has been set to 494
149 [ 0.159545] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 252)
150 [ 0.159667] io scheduler noop registered
151 [ 0.159667] io scheduler deadline registered
152 [ 0.159759] io scheduler cfq registered (default)
153 [ 0.160858] Serial: 8250/16550 driver, 4 ports, IRQ sharing enabled
154 [ 0.162414] omap_uart.0: ttyO0 at MMIO 0x44e09000 (irq = 72) is a OMAP UART0
155 [ 0.792907] console [ttyO0] enabled
156 [ 0.797210] omap_uart.1: ttyO1 at MMIO 0x48022000 (irq = 73) is a OMAP UART1
157 [ 0.805175] omap_uart.2: ttyO2 at MMIO 0x48024000 (irq = 74) is a OMAP UART2
158 [ 0.813049] omap_uart.3: ttyO3 at MMIO 0x481a6000 (irq = 44) is a OMAP UART3

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159 [ 0.820953] omap_uart.4: ttyO4 at MMIO 0x481a8000 (irq = 45) is a OMAP UART4
160 [ 0.828826] omap_uart.5: ttyO5 at MMIO 0x481aa000 (irq = 46) is a OMAP UART5
161 [ 0.838073] brd: module loaded
162 [ 0.846069] loop: module loaded
163 [ 0.849487] at24 1-0051: 32768 byte 24c256 EEPROM, writable, 64 bytes/write
164 [ 0.910339] No daughter card found
165 [ 0.913970] at24 1-0050: 32768 byte 24c256 EEPROM, writable, 64 bytes/write
166 [ 0.929260] Board name: A335BONE
167 [ 0.932678] Board version: 00A3
168 [ 0.936004] The board is a AM335x Beaglebone.
169 [ 0.941284] tps65217 1-0024: TPS65217 ID 0x7 version 1.0
170 [ 0.948760] print_constraints: DCDC1: 900 <--> 1800 mV at 1800 mV
171 [ 0.957275] print_constraints: DCDC2: 900 <--> 3300 mV at 1275 mV
172 [ 0.965728] print_constraints: DCDC3: 900 <--> 1500 mV at 1100 mV
173 [ 0.974151] print_constraints: LDO1: 1000 <--> 3300 mV at 1800 mV
174 [ 0.982604] print_constraints: LDO2: 900 <--> 3300 mV at 3300 mV
175 [ 0.990936] print_constraints: LDO3: 1800 <--> 3300 mV at 3300 mV
176 [ 0.999359] print_constraints: LDO4: 1800 <--> 3300 mV at 3300 mV
177 [ 1.006408] Maximum current provided by the USB port is 500mA which is not
sufficient when operating @OPP120 and OPPTURBO. The current requirement for some
use-cases using OPP100 might also exceed the maximum current that the USB port can
provide. Unless you are fully confident that the current requirements for OPP100
use-case don't exceed the USB limits, switching to AC power is recommended.
178 [ 1.043487] omap_i2c.3: alias fck already exists
179 [ 1.048706] omap_i2c omap_i2c.3: bus 3 rev2.4.0 at 100 kHz
180 [ 1.059112] at24 3-0054: 32768 byte 24c256 EEPROM, writable, 64 bytes/write
181 [ 1.120361] BeagleBone cape EEPROM: could not read eeprom at address 0x54
182 [ 1.127563] at24 3-0055: 32768 byte 24c256 EEPROM, writable, 64 bytes/write
183 [ 1.190368] BeagleBone cape EEPROM: could not read eeprom at address 0x55
184 [ 1.197570] at24 3-0056: 32768 byte 24c256 EEPROM, writable, 64 bytes/write
185 [ 1.260375] BeagleBone cape EEPROM: could not read eeprom at address 0x56
186 [ 1.267578] at24 3-0057: 32768 byte 24c256 EEPROM, writable, 64 bytes/write
187 [ 1.330383] BeagleBone cape EEPROM: could not read eeprom at address 0x57
188 [ 1.337707] omap_hsmmc.0: alias fck already exists
189 [ 1.343017] BeagleBone cape: exporting ADC pins to sysfs
190 [ 1.348876] Beaglebone: initializing onboard LEDs
191 [ 1.353881] BeagleBone cape: exporting SPI pins as spidev
192 [ 1.360107] BeagleBone cape: initializing wl-gpio
193 [ 1.365234] wl-gpio connected to P8_6
194 [ 1.369781] SCSI Media Changer driver v0.25
195 [ 1.374694] CAN device driver interface
196 [ 1.378753] CAN bus driver for Bosch D_CAN controller 1.0
197 [ 1.430419] davinci_mdio davinci_mdio.0: davinci mdio revision 1.6
198 [ 1.436920] davinci_mdio davinci_mdio.0: detected phy mask ffffffff
199 [ 1.444580] davinci_mdio.0: probed
200 [ 1.448181] davinci_mdio davinci_mdio.0: phy[0]: device 0:00, driver SMSC
LAN8710/LAN8720
201 [ 1.457061] usbcore: registered new interface driver cdc_acm
202 [ 1.463073] cdc_acm: USB Abstract Control Model driver for USB modems and ISDN
adapters
203 [ 1.471618] usbcore: registered new interface driver usbblp
204 [ 1.477478] usbcore: registered new interface driver cdc_wdm
205 [ 1.483520] usbcore: registered new interface driver uas
206 [ 1.489135] Initializing USB Mass Storage driver...

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207 [ 1.494445] usbcore: registered new interface driver usb-storage
208 [ 1.500793] USB Mass Storage support registered.
209 [ 1.505767] usbcore: registered new interface driver libusual
210 [ 1.512329] mousedev: PS/2 mouse device common for all mice
211 [ 1.518829] dev addr = cfa08608
212 [ 1.522186] pdev addr = cfa08600
213 [ 1.526397] omap_rtc omap_rtc: rtc core: registered omap_rtc as rtc0
214 [ 1.533142] omap_rtc: already running
215 [ 1.537170] i2c /dev entries driver
216 [ 1.541351] Linux media interface: v0.10
217 [ 1.545593] Linux video capture interface: v2.00
218 [ 1.550811] Driver for 1-wire Dallas network protocol.
219 [ 1.557617] OMAP Watchdog Timer Rev 0x01: initial timeout 60 sec
220 [ 1.565521] cpuidle: using governor ladder
221 [ 1.570037] cpuidle: using governor menu
222 [ 1.577178] usbcore: registered new interface driver usbhid
223 [ 1.583099] usbhid: USB HID core driver
224 [ 1.588195] usbcore: registered new interface driver snd-usb-audio
225 [ 1.595794] ALSA device list:
226 [ 1.598907]   No soundcards found.
227 [ 1.602966] TCP cubic registered
228 [ 1.606353] Initializing XFRM netlink socket
229 [ 1.610931] NET: Registered protocol family 17
230 [ 1.615661] NET: Registered protocol family 15
231 [ 1.620361] can: controller area network core (rev 20090105 abi 8)
232 [ 1.626983] NET: Registered protocol family 29
233 [ 1.631713] can: raw protocol (rev 20090105)
234 [ 1.636230] Registering the dns_resolver key type
235 [ 1.641296] VFP support v0.3: implementor 41 architecture 3 part 30 variant c rev 3
236 [ 1.649383] ThumbEE CPU extension supported.
237 [ 1.653961] mux: Failed to setup hwmod io irq -22
238 [ 1.659759] Power Management for AM33XX family
239 [ 1.664672] Trying to load am335x-pm-firmware.bin (60 secs timeout)
240 [ 1.671417] Copied the M3 firmware to UMEM
241 [ 1.681396] registered taskstats version 1
242 [ 1.686035] Detected MACID=d4:94:a1:39:ed:c
243 [ 1.691589] omap_rtc omap_rtc: setting system clock to 2000-01-01 01:35:27 UTC
    (946690527)
244 [ 1.701171] Waiting for root device /dev/mmcblk0p2...
245 [ 1.741912] mmc0: host does not support reading read-only switch. assuming
write-enable.
246 [ 1.753051] mmc0: new high speed SDHC card at address 1234
247 [ 1.759460] mmcblk0: mmc0:1234 SA04G 3.67 GiB
248 [ 1.766632]   mmcblk0: p1 p2
249 [ 1.830230] EXT4-fs (mmcblk0p2): mounted filesystem with ordered data mode. Opts:
(null)
250 [ 1.838897] VFS: Mounted root (ext4 filesystem) readonly on device 179:2.
251 [ 1.856109] devtmpfs: mounted
252 [ 1.859680] Freeing init memory: 224K
253
254 Welcome to ESC[1;35mThe Ångström DistributionESC[0m!
255
256 [ 2.390228] NET: Registered protocol family 10
257 Starting udev Coldplug all Devices...

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258 Starting Remount API VFS...
259 Starting Temporary Directory...
260 Started Set Up Additional Binary Formats [ESC[1;32m
    OK [ESC[0m]
261 Started Huge Pages File System [ESC[1;32m
    OK [ESC[0m]
262 Starting Debug File System...
263 Starting POSIX Message Queue File System...
264 Starting Apply Kernel Variables...
265 Starting Journal Service...
266 Started Journal Service [ESC[1;32m
    OK [ESC[0m]
267 Starting Load Kernel Modules...
268 Starting udev Kernel Device Manager...
269 Starting File System Check on Root Device...
270 Started Remount API VFS [ESC[1;32m
    OK [ESC[0m]
271 Started Temporary Directory [ESC[1;32m
    OK [ESC[0m]
272 Started Debug File System [ 3.278259]
    udevd[64]: starting version 182
273 [ESC[1;32m OK [ESC[0m]
274 Started udev Kernel Device Manager [ESC[1;32m
    OK [ESC[0m]
275 Started POSIX Message Queue File System [ESC[1;32m
    OK [ESC[0m]
276 Started Apply Kernel Variables [ 3.322021] Bluetooth: Core ver 2.16
277 [ 3.326080] NET: Registered protocol family 31
278 [[ 3.332092] Bluetooth: HCI device and connection manager initialized
279 [ESC[1;32m OK [ESC[0m [ 3.340179] Bluetooth: HCI socket layer initialized
280 m]
281 [ 3.346710] Bluetooth: L2CAP socket layer initialized
282 [ 3.352416] Bluetooth: SCO socket layer initialized
283 [ 3.416198] Bluetooth: HIDP (Human Interface Emulation) ver 1.2
284 Started udev Coldplug all Devices [ESC[1;32m
    OK [ESC[0m]
285 [ 3.529388] NET: Registered protocol family 23
286 [ 3.573181] IrCOMM protocol (Dag Brattli)
287 [ 3.664764] Bluetooth: RFCOMM TTY layer initialized
288 [ 3.669982] Bluetooth: RFCOMM socket layer initialized
289 [ 3.675476] Bluetooth: RFCOMM ver 1.11
290 Started Load Kernel Modules [ESC[1;32m
    OK [ESC[0m]
291 Started Configuration File System [ESC[1;32m
    OK [ESC[0m]
292 Started FUSE Control File System [ESC[1;32m
    OK [ESC[0m]
293 systemd-fsck[65]: Angstrom-Cloud9: clean, 51905/218592 files, 304442/873534 blocks
294 Started File System Check on Root Device [ESC[1;32m
    OK [ESC[0m]
295 Starting Remount Root FS...
296 [ 4.846923] EXT4-fs (mmcblk0p2): re-mounted. Opts: (null)
297 Started Remount Root FS [ESC[1;32m
    OK [ESC[0m]

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298 Started Run pending postinsts [ESC][1;32m
    OK [ESC][0m]
299 Starting Load Random Seed...
300 Starting Recreate Volatile Files and Directories...
301 Started Machine ID first boot configure [ESC][1;32m
    OK [ESC][0m]
302 Started Load Random Seed [ESC][1;32m
    OK [ESC][0m]
303 Started Recreate Volatile Files and Directories [ESC][1;32m
    OK [ESC][0m]
304 Starting Console System Startup Logging...
305 Starting Restore Sound Card State...
306 Starting xinetd.service...
307 Starting Periodic Command Scheduler...
308 Started Periodic Command Scheduler [ESC][1;32m
    OK [ESC][0m]
309 Starting Avahi mDNS/DNS-SD Stack...
310 Starting Connection service...
311 Starting Timestamping service...
312 Started Timestamping service [ESC][1;32m
    OK [ESC][0m]
313 Starting Angstrom LED config...
314 Started Angstrom LED config [ESC][1;32m
    OK [ESC][0m]
315 Starting Beaglebone cape support...
316 Starting Start usb mass storage gadget...
317 Started Start usb mass storage gadget [ESC][1;32m
    OK [ESC][0m]
318 Starting Beaglebone 101 presentation...
319 Started Beaglebone 101 presentation [ESC][1;32m
    OK [ESC][0m]
320 Starting Cloud9 IDE...
321 Started Cloud9 IDE [ESC][1;32m
    OK [ESC][0m]
322 Starting GateOne daemon...
323 Started GateOne daemon [ESC][1;32m
    OK [ESC][0m]
324 [ 5.884307] gadget: Mass Storage Function, version: 2009/09/11
325 [ 5.890625] gadget: Number of LUNs=1
326 [ 5.894561] lun0: LUN: removable file: /dev/mmcblk0p1
327 [ 5.900024] gadget: Mass Storage Gadget, version: 2009/09/11
328 [ 5.906127] gadget: userspace failed to provide iSerialNumber
329 [ 5.912322] gadget: g_mass_storage ready
330 [ 5.916564] musb-hdrc musb-hdrc.0: MUSB HDRC host driver
331 [ 5.922241] musb-hdrc musb-hdrc.0: new USB bus registered, assigned bus number 2
332 [ 5.930175] usb usb2: New USB device found, idVendor=1d6b, idProduct=0002
333 [ 5.937377] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=1
334 [ 5.945007] usb usb2: Product: MUSB HDRC host driver
335
336 [ 5.950256] usb usb2: Manufacturer: Linux 3.2.25 musb-hcd
337
338 [ 5.955963] usb usb2: SerialNumber: musb-hdrc.0
339 [ 5.979034] hub 2-0:1.0: USB hub found
340 [ 5.983123] hub 2-0:1.0: 1 port detected
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341 [ 5.987304] musb_g_ep0_irq 720: SetupEnd came in a wrong ep0stage setup
342 Started SSH Key Generation [ESC[1;32m
    OK [ESC[0m]
343 Starting Login Service...
344 Starting BeagleBone Tester...
345 Started BeagleBone Tester [ESC[1;32m
    OK [ESC[0m]
346 Starting Permit User Sessions...
347 Starting D-Bus System Message Bus...
348 Started Console System Startup Logging [ESC[1;32m
    OK [ESC[0m]
349 Started Restore Sound Card State [ESC[1;32m
    OK [ESC[0m]
350 Started Permit User Sessions [ 6.350128] gadget: high-speed config #1: Linux
    File-Backed Storage
351 [ESC[1;32m OK [ESC[0m]
352 Starting Getty on tty1...
353 Started Getty on tty1 [ESC[1;32m
    OK [ESC[0m]
354 Starting Serial Getty on tty00...
355 Started Serial Getty on tty00 Started D-Bus System Message
    Bus [ESC[1;32m OK [ESC[0m]
356 xinetd[215]: Starting internet superserver: xinetd.
357 Started xinetd.service [ESC[1;32m
    OK [ESC[0m]
358 Starting pvr-init.service...
359 Started Beaglebone cape support [ESC[1;32m
    OK [ESC[0m]
360 Started pvr-init.service [ESC[1;32m
    OK [ESC[0m]
361 Started Avahi mDNS/DNS-SD Stack [ESC[1;32m
    OK [ESC[0m]
362 Started Connection service [ESC[1;32m
    OK [ESC[0m]
363 Started Login Service [ESC[1;32m
    OK [ESC[0m]
364 [ 7.832397] ip_tables: (C) 2000-2006 Netfilter Core Team
365 [ 8.227478]
366 [ 8.227478] CPSW phy found : id is : 0x7c0f1
367 [ 8.234436] PHY 0:01 not found
368 [ 8.262908] ADDRCONF(NETDEV_UP): eth0: link is not ready
369 Starting Gnome Display Manager...
370 Started Gnome Display Manager [ESC[1;32m
    OK [ESC[0m]
371 [ 12.222229] PHY: 0:00 - Link is Up - 100/Full
372 [ 12.227050] ADDRCONF(NETDEV_CHANGE): eth0: link becomes ready
373
374 .---O---.
375 |         |         .-.         o o
376 |   |   |   |-----|-----|   |   |-----|-----|
377 |   |   |   |   _   |---|   |---|   |   |   |   |
378 |   |   |   |   |   |---|   |---|   |   |   |   |
379 |---|---|---|---|---|---|---|---|---|---|---|
380         -' |

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381         ' _ _ _ '
382
383     The Angstrom Distribution beaglebone tty00
384
385     Angstrom v2012.05 - Kernel 3.2.25
386
387     beaglebone login: root
388     Last login: Tue Aug 14 10:24:19 UTC 2012 on tty00
389     root@beaglebone:~#
```