

FreeBSDで起動時のメッセージを確認する方法

2016/04/04

すぐ忘れるのでメモ

概要

boot時のメッセージを後から確認したい場合`/var/run/dmesg.boot`を確認すればいい。

どこかのVPSで稼働しているFreeBSDの例。

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root@asia03221:/var/run # cat /var/run/dmesg.boot
Copyright (c) 1992-2015 The FreeBSD Project.
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    The Regents of the University of California. All rights reserved.
FreeBSD is a registered trademark of The FreeBSD Foundation.
FreeBSD 10.2-RELEASE-p9 #0: Thu Jan 14 01:32:46 UTC 2016
    root@amd64-builder.daemonology.net:/usr/obj/usr/src/sys/GENERIC amd64
FreeBSD clang version 3.4.1 (tags/RELEASE_34/dot1-final 208032) 20140512
CPU: Westmere E56xx/L56xx/X56xx (Nehalem-C) (2400.14-MHz K8-class CPU)
    Origin="GenuineIntel" Id=0x206c1 Family=0x6 Model=0x2c Stepping=1
Features=0x1f83f3ff<FPU,VME,DE,PSE,TSC,MSR,PAE,MCE,CX8,APIC,MTRR,PGE,MCA,CMO
V,PAT,PSE36,MMX,FXSR,SSE,SSE2,SS,HTT>
Features2=0x82b82203<SSE3,PCLMULQDQ,SSSE3,CX16,SSE4.1,SSE4.2,x2APIC,POPCNT,A
ESNI,HV>
    AMD Features=0x20100800<SYSCALL,NX,LM>
    AMD Features2=0x1<LAHF>
real memory = 2147483648 (2048 MB)
avail memory = 2050465792 (1955 MB)
Event timer "LAPIC" quality 400
ACPI APIC Table: <BOCHS BXPCAPIC>
FreeBSD/SMP: Multiprocessor System Detected: 3 CPUs
FreeBSD/SMP: 1 package(s) x 1 core(s) x 3 HTT threads
    cpu0 (BSP): APIC ID: 0
    cpu1 (AP/HT): APIC ID: 1
    cpu2 (AP/HT): APIC ID: 2
ioapic0 <Version 1.1> irqs 0-23 on motherboard
random: <Software, Yarrow> initialized
kbd1 at kbdmux0
acpi0: <BOCHS BXPCRSDT> on motherboard
acpi0: Power Button (fixed)
cpu0: <ACPI CPU> on acpi0
cpu1: <ACPI CPU> on acpi0
cpu2: <ACPI CPU> on acpi0
atrtc0: <AT realtime clock> port 0x70-0x71,0x72-0x77 irq 8 on acpi0
Event timer "RTC" frequency 32768 Hz quality 0
Timecounter "ACPI-fast" frequency 3579545 Hz quality 900
acpi_timer0: <24-bit timer at 3.579545MHz> port 0xb008-0xb00b on acpi0
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pcib0: <ACPI Host-PCI bridge> port 0xcf8-0xcff on acpi0
pci0: <ACPI PCI bus> on pcib0
pci_link4: Unable to route IRQs: AE_NOT_FOUND
isab0: <PCI-ISA bridge> at device 1.0 on pci0
isa0: <ISA bus> on isab0
atapci0: <Intel PIIX3 WDMA2 controller> port
0x1f0-0x1f7,0x3f6,0x170-0x177,0x376,0xc000-0xc00f at device 1.1 on pci0
ata0: <ATA channel> at channel 0 on atapci0
ata1: <ATA channel> at channel 1 on atapci0
uhci0: <Intel 82371SB (PIIX3) USB controller> port 0xc020-0xc03f irq 11 at
device 1.2 on pci0
usb0: controller did not stop
usb0 on uhci0
pci0: <bridge> at device 1.3 (no driver attached)
vgapci0: <VGA-compatible display> mem 0xf0000000-0xf0ffffff at device 2.0 on
pci0
vgapci0: Boot video device
em0: <Intel(R) PRO/1000 Legacy Network Connection 1.0.6> port 0xc040-0xc07f
mem 0xf1020000-0xf103ffff irq 11 at device 3.0 on pci0
em0: Ethernet address: xx:xx:xx:xx:xx:xx
virtio_pci0: <VirtIO PCI Balloon adapter> port 0xc080-0xc09f irq 11 at
device 4.0 on pci0
vtballoon0: <VirtIO Balloon Adapter> on virtio_pci0
em1: <Intel(R) PRO/1000 Legacy Network Connection 1.0.6> port 0xc0c0-0xc0ff
mem 0xf1060000-0xf107ffff irq 10 at device 5.0 on pci0
em1: Ethernet address: xx:xx:xx:xx:xx:xx
em2: <Intel(R) PRO/1000 Legacy Network Connection 1.0.6> port 0xc100-0xc13f
mem 0xf10a0000-0xf10bffff irq 10 at device 6.0 on pci0
em2: Ethernet address: xx:xx:xx:xx:xx:xx
atkbd0: <Keyboard controller (i8042)> port 0x60,0x64 irq 1 on acpi0
atkbd0: <AT Keyboard> irq 1 on atkbd0
kbd0 at atkbd0
atkbd0: [GIANT-LOCKED]
psm0: <PS/2 Mouse> irq 12 on atkbd0
psm0: [GIANT-LOCKED]
psm0: model IntelliMouse Explorer, device ID 4
fdc0: <floppy drive controller> port 0x3f2-0x3f5,0x3f7 irq 6 drq 2 on acpi0
fdc0: does not respond
device_attach: fdc0 attach returned 6
uart0: <Non-standard ns8250 class UART with FIFOs> port 0x3f8-0x3ff irq 4
flags 0x10 on acpi0
qpi0: <QPI system bus> on motherboard
orm0: <ISA Option ROMs> at iomem
0xca000-0xca7ff,0xca800-0xcacfff,0xcb000-0xcb7ff on isa0
sc0: <System console> at flags 0x100 on isa0
sc0: VGA <16 virtual consoles, flags=0x300>
vga0: <Generic ISA VGA> at port 0x3c0-0x3df iomem 0xa0000-0xbffff on isa0
attimer0: <AT timer> at port 0x40 on isa0
Timecounter "i8254" frequency 1193182 Hz quality 0
Event timer "i8254" frequency 1193182 Hz quality 100
fdc0: No FDOOUT register!
```

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ppc0: cannot reserve I/O port range
Timecounters tick every 1.000 msec
usb0: 12Mbps Full Speed USB v1.0
ugen0.1: <Intel> at usb0
uhub0: <Intel UHCI root HUB, class 9/0, rev 1.00/1.00, addr 1> on usb0
ada0 at ata0 bus 0 scbus0 target 0 lun 0
cd0 at ata1 bus 0 scbus1 target 0 lun 0
cd0: <QEMU QEMU DVD-ROM 0.12> Removable CD-ROM SCSI device
cd0: Serial Number QM00003
cd0: 16.700MB/s transfers (WDMA2, ATAPI 12bytes, PIO 65534bytes)
cd0: Attempt to query device size failed: NOT READY, Medium not present
ada0: <QEMU HARDDISK 0.12.1> ATA-7 device
ada0: Serial Number QM00001
ada0: 16.700MB/s transfers (WDMA2, PIO 8192bytes)
ada0: 204800MB (419430400 512 byte sectors: 16H 63S/T 16383C)
ada0: Previously was known as ad0
random: unblocking device.
uhub0: 2 ports with 2 removable, self powered
SMP: AP CPU #2 Launched!
SMP: AP CPU #1 Launched!
Root mount waiting for: usb0
ugen0.2: <QEMU 0.12.1> at usb0
Trying to mount root from ufs:/dev/ad0s1a [rw]...
uhid0: <QEMU 0.12.1 QEMU USB Tablet, class 0/0, rev 1.00/0.00, addr 2> on
usb0
root@asia03221:/var/run #
```

ログ見て「そういや3コアだったなあ」とか思い出した...

[技術資料](#), [FreeBSD](#), [boot](#), [log](#)

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Last update: **2024/11/01 16:25**

