

Replicant - Issue #1911

Samsung Keyboard Dock works for encryption password entry, stops working once Replicant is loaded

02/12/2019 10:01 AM - G S

Status:	New	Start date:	02/12/2019
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	Replicant 6.0	Spent time:	0.00 hour
Resolution:		Device:	
Description			
Two tablets: Galaxy Tab 2 10.1 (P5110) and Galaxy Tab 2 7.0 (P3110) running Replicant 6.0 0003.			
Plugged both of those into original Samsung Keyboard Dock, like this one: https://www.amazon.de/Samsung-ECR-K12UWEG-Keyboard-QWERTY-Galaxy/dp/B006J7G84U/			
When tablet cold-boots while plugged into Samsung Keyboard Dock - the Dock keyboard works fine during early stages of boot - user could type device encryption password on Docks's hardware keyboard just fine.			
But once Replicant loading is complete - the Dock's keyboard is no longer operational. It is still visible by system as attached hardware keyboard, but no key pressure is passed into the system.			
In the attached dmesg, dock seem to be creating lines "kbd" and "sec_keyboard".			

History

#1 - 10/11/2019 08:57 PM - G S

Just installed <https://replicant.cyberdimension.org/ethernet-test-0001/> to Galaxy Tab 2 7.0 (WiFi)

Upon first boot I plugged tablet into dock, indicator light on the dock turned on and dock worked for some minutes, entering the text into tablet and switching windows by dock's top row keys. Until I pressed 'lock' button - sixth from the left in top row of control keys on the dock. This sent tablet to immediate reboot and I am unable to make dock work ever again. I tried plugging tablet into dock after loading, tried cold boot with tablet plugged in - dock does not switch on.

dmesg output:

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[ 0.725921] usbcore: registered new interface driver kbtab
[ 0.726287] kbtab: v0.0.2:USB KB Gear JamStudio Tablet driver
[ 0.726287] usbcore: registered new interface driver wacom
[ 0.726776] wacom: v1.52:USB Wacom tablet driver
[ 0.727294] input: melfas_ts as /devices/virtual/input/input0
[ 0.728088] tsp: ts_probe: Start touchscreen. name: melfas_ts, irq: 206
[ 0.728607] GPIO Input Driver: Start gpio inputs for espresso-gpio-keypad in interrupt mode
[ 0.728912] GPIO Input Driver: Start gpio inputs for espresso-gpio-keypad in interrupt mode
[ 0.729553] input: espresso-gpio-keypad as /devices/virtual/input/input1
[ 0.734466] using rtc device, twl_rtc, for alarms
[ 0.734466] twl_rtc twl_rtc: rtc core: registered twl_rtc as rtc0
[ 0.734466] i2c /dev entries driver
[ 0.736328] dmm: probe base: fd300000, irq 145
[ 0.899932] max17042 7-0036: probed
[ 0.904510] smb136-charger 5-004d: probed
[ 0.905731] OMAP Watchdog Timer Rev 0x00: initial timeout 60 sec
[ 0.907745] device-mapper: uevent: version 1.0.3
[ 0.908782] device-mapper: ioctl: 4.20.0-ioctl (2011-02-02) initialised: dm-devel@redhat.com
[ 0.908782] Bluetooth: HCI UART driver ver 2.2
[ 0.909454] Bluetooth: HCI H4 protocol initialized
[ 0.909973] cpuidle: using governor ladder
[ 0.910003] cpuidle: using governor menu
[ 0.917144] usbcore: registered new interface driver usbhid
[ 0.917358] usbhid: USB HID core driver
[ 0.925842] OMAP HSI: HSI driver version 0.4.3
[ 0.926239] omap_hsi omap_hsi.0: Registering IRQ hsi_pl_mpu (99)
[ 0.926483] omap_hsi omap_hsi.0: HSI port 1 initialized
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[ 0.926605] omap_hsi omap_hsi.0: Registering IRQ hsi_dma_mpu (103)
[ 0.926940] omap_hsi omap_hsi.0: HSI Hardware REVISION 0x50043101
[ 0.928741] omap_hsi omap_hsi.0: Cannot set HSI FClk to default value: 96000000. Will retry on next open
[ 0.963165] yas_acc_core_driver_init: set from board file.
[ 0.963378] yas_acc_core_driver_init: accelerometer position is 7
[ 0.963836] input: accelerometer as /devices/virtual/input/input2
[ 0.964233] yas_acc_probe -
[ 0.964538] i2c-core: driver [accelerometer] using legacy suspend method
[ 0.964721] i2c-core: driver [accelerometer] using legacy resume method
[ 0.995025] input: geomagnetic as /devices/platform/omap/omap_i2c.4/i2c-4/4-002e/input/input3
[ 0.995666] input: geomagnetic_raw as /devices/platform/omap/omap_i2c.4/i2c-4/4-002e/input/input4
[ 0.996032] geomagnetic_probe: set from board file.
[ 0.996154] geomagnetic_probe: yas magnetic position is 7
[ 0.996612] geomagnetic_probe: yamaha magnetic sensor id = 1
[ 0.996887] i2c-core: driver [geomagnetic] using legacy suspend method
[ 0.997070] i2c-core: driver [geomagnetic] using legacy resume method
[ 0.997802] input: orientation as /devices/virtual/input/input5
[ 1.027862] input: light_sensor as /devices/virtual/input/input6
[ 1.028320] al3201_probe: success!
[ 1.028961] usbcore: registered new interface driver snd-usb-audio
[ 1.095428] wm8994-codec wm8994-codec: Failed to request Jack detect IRQ: -22
[ 1.125823] asoc: wm8994-aif1 <-> omap-mcbasp-dai.2 mapping ok
[ 1.127838] asoc: wm8994-aif2 <-> CP mapping ok
[ 1.129669] asoc: wm8994-aif3 <-> BT mapping ok
[ 1.130828] ALSA device list:
[ 1.131042]   #0: omap4_wm8994
[ 1.131317] GACT probability NOT on
[ 1.131439] Mirror/redirect action on
[ 1.131561] u32 classifier
[ 1.131744]   Actions configured
[ 1.131866] Netfilter messages via NETLINK v0.30.
[ 1.132049] nf_contrack version 0.5.0 (14646 buckets, 58584 max)
[ 1.134124] ctnetlink v0.93: registering with nfnetlink.
[ 1.134307] NF_TPROXY: Transparent proxy support initialized, version 4.1.0
[ 1.134521] NF_TPROXY: Copyright (c) 2006-2007 BalaBit IT Ltd.
[ 1.135253] xt_time: kernel timezone is -0000
[ 1.135711] mmc0: new high speed DDR MMC card at address 0001
[ 1.136322] mmcblk0: mmc0:0001 M8G2FB 7.28 GiB
[ 1.136718] mmcblk0boot0: mmc0:0001 M8G2FB partition 1 2.00 MiB
[ 1.136993] mmcblk0boot1: mmc0:0001 M8G2FB partition 2 2.00 MiB
[ 1.142272] ip_tables: (C) 2000-2006 Netfilter Core Team
[ 1.142883]   mmcblk0: p1 p2 p3 p4 p5 p6 p7 p8 p9 p10 p11
[ 1.146179] arp_tables: (C) 2002 David S. Miller
[ 1.146392]   mmcblk0boot1: unknown partition table
[ 1.147430] TCP cubic registered
[ 1.147552] Initializing XFRM netlink socket
[ 1.147949]   mmcblk0boot0: unknown partition table
[ 1.150146] NET: Registered protocol family 10
[ 1.160797] Mobile IPv6
[ 1.160949] ip6_tables: (C) 2000-2006 Netfilter Core Team
[ 1.161560] IPv6 over IPv4 tunneling driver
[ 1.169616] NET: Registered protocol family 17
[ 1.169860] NET: Registered protocol family 15
[ 1.170318] Bridge firewalling registered
[ 1.170623] Bluetooth: RFCOMM TTY layer initialized
[ 1.170837] Bluetooth: RFCOMM socket layer initialized
[ 1.170959] Bluetooth: RFCOMM ver 1.11
[ 1.171173] Bluetooth: BNEP (Ethernet Emulation) ver 1.3
[ 1.171295] Bluetooth: HIDP (Human Interface Emulation) ver 1.2
[ 1.171661] NET: Registered protocol family 35
[ 1.172302] Registering the dns_resolver key type
[ 1.172454] VFP support v0.3: implementor 41 architecture 3 part 30 variant 9 rev 4
[ 1.172790] ThumbEE CPU extension supported.
[ 1.172943] Registering SWP/SWPB emulation handler
[ 1.173156] Registering SDIV/UDIV emulation handler
[ 1.179748] Reprogramming LPDDR2 timings to 400000000 Hz
[ 1.180267] sr_init: No PMIC hook to init smartreflex
[ 1.180694] smartreflex smartreflex.0: omap_sr_probe: SmartReflex driver initialized
[ 1.181091] smartreflex smartreflex.1: omap_sr_probe: SmartReflex driver initialized
[ 1.181457] smartreflex smartreflex.2: omap_sr_probe: SmartReflex driver initialized
[ 1.182006] SmartReflex class 1.5 driver: initialized (86400000ms)
[ 1.182800] cpufreq_interactive_input_connect: connect to melfas_ts
[ 1.183471] Power Management for TI OMAP4.
[ 1.183898] OMAP4 PM: Static dependency added between MPUSS <-> EMIF, MPUSS <-> L4_PER/CFG MPUSS <-> L3_MAI
N_1.

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[ 1.184112] OMAP4 PM: Static dependency added between DUCATI <-> L4_PER/CFG and DUCATI <-> L3.
[ 1.194519] clock: disabling unused clocks to save power
[ 1.213592] sr_classlp5_calib_work: mpu: Calibration complete: Voltage Nominal=1200000Calib=1063480 margin=0
[ 1.213806] sr_classlp5_calib_work: iva: Calibration complete: Voltage Nominal=950000Calib=848260 margin=0
[ 1.214050] sr_classlp5_calib_work: core: Calibration complete: Voltage Nominal=1127000Calib=1050820 margin=0
[ 1.279998] cannot apply mgr(lcd) on inactive device
[ 1.280303] omapfb omapfb: failed to apply dispc config
[ 1.280487] cannot apply mgr(tv) on inactive device
[ 1.280761] omapfb omapfb: failed to apply dispc config
[ 1.280914] cannot apply mgr(lcd2) on inactive device
[ 1.281219] omapfb omapfb: failed to apply dispc config
[ 1.295318] mmcl: host does not support reading read-only switch. assuming write-enable.
[ 1.307312] mmcl: new high speed SD card at address 0790
[ 1.307922] mmcblk1: mmc1:0790 SD02G 1.83 GiB
[ 1.309417] mmcblk1: p1
[ 1.377685] sr_classlp5_calib_work: core: Calibration complete: Voltage Nominal=962000Calib=886240 margin=0
[ 1.378143] sr_classlp5_calib_work: mpu: Calibration complete: Voltage Nominal=1025000Calib=886240 margin=0
[ 1.613342] regulator_init_complete: LDO2: disabling
[ 1.614654] regulator_init_complete: LDOLN: disabling
[ 1.616394] regulator_init_complete: LDOUSB: disabling
[ 1.619537] twl_rtc twl_rtc: setting system clock to 2019-10-11 20:39:10 UTC (1570826350)
[ 1.621887] charger_detect_work: cable flag : 0, cable_type : 0
[ 1.622131] smb136-charger 5-004d: charging current limit set to 0.1A
[ 1.629913] cable detect:TA detach, current device = 0x0000
[ 1.630249] batman_probe: Battery manager probe done
[ 1.631713] Warning: unable to open an initial console.
[ 1.632171] Freeing init memory: 392K
[ 1.638427] init: init started!
[ 1.654235] SELinux: 2048 avtab hash slots, 5389 rules.
[ 1.664093] SELinux: 2048 avtab hash slots, 5389 rules.
[ 1.664581] SELinux: 1 users, 2 roles, 584 types, 0 bools, 1 sens, 1024 cats
[ 1.665191] SELinux: 87 classes, 5389 rules
[ 1.670288] SELinux: Completing initialization.
[ 1.670532] SELinux: Setting up existing superblocks.
[ 1.670989] SELinux: initialized (dev sysfs, type sysfs), uses genfs_contexts
[ 1.671264] SELinux: initialized (dev rootfs, type rootfs), uses genfs_contexts
[ 1.671844] SELinux: initialized (dev bdev, type bdev), not configured for labeling
[ 1.672302] SELinux: initialized (dev proc, type proc), uses genfs_contexts
[ 1.672576] SELinux: initialized (dev tmpfs, type tmpfs), uses transition SIDs
[ 1.673034] SELinux: initialized (dev debugfs, type debugfs), uses genfs_contexts
[ 1.722259] SELinux: initialized (dev sockfs, type sockfs), uses task SIDs
[ 1.722717] SELinux: initialized (dev pipefs, type pipefs), uses task SIDs
[ 1.723144] SELinux: initialized (dev anon_inodefs, type anon_inodefs), not configured for labeling
[ 1.723419] SELinux: initialized (dev devpts, type devpts), uses transition SIDs
[ 1.723907] SELinux: initialized (dev selinuxfs, type selinuxfs), uses genfs_contexts
[ 1.724548] SELinux: initialized (dev usbfs, type usbfs), uses genfs_contexts
[ 1.724822] SELinux: initialized (dev tmpfs, type tmpfs), uses transition SIDs
[ 1.725280] SELinux: initialized (dev sysfs, type sysfs), uses genfs_contexts
[ 1.950561] type=1403 audit(1570826350.828:2): policy loaded auid=4294967295 ses=4294967295
[ 1.952239] type=1404 audit(1570826350.828:3): enforcing=1 old_enforcing=0 auid=4294967295 ses=4294967295
[ 2.159484] init: (Initializing SELinux enforcing took 0.52s.)
[ 2.187377] init: init second stage started!
[ 2.280639] init: waitpid failed: No child processes
[ 2.281463] init: (Loading properties from /default.prop took 0.00s.)
[ 2.284759] init: (Parsing /init.environ.rc took 0.00s.)
[ 2.285400] init: (Parsing /init.usb.rc took 0.00s.)
[ 2.286254] init: (Parsing init.omap4.rc took 0.00s.)
[ 2.286834] init: (Parsing init.espresso.sensors.rc took 0.00s.)
[ 2.287292] init: (Parsing init.espresso.usb.rc took 0.00s.)
[ 2.287506] init: (Parsing /init.espresso.rc took 0.00s.)
[ 2.288269] init: (Parsing /init.usb.configfs.rc took 0.00s.)
[ 2.288604] init: (Parsing /init.zygote32.rc took 0.00s.)
[ 2.288879] init: (Parsing /init.trace.rc took 0.00s.)
[ 2.289825] init: (Parsing /init.cm.rc took 0.00s.)
[ 2.289947] init: (Parsing /init.rc took 0.01s.)
[ 2.290313] init: SELinux: Could not get canonical path /adb_keys restorecon: No such file or directory.
[ 2.290740] init: Starting service 'ueventd'...
[ 2.291625] init: Waiting for /dev/.coldboot_done...
[ 2.294494] ueventd: ueventd started!
[ 2.307312] sr_classlp5_calib_work: mpu: Calibration complete: Voltage Nominal=1325000Calib=1152100 margin=0
[ 2.354125] sr_classlp5_calib_work: mpu: Calibration complete: Voltage Nominal=1388000Calib=1266040 margin=0

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[ 2.529052] ueventd: Coldboot took 0.22s.
[ 2.534210] init: Waiting for /dev/.coldboot_done took 0.24s.
[ 2.534423] init: /dev/hw_random not found
[ 2.534606] keychord: using input dev espresso-gpio-keypad for fevent
[ 2.612243] SELinux: initialized (dev cgroup, type cgroup), uses genfs_contexts
[ 2.612854] SELinux: initialized (dev tmpfs, type tmpfs), uses transition SIDs
[ 2.698089] SELinux: initialized (dev cgroup, type cgroup), uses genfs_contexts
[ 2.700866] SELinux: initialized (dev tmpfs, type tmpfs), uses transition SIDs
[ 2.707489] init: write_file: Unable to open '/proc/sys/kernel/sched_compat_yield': No such file or directory
[ 2.708740] init: write_file: Unable to open '/proc/sys/net/ipv4/fwmark_reflect': No such file or directory
[ 2.709106] init: write_file: Unable to open '/proc/sys/net/ipv6/fwmark_reflect': No such file or directory
[ 2.709411] init: write_file: Unable to open '/proc/sys/net/ipv4/tcp_fwmark_accept': No such file or directory
[ 2.744873] SELinux: initialized (dev cgroup, type cgroup), uses genfs_contexts
[ 2.745300] init: write_file: Unable to write to '/dev/cpuctl/cpu.shares': Invalid argument
[ 2.750946] init: write_file: Unable to open '/proc/sys/abi/swp': No such file or directory
[ 2.756683] init: /dev/hw_random not found
[ 2.772552] EXT4-fs (mmcblk0p9): mounted filesystem with ordered data mode. Opts: barrier=1
[ 2.772796] SELinux: initialized (dev mmcblk0p9, type ext4), uses xattr
[ 2.773193] fs_mgr: __mount(source=/dev/block/platform/omap/omap_hsmmc.1/by-name/FACTORYFS,target=/system,type=ext4)=0
[ 2.859954] EXT4-fs (mmcblk0p1): recovery complete
[ 2.861267] EXT4-fs (mmcblk0p1): mounted filesystem with ordered data mode. Opts: nomblk_io_submit,errors=remount-ro
[ 2.861511] SELinux: initialized (dev mmcblk0p1, type ext4), uses xattr
[ 2.861846] fs_mgr: check_fs(): mount(/dev/block/platform/omap/omap_hsmmc.1/by-name/EFS,/efs,ext4)=0: Success
[ 2.901123] fs_mgr: check_fs(): unmount(/efs) succeeded
[ 2.903015] fs_mgr: Running /system/bin/e2fsck on /dev/block/platform/omap/omap_hsmmc.1/by-name/EFS
[ 3.126861] e2fsck: e2fsck 1.42.9 (28-Dec-2013)
[ 3.126892]
[ 3.127166] e2fsck: /dev/block/platform/omap/omap_hsmmc.1/by-name/EFS: clean, 34/1280 files, 1141/5120 blocks
[ 3.127166]
[ 3.137298] EXT4-fs (mmcblk0p1): mounted filesystem with ordered data mode. Opts: barrier=1
[ 3.137542] SELinux: initialized (dev mmcblk0p1, type ext4), uses xattr
[ 3.137878] fs_mgr: __mount(source=/dev/block/platform/omap/omap_hsmmc.1/by-name/EFS,target=/efs,type=ext4)=0
[ 3.641845] EXT4-fs (mmcblk0p10): recovery complete
[ 3.645111] EXT4-fs (mmcblk0p10): mounted filesystem with ordered data mode. Opts: nomblk_io_submit,errors=remount-ro
[ 3.645568] SELinux: initialized (dev mmcblk0p10, type ext4), uses xattr
[ 3.646240] fs_mgr: check_fs(): mount(/dev/block/platform/omap/omap_hsmmc.1/by-name/DATAFS,/data,ext4)=0: Success
[ 3.744995] fs_mgr: check_fs(): unmount(/data) succeeded
[ 3.745483] fs_mgr: Running /system/bin/e2fsck on /dev/block/platform/omap/omap_hsmmc.1/by-name/DATAFS
[ 3.872558] e2fsck: e2fsck 1.42.9 (28-Dec-2013)
[ 3.872558]
[ 3.873107] e2fsck: /dev/block/platform/omap/omap_hsmmc.1/by-name/DATAFS: clean, 578/305824 files, 45259/1221623 blocks
[ 3.873107]
[ 3.890899] EXT4-fs (mmcblk0p10): mounted filesystem with ordered data mode. Opts: barrier=1,noauto_da_alloc,journal_async_commit
[ 3.891387] SELinux: initialized (dev mmcblk0p10, type ext4), uses xattr
[ 3.891967] fs_mgr: __mount(source=/dev/block/platform/omap/omap_hsmmc.1/by-name/DATAFS,target=/data,type=ext4)=0
[ 3.892456] fs_mgr: mount_with_alternatives(): skipping fstab dup mountpoint=/data rec[3].fs_type=f2fs already mounted as ext4.
[ 3.938812] EXT4-fs (mmcblk0p7): recovery complete
[ 3.942230] EXT4-fs (mmcblk0p7): mounted filesystem with ordered data mode. Opts: nomblk_io_submit,errors=remount-ro
[ 3.942687] SELinux: initialized (dev mmcblk0p7, type ext4), uses xattr
[ 3.943298] fs_mgr: check_fs(): mount(/dev/block/platform/omap/omap_hsmmc.1/by-name/CACHE,/cache,ext4)=0: Success
[ 3.987060] fs_mgr: check_fs(): unmount(/cache) succeeded
[ 3.987365] fs_mgr: Running /system/bin/e2fsck on /dev/block/platform/omap/omap_hsmmc.1/by-name/CACHE
[ 4.081970] e2fsck: e2fsck 1.42.9 (28-Dec-2013)
[ 4.081970]
[ 4.082672] e2fsck: /dev/block/platform/omap/omap_hsmmc.1/by-name/CACHE: clean, 28/44832 files, 5892/179200 blocks
[ 4.082702]
[ 4.099487] EXT4-fs (mmcblk0p7): mounted filesystem with ordered data mode. Opts: barrier=1,noauto_da_alloc,journal_async_commit
[ 4.099945] SELinux: initialized (dev mmcblk0p7, type ext4), uses xattr

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[ 4.100341] fs_mgr: __mount(source=/dev/block/platform/omap/omap_hsmmc.1/by-name/CACHE,target=/cache,type=ext4)=0
[ 4.100860] fs_mgr: mount_with_alternatives(): skipping fstab dup mountpoint=/cache rec[5].fs_type=f2fs already mounted as ext4.
[ 4.106933] zram0: detected capacity change from 0 to 268435456
[ 4.218414] Adding 262140k swap on /dev/block/zram0. Priority:-1 extents:1 across:262140k SS
[ 4.291015] PVR: PVRCore_Init
[ 4.291564] PVR: LinuxMMInit: Maximum page pool size: 10800
[ 4.292053] PVR: PVRSRVDriverProbe(pDevice=ee93a800)
[ 4.292327] PVR: SGX register base: 0x56000000
[ 4.292449] PVR: SGX register size: 65535
[ 4.292541] PVR: SGX IRQ: 53
[ 4.292877] PVR: EnableSystemClocks: Enabling System Clocks
[ 4.293945] PVR: PVRCore_Init: major device 245
[ 4.297698] init: Starting service 'logd'...
[ 4.342681] init: (Loading properties from /system/build.prop took 0.02s.)
[ 4.343017] init: (Loading properties from /vendor/build.prop took 0.00s.)
[ 4.343231] init: (Loading properties from /factory/factory.prop took 0.00s.)
[ 4.350555] init: Starting service 'vold'...
[ 4.354278] init: Not bootcharting.
[ 4.373046] logd.auditd: start
[ 4.373199] logd.klogd: 4347229005
[ 4.627685] init: Starting service 'exec 0 (/system/bin/tzdatacheck)'...
[ 4.670196] init: Service 'exec 0 (/system/bin/tzdatacheck)' (pid 115) exited with status 0
[ 4.675933] init: write_file: Unable to open '/sys/class/input/input3/distortion': No such file or directory
[ 4.677490] init: write_file: Unable to open '/sys/class/input/input5/distortion': No such file or directory
[ 4.678131] init: write_file: Unable to open '/sys/class/input/input6/distortion': No such file or directory
[ 4.680450] init: Starting service 'sysinit'...
[ 4.681396] init: (Loading properties from /data/local.prop took 0.00s.)
[ 4.740905] init: Starting service 'logd-reinit'...
[ 4.747772] init: Starting service 'healthd'...
[ 4.749267] init: Starting service 'lmkd'...
[ 4.750488] init: Starting service 'servicemanager'...
[ 4.751800] init: Starting service 'surfaceflinger'...
[ 4.753021] init: Starting service 'smc_pa'...
[ 4.766204] binder: 121:121 transaction failed 29189, size 0-0
[ 4.770172] omap-rproc omap-rproc.1: rproc_loader_cont: failed to load ducati-m3.bin
[ 4.773956] init: SELinux: Could not get canonical path /sys/block/sda/queue/scheduler restorecon: No such file or directory.
[ 4.774230] init: SELinux: Could not get canonical path /sys/block/sde/queue/scheduler restorecon: No such file or directory.
[ 4.774475] init: SELinux: Could not get canonical path /sys/block/dm-0/queue/scheduler restorecon: No such file or directory.
[ 4.777496] init: service 'console' requires console
[ 4.788177] init: Starting service 'netd'...
[ 4.794036] init: Starting service 'debuggerd'...
[ 4.794830] init: cannot find '/system/bin/debuggerd64', disabling 'debuggerd64'
[ 4.795043] init: cannot find '/system/bin/rild', disabling 'ril-daemon'
[ 4.795623] init: Starting service 'drm'...
[ 4.796813] init: Starting service 'media'...
[ 4.797943] init: Starting service 'installld'...
[ 4.826019] init: Starting service 'keystore'...
[ 4.827423] init: cannot find '/system/vendor/bin/cbd', disabling 'cpboot-daemon'
[ 4.827606] init: cannot find '/system/bin/gpsd', disabling 'gpsd'
[ 4.832458] init: Starting service 'dock_kbd_attach'...
[ 4.833679] init: Starting service 'variant_setup'...
[ 4.834808] init: Starting service 'orientationd'...
[ 4.854980] init: Starting service 'geomagneticd'...
[ 4.863464] logd.daemon: reinit
[ 4.863739] init: Starting service 'zygote'...
[ 4.866729] init: Service 'smc_pa' (pid 125) exited with status 254
[ 4.868591] init: Starting service 'gatekeeperd'...
[ 5.016296] serio: Serial port ttyO3
[ 5.059020] init: Starting service 'perfprofd'...
[ 5.060211] init: Service 'logd-reinit' (pid 119) exited with status 0
[ 5.061889] android_usb: already disabled
[ 5.062835] tsp: pivot mode=1
[ 5.204315] init: Service 'sysinit' (pid 117) exited with status 0
[ 5.399475] init: Service 'variant_setup' (pid 134) exited with status 0
[ 5.578369] init: Starting service 'bootanim'...
[ 5.767425] healthd: wakealarm_init: timerfd_create failed
[ 11.961517] warning: `main' uses 32-bit capabilities (legacy support in use)

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[ 12.065032] kbd: switch UART IF to AP
[ 12.065155] accessory_power: acc_device 0x0, new 1 : ON
[ 12.208740] kbd: UK keyboard is attached.
[ 12.252807] input: sec_keyboard as /devices/platform/sec_keyboard.0/input/input7
[ 12.253143] keychord: using input dev sec_keyboard for fevent
[ 12.253234] 30pin_c: detect: device=4
[ 12.253356] cable detect:keyboard-dock attach, current device = 0x0010
[ 12.253479] notify_dock_status: status=1
[ 13.826904] request_suspend_state: wakeup (3->0) at 13800964357 (2019-10-11 20:39:22.706085205 UTC)
[ 21.598724] accel_open_calibration: Can't open calibration file
[ 21.599365] accel_open_calibration: Can't open calibration file
[ 21.682250] dummy0: no IPv6 routers present
[ 22.703430] lowmemorykiller: lowmem_shrink: convert oom_adj to oom_score_adj:
[ 22.703552] lowmemorykiller: oom_adj 0 => oom_score_adj 0
[ 22.703735] lowmemorykiller: oom_adj 1 => oom_score_adj 58
[ 22.703826] lowmemorykiller: oom_adj 2 => oom_score_adj 117
[ 22.704010] lowmemorykiller: oom_adj 3 => oom_score_adj 176
[ 22.704101] lowmemorykiller: oom_adj 9 => oom_score_adj 529
[ 22.704284] lowmemorykiller: oom_adj 15 => oom_score_adj 1000
[ 23.838897] android_usb: already disabled
[ 23.840118] android_usb: already disabled
[ 23.840667] mtp_bind_config
[ 23.892852] acc_open
[ 23.892974] acc_release
[ 24.881164] SELinux: initialized (dev fuse, type fuse), uses genfs_contexts
[ 24.882141] SELinux: initialized (dev fuse, type fuse), uses genfs_contexts
[ 24.882995] SELinux: initialized (dev fuse, type fuse), uses genfs_contexts
[ 25.374877] SELinux: initialized (dev mmckblkpl, type vfat), uses genfs_contexts
[ 25.401916] SELinux: initialized (dev fuse, type fuse), uses genfs_contexts
[ 25.403289] SELinux: initialized (dev fuse, type fuse), uses genfs_contexts
[ 25.404815] SELinux: initialized (dev fuse, type fuse), uses genfs_contexts
[ 29.719207] binder: 452:460 refcount change on invalid ref 96
[ 32.091644] accel_open_calibration: Can't open calibration file
[ 32.379852] binder: 452:460 refcount change on invalid ref 171
[ 35.621826] init: Service 'bootanim' (pid 168) exited with status 0
[ 46.116943] accel_open_calibration: Can't open calibration file
[ 46.128967] request_suspend_state: sleep (0->3) at 46102996828 (2019-10-11 20:39:55.008117676 UTC)
[ 46.159484] DSSCOMP: dsscomp_early_suspend
[ 46.160614] DSSCOMP: blanked screen
[ 91.256958] PM: Syncing filesystems ... done.
[ 91.259582] PM: Preparing system for mem sleep
[ 91.260070] Freezing user space processes ... (elapsed 0.03 seconds) done.
[ 91.293426] Freezing remaining freezable tasks ... (elapsed 0.02 seconds) done.
[ 91.316741] PM: Entering mem sleep
[ 91.317321] suspend_set_state: LD04: No configuration
[ 91.319305] suspend_set_state: LD05: No configuration
[ 91.320098] Suspending console(s) (use no_console_suspend to debug)
[ 91.323455] wm8994_suspend_pre: entering force vmid mode
[ 91.887664] PVR: PVRSRVDriverSuspend(pDevice=ee93a800)
[ 91.887695] PVR: SysSystemPrePowerState: Entering state D3
[ 91.887725] PVR: DisableSystemClocks: Disabling System Clocks
[ 92.216125] PM: suspend of devices complete after 893.125 msecs
[ 92.217803] PM: late suspend of devices complete after 1.647 msecs
[ 92.217834] Disabling non-boot CPUs ...
[ 92.219604] CPU1: shutdown
[ 92.221588] Resume caused by wakeup I/O pad: CONTROL_WKUP_PADCONF_WAKEUPEVENT_0[2]
[ 92.221588] Successfully put all powerdomains to target state
[ 92.221679] Suspended for 93.504 seconds
[ 92.221893] wakeup wake lock: alarm
[ 92.222045] accessory_int gpio stat = 0x1
[ 92.222564] Enabling non-boot CPUs ...
[ 92.239196] CPU1: Booted secondary processor
[ 92.242034] CPU1 is up
[ 92.243774] PM: early resume of devices complete after 1.678 msecs
[ 92.244842] Switched to NOHz mode on CPU #1
[ 92.260955] 30pin_c: detect: device=4
[ 92.260955] cable detect:keyboard-dock detach, current device = 0x0000
[ 92.261108] notify_dock_status: status=0
[ 92.924560] accessory_power: acc_device 0x2, new 1 : OFF
[ 92.924591] accessory_power: turn off
[ 92.924621] kbd: switch UART IF to CP
[ 92.956115] PVR: PVRSRVDriverResume(pDevice=ee93a800)
[ 92.956146] PVR: SysSystemPostPowerState: Entering state D0
[ 92.956176] PVR: EnableSystemClocks: Enabling System Clocks
[ 92.982055] PM: resume of devices complete after 737.792 msecs

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[ 93.007781] PM: Finishing wakeup.
[ 93.007995] Restarting tasks ...
[ 93.009246] hub 1-0:1.0: activate --> -22
[ 93.012817] serio: Serial port ttyO3
[ 93.026153] done.
[ 93.026611] suspend: exit suspend, ret = 0 (2019-10-11 20:42:15.410399367 UTC)
[ 93.027069] active wake lock KeyEvents
[ 93.027252] active wake lock wakelock-charger
[ 93.027618] active wake lock event1-452
[ 93.027801] active wake lock musb_autosuspend_wake_lock
[ 93.027984] active wake lock event7-452
[ 93.132629] request_suspend_state: wakeup (3->0) at 93106596881 (2019-10-11 20:42:15.516417432 UTC)
[ 93.132812] DSSCOMP: dsscomp_late_resume
[ 93.633392] accel_open_calibration: Can't open calibration file
[ 98.122436] usb ta_nconnected_irq : VBUS ON
[ 98.123870] [BAT_MANAGER] Charger Connected
[ 98.707611] adc_check_1 adc=0
[ 98.717468] adc_check_1 adc=0
[ 98.727569] adc_check_1 adc=0
[ 98.739715] adc_check_1 adc=0
[ 98.761718] adc_check_1 adc=0
[ 98.761840] check_charger_type: Charger type is [USB], adc = 0
[ 98.761962] charger_detect_work: cable flag : 1, cable_type : 1
[ 98.762054] smb136-charger 5-004d: charging current limit set to 0.5A
[ 98.769073] cable detect:USB attach, current device = 0x0080
[ 98.769165] espresso_con_usb_charger_attached, USB_EVENT_VBUS
[ 99.038299] android_work: sent uevent USB_STATE=CONNECTED
[ 99.043060] android_work: sent uevent USB_STATE=DISCONNECTED
[ 99.174285] android_work: sent uevent USB_STATE=CONNECTED
[ 99.177185] android_usb gadget: high speed config #1: android
[ 99.177429] android_work: sent uevent USB_STATE=CONFIGURED
[ 99.304016] mtp_open
[ 112.086395] accel_open_calibration: Can't open calibration file
[ 112.097534] request_suspend_state: sleep (0->3) at 112071471149 (2019-10-11 20:42:34.481291700 UTC)
[ 112.098419] DSSCOMP: dsscomp_early_suspend
[ 112.098571] DSSCOMP: blanked screen
[ 114.640380] request_suspend_state: wakeup (3->0) at 114614317839 (2019-10-11 20:42:37.024138390 UTC)
[ 114.641448] DSSCOMP: dsscomp_late_resume
[ 114.904785] accel_open_calibration: Can't open calibration file
[ 145.640319] init: Starting service 'adb'...
[ 145.645202] mtp_release
[ 145.646209] init: Service 'adb' is being killed...
[ 145.673278] adb_open
[ 145.696075] android_usb: already disabled
[ 145.696502] mtp_bind_config
[ 145.696594] adb_bind_config
[ 145.899444] android_work: sent uevent USB_STATE=DISCONNECTED
[ 146.010009] android_work: sent uevent USB_STATE=CONNECTED
[ 146.014739] android_work: sent uevent USB_STATE=DISCONNECTED
[ 146.141998] android_work: sent uevent USB_STATE=CONNECTED
[ 146.143432] android_usb gadget: high speed config #1: android
[ 146.147033] android_work: sent uevent USB_STATE=CONFIGURED
[ 146.194702] mtp_open

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dmesg of another attempt:

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[ 0.825622] could not allocate slot
[ 0.826416] omap-rproc omap-rproc.1: powering up ipu
[ 0.826965] virtio_rpmsg_bus virtio0: rpmsg backend virtproc probed successfully
[ 0.827941] virtio_rpmsg_bus virtio1: rpmsg backend virtproc probed successfully
[ 0.828674] OMAPRPC: Registration of OMAPRPC rpmsg service returned 0!
[ 0.828887] OMAPRPC: debug=0
[ 0.829437] omap_uart.0: ttyO0 at MMIO 0x4806a000 (irq = 104) is a OMAP UART0
[ 0.829986] omap_uart.1: ttyO1 at MMIO 0x4806c000 (irq = 105) is a OMAP UART1
[ 0.830230] omap_uart.2: ttyO2 at MMIO 0x48020000 (irq = 106) is a OMAP UART2
[ 0.830963] -----[ cut here ]-----
[ 0.830963] WARNING: at /home/replicant/replicant-6.0/kernel/samsung/espressol0/arch/arm/mach-omap2/omap_hwmod.c:1274 _enable+0x1bc/0x1dc()
[ 0.831390] omap_hwmod: uart3: enabled state can only be entered from initialized, idle, or disabled state
[ 0.831604] Modules linked in:
[ 0.831604] Backtrace:
[ 0.831817] [] (dump_backtrace+0x0/0x114) from [] (dump_stack+0x20/0x24)
[ 0.832244] r7:000004fa r6:c081bfbc r5:00000009 r4:ee87dc10
[ 0.832244] [] (dump_stack+0x0/0x24) from [] (warn_slowpath_common+0x64/0x74)

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[ 0.832244] [<c00c4fdc>] (warn_slowpath_common+0x0/0x74) from [<c00c5090>] (warn_slowpath_fmt+0x40/0x48)
[ 0.832244] r9:ee87c000 r8:c00e8cc8 r7:c08e9598 r6:a0000093 r5:c08f8688
[ 0.832244] r4:c081c238
[ 0.834167] [<c00c5050>] (warn_slowpath_fmt+0x0/0x48) from [<c0083cac>] (_enable+0x1bc/0x1dc)
[ 0.834167] r3:c0825974 r2:c081c238
[ 0.834167] r4:c08f863c
[ 0.834167] [<c0083af0>] (_enable+0x0/0x1dc) from [<c00842f0>] (omap_hwmod_enable+0x34/0x54)
[ 0.835113] r7:c08e9598 r6:a0000093 r5:c08f8688 r4:c08f863c
[ 0.835662] [<c00842bc>] (omap_hwmod_enable+0x0/0x54) from [<c0080c0c>] (uart_enable_hwmod+0x20/0x28)
[ 0.835876] r7:c08e9598 r6:00000001 r5:3b9aca00 r4:ee8eca00
[ 0.835876] [<c0080bec>] (uart_enable_hwmod+0x0/0x28) from [<c00a1b10>] (_omap_device_activate+0x84/0x114)
[ 0.836639] [<c00a1a8c>] (_omap_device_activate+0x0/0x114) from [<c00a2280>] (omap_device_enable+0x3c/0x98)
[ 0.836639] r7:c09017b8 r6:00000004 r5:ee8eca08 r4:ee8eca00
[ 0.837463] [<c00a2244>] (omap_device_enable+0x0/0x98) from [<c00a22fc>] (_od_runtime_resume+0x20/0x2c)
[ 0.837463] r4:ee8eca08
[ 0.837463] [<c00a22dc>] (_od_runtime_resume+0x0/0x2c) from [<c0351d80>] (rpm_callback+0x60/0x70)
[ 0.838104] r5:ee8eca08 r4:c00a22dc
[ 0.838439] [<c0351d20>] (rpm_callback+0x0/0x70) from [<c0352b38>] (rpm_resume+0x318/0x53c)
[ 0.838653] r7:c09017b8 r6:00000004 r5:c08d2080 r4:ee8eca08
[ 0.838653] [<c0352820>] (rpm_resume+0x0/0x53c) from [<c0352db4>] (__pm_runtime_resume+0x58/0x70)
[ 0.838653] [<c0352d5c>] (__pm_runtime_resume+0x0/0x70) from [<c033c674>] (serial_omap_pm+0x30/0x250)
[ 0.838653] r7:c0916570 r6:ee0a3000 r5:c08de888 r4:ee0b0178
[ 0.839782] [<c033c644>] (serial_omap_pm+0x0/0x250) from [<c033a7ac>] (uart_add_one_port+0x2e8/0x420)
[ 0.840362] [<c033a4c4>] (uart_add_one_port+0x0/0x420) from [<c033e610>] (serial_omap_probe+0x2dc/0x430)
[ 0.840362] [<c033e334>] (serial_omap_probe+0x0/0x430) from [<c034c028>] (platform_drv_probe+0x28/0x2c)
[ 0.840362] [<c034c000>] (platform_drv_probe+0x0/0x2c) from [<c034aa10>] (driver_probe_device+0xa0/0x1b4)
[ 0.840820] [<c034a970>] (driver_probe_device+0x0/0x1b4) from [<c034ac14>] (__driver_attach+0x9c/0xa0)
[ 0.840820] r7:ee078360 r6:ee8eca3c r5:c0916534 r4:ee8eca08
[ 0.841156] [<c034ab78>] (__driver_attach+0x0/0xa0) from [<c0349424>] (bus_for_each_dev+0x78/0xac)
[ 0.841979] r7:ee078360 r6:c034ab78 r5:c0916534 r4:00000000
[ 0.841979] [<c03493ac>] (bus_for_each_dev+0x0/0xac) from [<c034a66c>] (driver_attach+0x2c/0x30)
[ 0.842712] r6:c0917068 r5:c0916534 r4:00000000
[ 0.842712] [<c034a640>] (driver_attach+0x0/0x30) from [<c034a208>] (bus_add_driver+0xd4/0x27c)
[ 0.842712] [<c034a134>] (bus_add_driver+0x0/0x27c) from [<c034b38c>] (driver_register+0x98/0x16c)
[ 0.843566] r8:00000000 r7:00000013 r6:c00c9420 r5:ee87c028 r4:c0916534
[ 0.843566] [<c034b2f4>] (driver_register+0x0/0x16c) from [<c034c7ec>] (platform_driver_register+0x64/0x68)
[ 0.843566] r9:00000000 r8:00000000 r7:00000013 r6:c00c9420 r5:ee87c028
[ 0.843566] r4:c09390e0
[ 0.843566] [<c034c788>] (platform_driver_register+0x0/0x68) from [<c002b810>] (serial_omap_init+0x2c/0x50)
[ 0.843566] [<c002b7e4>] (serial_omap_init+0x0/0x50) from [<c006a7bc>] (do_one_initcall+0x12c/0x188)
[ 0.845794] r5:ee87c028 r4:c09390e0
[ 0.845794] [<c006a690>] (do_one_initcall+0x0/0x188) from [<c0008adc>] (kernel_init+0xc8/0x150)
[ 0.845794] [<c0008a14>] (kernel_init+0x0/0x150) from [<c00c9420>] (do_exit+0x0/0x798)
[ 0.845794] ---[ end trace 2aef0185a2ec2644 ]---
[ 0.847076] omap_uart.3: ttyO3 at MMIO 0x4806e000 (irq = 102) is a OMAP UART3
[ 0.848022] omap_ion_probe: adding heap secure_input of type 2 with bfd00000@0
[ 0.848022] omap_ion_probe: adding heap secure_output_wfdhdcpc of type 2 with bfd00000@0
[ 0.848175] omap_ion_probe: adding heap tiler of type 4 with bae00000@0
[ 0.848175] omap_ion_probe: adding heap nonsecure_tiler of type 4 with bae00000@0
[ 0.848175] omap_ion_probe: adding heap system of type 0 with 0@0
[ 0.848968] omap_ion_probe: adding heap tiler_reservation of type 5 with 0@0
[ 0.854858] brd: module loaded
[ 0.854858] loop: module loaded
[ 0.859741] zram: Created 1 device(s) ...
[ 0.860717] sec_jack_probe : Registering jack driver
[ 0.861633] print_constraints: WM1811 LDO1: at 3000 mV
[ 0.862670] print_constraints: WM1811 LDO2: at 1050 mV
[ 0.866760] wm8994 1-001a: Succeeded to read ID register
[ 0.869354] wm8994 1-001a: WM1811 revision D CUST_ID 00
[ 0.874359] wm8994 1-001a: No interrupt specified, no interrupts
[ 0.874359] i2c-core: driver [wm8994] using legacy suspend method
[ 0.875091] i2c-core: driver [wm8994] using legacy resume method
[ 0.879425] i2c i2c-6: sendbytes: NAK bailout.
[ 0.879669] stmpe811 6-0041: i2c_write failed, reg: 3, ret: -5
[ 0.914215] PPP generic driver version 2.4.2
[ 0.914215] PPP Deflate Compression module registered
[ 0.914215] PPP BSD Compression module registered
[ 0.915802] PPP MPPE Compression module registered
[ 0.915893] NET: Registered protocol family 24
[ 0.917388] tun: Universal TUN/TAP device driver, 1.6
[ 0.917388] tun: (C) 1999-2004 Max Krasnyansky <maxk@qualcomm.com>
[ 0.917388] usbcore: registered new interface driver catc
[ 0.917388] catc: v2.8:CATC EL1210A NetMate USB Ethernet driver
[ 0.917388] usbcore: registered new interface driver kaweth
[ 0.920379] pegasus: v0.6.14 (2006/09/27), Pegasus/Pegasus II USB Ethernet driver

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[ 0.920379] usbcore: registered new interface driver pegasus
[ 0.920959] rtl8150: v0.6.2 (2004/08/27):rtl8150 based usb-ethernet driver
[ 0.920959] usbcore: registered new interface driver rtl8150
[ 0.921386] usbcore: registered new interface driver asix
[ 0.921386] usbcore: registered new interface driver cdc_ether
[ 0.921813] usbcore: registered new interface driver cdc_eem
[ 0.921813] usbcore: registered new interface driver dm9601
[ 0.921813] usbcore: registered new interface driver smsc75xx
[ 0.921813] usbcore: registered new interface driver smsc95xx
[ 0.921813] usbcore: registered new interface driver gl620a
[ 0.922973] usbcore: registered new interface driver net1080
[ 0.922973] usbcore: registered new interface driver plusb
[ 0.922973] usbcore: registered new interface driver cdc_subset
[ 0.922973] usbcore: registered new interface driver zaurus
[ 0.923583] usbcore: registered new interface driver MOSCHIP usb-ethernet driver
[ 0.923583] cdc_ncm: 04-Aug-2011
[ 0.924133] usbcore: registered new interface driver cdc_ncm
[ 0.924133] usbcore: registered new interface driver ath9k_htc
[ 0.924774] ehci_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver
[ 0.924774] usbcore: registered new interface driver cdc_acm
[ 0.925384] cdc_acm: USB Abstract Control Model driver for USB modems and ISDN adapters
[ 0.925537] usbcore: registered new interface driver usblp
[ 0.925537] Initializing USB Mass Storage driver...
[ 0.925994] usbcore: registered new interface driver usb-storage
[ 0.925994] USB Mass Storage support registered.
[ 0.926208] usbcore: registered new interface driver usbserial
[ 0.926208] usbserial: USB Serial Driver core
[ 0.926879] USB Serial support registered for pl2303
[ 0.926879] usbcore: registered new interface driver pl2303
[ 0.926879] pl2303: Prolific PL2303 USB to serial adaptor driver
[ 0.929168] android_usb gadget: Mass Storage Function, version: 2009/09/11
[ 0.929168] android_usb gadget: Number of LUNs=1
[ 0.929321] lun0: LUN: removable file: (no medium)
[ 0.929656] android_usb gadget: android_usb ready
[ 0.929656] musb-hdrc musb-hdrc: MUSB HDRC host driver
[ 0.930603] musb-hdrc musb-hdrc: new USB bus registered, assigned bus number 1
[ 0.930877] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002
[ 0.930877] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[ 0.930877] usb usb1: Product: MUSB HDRC host driver
[ 0.930877] usb usb1: Manufacturer: Linux 3.0.101-replicant musb-hcd
[ 0.931610] usb usb1: SerialNumber: musb-hdrc
[ 0.931610] hub 1-0:1.0: USB hub found
[ 0.931610] hub 1-0:1.0: 1 port detected
[ 0.933166] mousedev: PS/2 mouse device common for all mice
[ 0.933441] usbcore: registered new interface driver xpad
[ 0.933441] usbcore: registered new interface driver usb_acecad
[ 0.933990] acecad: v3.2:USB Acecad Flair tablet driver
[ 0.933990] usbcore: registered new interface driver aiptek
[ 0.933990] aiptek: v2.3 (May 2, 2007):Aiptek HyperPen USB Tablet Driver (Linux 2.6.x)
[ 0.934600] aiptek: Bryan W. Headley/Chris Atenasio/Cedric Brun/Rene van Paassen
[ 0.934600] usbcore: registered new interface driver gtco
[ 0.934997] GTCO usb driver version: 2.00.0006
[ 0.934997] usbcore: registered new interface driver hanwang
[ 0.934997] usbcore: registered new interface driver kbtabs
[ 0.934997] kbtabs: v0.0.2:USB KB Gear JamStudio Tablet driver
[ 0.934997] usbcore: registered new interface driver wacom
[ 0.935943] wacom: v1.52:USB Wacom tablet driver
[ 0.935943] input: melfas_ts as /devices/virtual/input/input0
[ 0.937316] tsp: ts_probe: Start touchscreen. name: melfas_ts, irq: 206
[ 0.937835] GPIO Input Driver: Start gpio inputs for espresso-gpio-keypad in interrupt mode
[ 0.938232] GPIO Input Driver: Start gpio inputs for espresso-gpio-keypad in interrupt mode
[ 0.938568] input: espresso-gpio-keypad as /devices/virtual/input/input1
[ 0.943237] using rtc device, twl_rtc, for alarms
[ 0.943237] twl_rtc twl_rtc: rtc core: registered twl_rtc as rtc0
[ 0.943847] i2c /dev entries driver
[ 0.943847] dmm: probe base: fd300000, irq 145
[ 1.113677] max17042 7-0036: probed
[ 1.113677] smb136-charger 5-004d: probed
[ 1.114837] OMAP Watchdog Timer Rev 0x00: initial timeout 60 sec
[ 1.117340] device-mapper: uevent: version 1.0.3
[ 1.117340] device-mapper: ioctl: 4.20.0-ioctl (2011-02-02) initialised: dm-devel@redhat.com
[ 1.117340] Bluetooth: HCI UART driver ver 2.2
[ 1.118530] Bluetooth: HCI H4 protocol initialized
[ 1.119018] cpuidle: using governor ladder
[ 1.119049] cpuidle: using governor menu

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[ 1.152008] usbcore: registered new interface driver usbhid
[ 1.152008] usbhid: USB HID core driver
[ 1.199432] OMAP HSI: HSI driver version 0.4.3
[ 1.201263] omap_hsi omap_hsi.0: Registering IRQ hsi_pl_mpu (99)
[ 1.201263] omap_hsi omap_hsi.0: HSI port 1 initialized
[ 1.201263] omap_hsi omap_hsi.0: Registering IRQ hsi_dma_mpu (103)
[ 1.201873] omap_hsi omap_hsi.0: HSI Hardware REVISION 0x50043101
[ 1.203704] omap_hsi omap_hsi.0: Cannot set HSI FClk to default value: 96000000. Will retry on next open
[ 1.238067] yas_acc_core_driver_init: set from board file.
[ 1.238159] yas_acc_core_driver_init: accelerometer position is 7
[ 1.238708] input: accelerometer as /devices/virtual/input/input2
[ 1.238708] yas_acc_probe -
[ 1.238708] i2c-core: driver [accelerometer] using legacy suspend method
[ 1.238708] i2c-core: driver [accelerometer] using legacy resume method
[ 1.268951] input: geomagnetic as /devices/platform/omap/omap_i2c.4/i2c-4/4-002e/input/input3
[ 1.269805] input: geomagnetic_raw as /devices/platform/omap/omap_i2c.4/i2c-4/4-002e/input/input4
[ 1.269805] geomagnetic_probe: set from board file.
[ 1.269805] geomagnetic_probe: yas magnetic position is 7
[ 1.270751] geomagnetic_probe: yamaha magnetic sensor id = 1
[ 1.270751] i2c-core: driver [geomagnetic] using legacy suspend method
[ 1.270751] i2c-core: driver [geomagnetic] using legacy resume method
[ 1.270751] input: orientation as /devices/virtual/input/input5
[ 1.327453] input: light_sensor as /devices/virtual/input/input6
[ 1.328094] al3201_probe: success!
[ 1.328094] usbcore: registered new interface driver snd-usb-audio
[ 1.370788] mmc0: new high speed DDR MMC card at address 0001
[ 1.371398] mmcblk0: mmc0:0001 M8G2FB 7.28 GiB
[ 1.371795] mmcblk0boot0: mmc0:0001 M8G2FB partition 1 2.00 MiB
[ 1.372100] mmcblk0boot1: mmc0:0001 M8G2FB partition 2 2.00 MiB
[ 1.378417] mmcblk0: p1 p2 p3 p4 p5 p6 p7 p8 p9 p10 p11
[ 1.381713] mmcblk0boot1: unknown partition table
[ 1.382995] mmcblk0boot0: unknown partition table
[ 1.404876] wm8994-codec wm8994-codec: Failed to request Jack detect IRQ: -22
[ 1.434295] asoc: wm8994-aif1 <-> omap-mcbsp-dai.2 mapping ok
[ 1.437133] asoc: wm8994-aif2 <-> CP mapping ok
[ 1.438964] asoc: wm8994-aif3 <-> BT mapping ok
[ 1.439178] ALSA device list:
[ 1.439178] #0: omap4_wm8994
[ 1.440887] GACT probability NOT on
[ 1.440887] Mirror/redirect action on
[ 1.440887] u32 classifier
[ 1.440887] Actions configured
[ 1.441436] Netfilter messages via NETLINK v0.30.
[ 1.441436] nf_conntrack version 0.5.0 (14646 buckets, 58584 max)
[ 1.443115] ctnetlink v0.93: registering with nfnetlink.
[ 1.444122] NF_TPROXY: Transparent proxy support initialized, version 4.1.0
[ 1.444183] NF_TPROXY: Copyright (c) 2006-2007 BalaBit IT Ltd.
[ 1.445007] xt_time: kernel timezone is -0000
[ 1.447692] ip_tables: (C) 2000-2006 Netfilter Core Team
[ 1.448089] arp_tables: (C) 2002 David S. Miller
[ 1.448394] TCP cubic registered
[ 1.448760] Initializing XFRM netlink socket
[ 1.449890] NET: Registered protocol family 10
[ 1.456420] Mobile IPv6
[ 1.456420] ip6_tables: (C) 2000-2006 Netfilter Core Team
[ 1.459655] IPv6 over IPv4 tunneling driver
[ 1.459655] NET: Registered protocol family 17
[ 1.459655] NET: Registered protocol family 15
[ 1.468719] Bridge firewalling registered
[ 1.469085] Bluetooth: RFCOMM TTY layer initialized
[ 1.469329] Bluetooth: RFCOMM socket layer initialized
[ 1.469329] Bluetooth: RFCOMM ver 1.11
[ 1.469329] Bluetooth: BNEP (Ethernet Emulation) ver 1.3
[ 1.469757] Bluetooth: HIDP (Human Interface Emulation) ver 1.2
[ 1.469757] NET: Registered protocol family 35
[ 1.470184] Registering the dns_resolver key type
[ 1.470184] VFP support v0.3: implementor 41 architecture 3 part 30 variant 9 rev 4
[ 1.471282] ThumbEE CPU extension supported.
[ 1.471405] Registering SWP/SWPB emulation handler
[ 1.471405] Registering SDIV/UDIV emulation handler
[ 1.477416] Reprogramming LPDDR2 timings to 400000000 Hz
[ 1.478942] sr_init: No PMIC hook to init smartreflex
[ 1.478973] smartreflex smartreflex.0: omap_sr_probe: SmartReflex driver initialized
[ 1.479766] smartreflex smartreflex.1: omap_sr_probe: SmartReflex driver initialized
[ 1.480010] smartreflex smartreflex.2: omap_sr_probe: SmartReflex driver initialized

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[ 1.480773] SmartReflex class 1.5 driver: initialized (86400000ms)
[ 1.481231] cpufreq_interactive_input_connect: connect to melfas_ts
[ 1.481994] Power Management for TI OMAP4.
[ 1.482330] OMAP4 PM: Static dependency added between MPUSS <-> EMIF, MPUSS <-> L4_PER/CFG MPUSS <-> L3_MAI
N_1.
[ 1.482513] OMAP4 PM: Static dependency added between DUCATI <-> L4_PER/CFG and DUCATI <-> L3.
[ 1.493011] clock: disabling unused clocks to save power
[ 1.511199] sr_classlp5_calib_work: mpu: Calibration complete: Voltage Nominal=1200000Calib=1063480 margin=
0
[ 1.511444] sr_classlp5_calib_work: iva: Calibration complete: Voltage Nominal=950000Calib=848260 margin=0
[ 1.511657] sr_classlp5_calib_work: core: Calibration complete: Voltage Nominal=1127000Calib=1050820 margin
=0
[ 1.530426] mmc1: host does not support reading read-only switch. assuming write-enable.
[ 1.542419] mmc1: new high speed SD card at address 0790
[ 1.543121] mmcblk1: mmc1:0790 SD02G 1.83 GiB
[ 1.544586] mmcblk1: p1
[ 1.590728] cannot apply mgr(lcd) on inactive device
[ 1.591308] omapfb omapfb: failed to apply dispc config
[ 1.591644] cannot apply mgr(tv) on inactive device
[ 1.592193] omapfb omapfb: failed to apply dispc config
[ 1.592498] cannot apply mgr(lcd2) on inactive device
[ 1.593048] omapfb omapfb: failed to apply dispc config
[ 1.926605] regulator_init_complete: LDO2: disabling
[ 1.927947] regulator_init_complete: LDOLN: disabling
[ 1.929412] regulator_init_complete: LDOUSB: disabling
[ 1.932495] twl_rtc twl_rtc: setting system clock to 2019-10-11 20:43:55 UTC (1570826635)
[ 1.934844] charger_detect_work: cable flag : 0, cable_type : 0
[ 1.935272] smb136-charger 5-004d: charging current limit set to 0.1A
[ 1.942871] cable detect:TA detach, current device = 0x0000
[ 1.943359] batman_probe: Battery manager probe done
[ 1.944763] Warning: unable to open an initial console.
[ 1.945404] Freeing init memory: 392K
[ 1.948760] sr_classlp5_calib_work: core: Calibration complete: Voltage Nominal=962000Calib=886240 margin=0
[ 1.949249] sr_classlp5_calib_work: mpu: Calibration complete: Voltage Nominal=1025000Calib=886240 margin=0
[ 1.952667] init: init started!
[ 1.968322] SELinux: 2048 avtab hash slots, 5389 rules.
[ 1.978210] SELinux: 2048 avtab hash slots, 5389 rules.
[ 1.978668] SELinux: 1 users, 2 roles, 584 types, 0 bools, 1 sens, 1024 cats
[ 1.979461] SELinux: 87 classes, 5389 rules
[ 1.984405] SELinux: Completing initialization.
[ 1.984619] SELinux: Setting up existing superblocks.
[ 1.985076] SELinux: initialized (dev sysfs, type sysfs), uses genfs_contexts
[ 1.985382] SELinux: initialized (dev rootfs, type rootfs), uses genfs_contexts
[ 1.985961] SELinux: initialized (dev bdev, type bdev), not configured for labeling
[ 1.986419] SELinux: initialized (dev proc, type proc), uses genfs_contexts
[ 1.986694] SELinux: initialized (dev tmpfs, type tmpfs), uses transition SIDs
[ 1.987152] SELinux: initialized (dev debugfs, type debugfs), uses genfs_contexts
[ 2.036926] SELinux: initialized (dev sockfs, type sockfs), uses task SIDs
[ 2.037200] SELinux: initialized (dev pipefs, type pipefs), uses task SIDs
[ 2.037628] SELinux: initialized (dev anon_inodefs, type anon_inodefs), not configured for labeling
[ 2.038055] SELinux: initialized (dev devpts, type devpts), uses transition SIDs
[ 2.038360] SELinux: initialized (dev selinuxfs, type selinuxfs), uses genfs_contexts
[ 2.039031] SELinux: initialized (dev usbfs, type usbfs), uses genfs_contexts
[ 2.039459] SELinux: initialized (dev tmpfs, type tmpfs), uses transition SIDs
[ 2.039733] SELinux: initialized (dev sysfs, type sysfs), uses genfs_contexts
[ 2.263732] type=1403 audit(1570826635.828:2): policy loaded auid=4294967295 ses=4294967295
[ 2.265563] type=1404 audit(1570826635.828:3): enforcing=1 old_enforcing=0 auid=4294967295 ses=4294967295
[ 2.472747] init: (Initializing SELinux enforcing took 0.52s.)
[ 2.503967] init: init second stage started!
[ 2.602081] init: waitpid failed: No child processes
[ 2.602905] init: (Loading properties from /default.prop took 0.00s.)
[ 2.606201] init: (Parsing /init.environ.rc took 0.00s.)
[ 2.606842] init: (Parsing /init.usb.rc took 0.00s.)
[ 2.607696] init: (Parsing init.omap4.rc took 0.00s.)
[ 2.608276] init: (Parsing init.espresso.sensors.rc took 0.00s.)
[ 2.608734] init: (Parsing init.espresso.usb.rc took 0.00s.)
[ 2.608917] init: (Parsing /init.espresso.rc took 0.00s.)
[ 2.609710] init: (Parsing /init.usb.configfs.rc took 0.00s.)
[ 2.610076] init: (Parsing /init.zygote32.rc took 0.00s.)
[ 2.610321] init: (Parsing /init.trace.rc took 0.00s.)
[ 2.611267] init: (Parsing /init.cm.rc took 0.00s.)
[ 2.611389] init: (Parsing /init.rc took 0.01s.)
[ 2.611816] init: SELinux: Could not get canonical path /adb_keys restorecon: No such file or directory.
[ 2.612182] init: Starting service 'ueventd'...
[ 2.613128] init: Waiting for /dev/.coldboot_done...

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[ 2.615966] ueventd: ueventd started!
[ 2.636199] sr_classlp5_calib_work: mpu: Calibration complete: Voltage Nominal=1325000Calib=1152100 margin=
0
[ 2.667388] sr_classlp5_calib_work: mpu: Calibration complete: Voltage Nominal=1388000Calib=1266040 margin=
0
[ 2.849365] ueventd: Coldboot took 0.22s.
[ 2.855651] init: Waiting for /dev/.coldboot_done took 0.24s.
[ 2.855804] init: /dev/hw_random not found
[ 2.856048] keychord: using input dev espresso-gpio-keypad for fevent
[ 2.948791] SELinux: initialized (dev cgroup, type cgroup), uses genfs_contexts
[ 2.949340] SELinux: initialized (dev tmpfs, type tmpfs), uses transition SIDs
[ 3.011383] SELinux: initialized (dev cgroup, type cgroup), uses genfs_contexts
[ 3.013092] SELinux: initialized (dev tmpfs, type tmpfs), uses transition SIDs
[ 3.017242] init: write_file: Unable to open '/proc/sys/kernel/sched_compat_yield': No such file or directo
ry
[ 3.018035] init: write_file: Unable to open '/proc/sys/net/ipv4/fwmark_reflect': No such file or directory
[ 3.018218] init: write_file: Unable to open '/proc/sys/net/ipv6/fwmark_reflect': No such file or directory
[ 3.018432] init: write_file: Unable to open '/proc/sys/net/ipv4/tcp_fwmark_accept': No such file or direct
ory
[ 3.112945] SELinux: initialized (dev cgroup, type cgroup), uses genfs_contexts
[ 3.113861] init: write_file: Unable to write to '/dev/cpuctl/cpu.shares': Invalid argument
[ 3.125213] init: write_file: Unable to open '/proc/sys/abi/swp': No such file or directory
[ 3.131561] init: /dev/hw_random not found
[ 3.145050] EXT4-fs (mmcblk0p9): mounted filesystem with ordered data mode. Opts: barrier=1
[ 3.145172] SELinux: initialized (dev mmcblk0p9, type ext4), uses xattr
[ 3.145446] fs_mgr: __mount(source=/dev/block/platform/omap/omap_hsmmc.1/by-name/FACTORYFS,target=/system,t
ype=ext4)=0
[ 3.219604] EXT4-fs (mmcblk0p1): recovery complete
[ 3.220825] EXT4-fs (mmcblk0p1): mounted filesystem with ordered data mode. Opts: nomblk_io_submit,errors=r
emount-ro
[ 3.220977] SELinux: initialized (dev mmcblk0p1, type ext4), uses xattr
[ 3.221221] fs_mgr: check_fs(): mount(/dev/block/platform/omap/omap_hsmmc.1/by-name/EFS,/efs,ext4)=0: Succe
ss
[ 3.261260] fs_mgr: check_fs(): unmount(/efs) succeeded
[ 3.263153] fs_mgr: Running /system/bin/e2fsck on /dev/block/platform/omap/omap_hsmmc.1/by-name/EFS
[ 3.486999] e2fsck: e2fsck 1.42.9 (28-Dec-2013)
[ 3.487030]
[ 3.487396] e2fsck: /dev/block/platform/omap/omap_hsmmc.1/by-name/EFS: clean, 34/1280 files, 1141/5120 bloc
ks
[ 3.487396]
[ 3.497650] EXT4-fs (mmcblk0p1): mounted filesystem with ordered data mode. Opts: barrier=1
[ 3.497772] SELinux: initialized (dev mmcblk0p1, type ext4), uses xattr
[ 3.498107] fs_mgr: __mount(source=/dev/block/platform/omap/omap_hsmmc.1/by-name/EFS,target=/efs,type=ext4)
=0
[ 4.069946] EXT4-fs (mmcblk0p10): recovery complete
[ 4.073120] EXT4-fs (mmcblk0p10): mounted filesystem with ordered data mode. Opts: nomblk_io_submit,errors=
remount-ro
[ 4.073638] SELinux: initialized (dev mmcblk0p10, type ext4), uses xattr
[ 4.074310] fs_mgr: check_fs(): mount(/dev/block/platform/omap/omap_hsmmc.1/by-name/DATAFS,/data,ext4)=0: S
uccess
[ 4.128448] fs_mgr: check_fs(): unmount(/data) succeeded
[ 4.128845] fs_mgr: Running /system/bin/e2fsck on /dev/block/platform/omap/omap_hsmmc.1/by-name/DATAFS
[ 4.248748] e2fsck: e2fsck 1.42.9 (28-Dec-2013)
[ 4.248779]
[ 4.249481] e2fsck: /dev/block/platform/omap/omap_hsmmc.1/by-name/DATAFS: clean, 595/305824 files, 45287/12
21623 blocks
[ 4.249511]
[ 4.267547] EXT4-fs (mmcblk0p10): mounted filesystem with ordered data mode. Opts: barrier=1,noauto_da_allo
c,journal_async_commit
[ 4.268005] SELinux: initialized (dev mmcblk0p10, type ext4), uses xattr
[ 4.268402] fs_mgr: __mount(source=/dev/block/platform/omap/omap_hsmmc.1/by-name/DATAFS,target=/data,type=e
xt4)=0
[ 4.268890] fs_mgr: mount_with_alternatives(): skipping fstab dup mountpoint=/data rec[3].fs_type=f2fs alre
ady mounted as ext4.
[ 4.319244] EXT4-fs (mmcblk0p7): recovery complete
[ 4.322814] EXT4-fs (mmcblk0p7): mounted filesystem with ordered data mode. Opts: nomblk_io_submit,errors=r
emount-ro
[ 4.323272] SELinux: initialized (dev mmcblk0p7, type ext4), uses xattr
[ 4.323791] fs_mgr: check_fs(): mount(/dev/block/platform/omap/omap_hsmmc.1/by-name/CACHE,/cache,ext4)=0: S
uccess
[ 4.354980] fs_mgr: check_fs(): unmount(/cache) succeeded
[ 4.355468] fs_mgr: Running /system/bin/e2fsck on /dev/block/platform/omap/omap_hsmmc.1/by-name/CACHE
[ 4.424987] e2fsck: e2fsck 1.42.9 (28-Dec-2013)
[ 4.424987]
[ 4.425445] e2fsck: /dev/block/platform/omap/omap_hsmmc.1/by-name/CACHE: clean, 28/44832 files, 5892/179200

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blocks
[ 4.425476]
[ 4.434783] EXT4-fs (mmcblk0p7): mounted filesystem with ordered data mode. Opts: barrier=1,noauto_da_alloc
,journal_async_commit
[ 4.435028] SELinux: initialized (dev mmcblk0p7, type ext4), uses xattr
[ 4.435333] fs_mgr: __mount(source=/dev/block/platform/omap/omap_hsmmc.1/by-name/CACHE,target=/cache,type=e
xt4)=0
[ 4.435485] fs_mgr: mount_with_alternatives(): skipping fstab dup mountpoint=/cache rec[5].fs_type=f2fs alr
eady mounted as ext4.
[ 4.438476] zram0: detected capacity change from 0 to 268435456
[ 4.539001] Adding 262140k swap on /dev/block/zram0. Priority:-1 extents:1 across:262140k SS
[ 4.618530] PVR: PVRCore_Init
[ 4.619110] PVR: LinuxMMInit: Maximum page pool size: 10800
[ 4.619537] PVR: PVRSRVDriverProbe(pDevice=ee93a800)
[ 4.619720] PVR: SGX register base: 0x56000000
[ 4.619842] PVR: SGX register size: 65535
[ 4.620025] PVR: SGX IRQ: 53
[ 4.620269] PVR: EnableSystemClocks: Enabling System Clocks
[ 4.620910] PVR: PVRCore_Init: major device 245
[ 4.624694] init: Starting service 'logd'...
[ 4.666381] init: (Loading properties from /system/build.prop took 0.01s.)
[ 4.666656] init: (Loading properties from /vendor/build.prop took 0.00s.)
[ 4.666778] init: (Loading properties from /factory/factory.prop took 0.00s.)
[ 4.673095] init: Starting service 'vold'...
[ 4.676208] init: Not bootcharting.
[ 4.697784] logd.auditd: start
[ 4.697906] logd.klogd: 4671173097
[ 4.909423] init: Starting service 'exec 0 (/system/bin/tzdatacheck)'...
[ 4.959381] init: Service 'exec 0 (/system/bin/tzdatacheck)' (pid 113) exited with status 0
[ 4.972320] init: write_file: Unable to open '/sys/class/input/input3/distortion': No such file or director
y
[ 4.973785] init: write_file: Unable to open '/sys/class/input/input5/distortion': No such file or director
y
[ 4.974487] init: write_file: Unable to open '/sys/class/input/input6/distortion': No such file or director
y
[ 4.977020] init: Starting service 'sysinit'...
[ 4.978179] init: (Loading properties from /data/local.prop took 0.00s.)
[ 5.077239] init: Starting service 'logd-reinit'...
[ 5.083282] init: Starting service 'healthd'...
[ 5.084747] init: Starting service 'lmkd'...
[ 5.085968] init: Starting service 'servicemanager'...
[ 5.087371] init: Starting service 'surfaceflinger'...
[ 5.088623] init: Starting service 'smc_pa'...
[ 5.092681] binder: 123:123 transaction failed 29189, size 0-0
[ 5.109985] init: SELinux: Could not get canonical path /sys/block/sda/queue/scheduler restorecon: No such
file or directory.
[ 5.110229] init: SELinux: Could not get canonical path /sys/block/sde/queue/scheduler restorecon: No such
file or directory.
[ 5.110473] init: SELinux: Could not get canonical path /sys/block/dm-0/queue/scheduler restorecon: No such
file or directory.
[ 5.131744] init: service 'console' requires console
[ 5.132568] init: Service 'smc_pa' (pid 127) exited with status 254
[ 5.133544] init: Starting service 'netd'...
[ 5.145935] init: Starting service 'debuggerd'...
[ 5.148162] init: cannot find '/system/bin/debuggerd64', disabling 'debuggerd64'
[ 5.148376] init: cannot find '/system/bin/rild', disabling 'ril-daemon'
[ 5.149047] init: Starting service 'drm'...
[ 5.150390] init: Starting service 'media'...
[ 5.152496] init: Starting service 'installld'...
[ 5.158355] omap-rproc omap-rproc.1: rproc_loader_cont: failed to load ducati-m3.bin
[ 5.159606] init: Starting service 'keystore'...
[ 5.168151] init: cannot find '/system/vendor/bin/cbd', disabling 'cpboot-daemon'
[ 5.168334] init: cannot find '/system/bin/gpsd', disabling 'gpsd'
[ 5.169036] init: Starting service 'dock_kbd_attach'...
[ 5.177001] init: Starting service 'variant_setup'...
[ 5.184387] init: Starting service 'orientationd'...
[ 5.189025] init: Starting service 'geomagneticd'...
[ 5.190551] init: Starting service 'zygote'...
[ 5.194335] init: Starting service 'gatekeeperd'...
[ 5.222686] logd.daemon: reinit
[ 5.423156] serio: Serial port ttyO3
[ 5.477996] init: Starting service 'perfprofd'...
[ 5.480255] android_usb: already disabled
[ 5.480712] init: Service 'sysinit' (pid 118) exited with status 0
[ 5.481109] init: Service 'logd-reinit' (pid 122) exited with status 0

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[ 5.481658] tsp: pivot mode=1
[ 5.482116] init: Starting service 'adbd'...
[ 5.519897] adb_open
[ 5.520111] mtp_bind_config
[ 5.520202] adb_bind_config
[ 5.720306] init: Service 'variant_setup' (pid 136) exited with status 0
[ 5.923950] init: Starting service 'bootanim'...
[ 6.093933] healthd: wakealarm_init: timerfd_create failed
[ 12.378387] kbd: switch UART IF to AP
[ 12.378479] accessory_power: acc_device 0x0, new 1 : ON
[ 12.487731] warning: `main' uses 32-bit capabilities (legacy support in use)
[ 12.522033] kbd: UK keyboard is attached.
[ 12.566802] input: sec_keyboard as /devices/platform/sec_keyboard.0/input/input7
[ 12.567626] keychord: using input dev sec_keyboard for fevent
[ 12.567779] 30pin_c: detect: device=4
[ 12.567840] cable detect:keyboard-dock attach, current device = 0x0010
[ 12.567993] notify_dock_status: status=1
[ 14.363647] request_suspend_state: wakeup (3->0) at 14336944581 (2019-10-11 20:44:07.929260253 UTC)
[ 22.042358] dummy0: no IPv6 routers present
[ 22.328399] accel_open_calibration: Can't open calibration file
[ 22.329376] accel_open_calibration: Can't open calibration file
[ 23.352935] lowmemorykiller: lowmem_shrink: convert oom_adj to oom_score_adj:
[ 23.353088] lowmemorykiller: oom_adj 0 => oom_score_adj 0
[ 23.353179] lowmemorykiller: oom_adj 1 => oom_score_adj 58
[ 23.353332] lowmemorykiller: oom_adj 2 => oom_score_adj 117
[ 23.353393] lowmemorykiller: oom_adj 3 => oom_score_adj 176
[ 23.353546] lowmemorykiller: oom_adj 9 => oom_score_adj 529
[ 23.353607] lowmemorykiller: oom_adj 15 => oom_score_adj 1000
[ 24.397888] acc_open
[ 24.397979] acc_release
[ 25.252075] SELinux: initialized (dev fuse, type fuse), uses genfs_contexts
[ 25.253448] SELinux: initialized (dev fuse, type fuse), uses genfs_contexts
[ 25.254577] SELinux: initialized (dev fuse, type fuse), uses genfs_contexts
[ 25.663482] SELinux: initialized (dev mmcklklp1, type vfat), uses genfs_contexts
[ 25.743957] SELinux: initialized (dev fuse, type fuse), uses genfs_contexts
[ 25.745391] SELinux: initialized (dev fuse, type fuse), uses genfs_contexts
[ 25.748413] SELinux: initialized (dev fuse, type fuse), uses genfs_contexts
[ 29.172302] binder: 456:464 refcount change on invalid ref 98
[ 31.400817] binder: 456:464 refcount change on invalid ref 182
[ 32.445648] accel_open_calibration: Can't open calibration file
[ 36.944793] init: Service 'bootanim' (pid 172) exited with status 0
[ 47.307525] accel_open_calibration: Can't open calibration file
[ 47.411163] request_suspend_state: sleep (0->3) at 47384429933 (2019-10-11 20:44:40.976745605 UTC)
[ 47.441589] DSSCOMP: dsscomp_early_suspend
[ 47.442626] DSSCOMP: blanked screen
[ 88.146301] accessory_int gpio stat = 0x1
[ 88.207061] 30pin_c: detect: device=4
[ 88.207183] cable detect:keyboard-dock detach, current device = 0x0000
[ 88.207458] notify_dock_status: status=0
[ 88.435211] request_suspend_state: wakeup (3->0) at 88408477793 (2019-10-11 20:45:22.000793465 UTC)
[ 88.435577] DSSCOMP: dsscomp_late_resume
[ 88.860748] accel_open_calibration: Can't open calibration file
[ 88.870880] accessory_power: acc_device 0x2, new 1 : OFF
[ 88.871032] accessory_power: turn off
[ 88.871154] kbd: switch UART IF to CP
[ 92.247009] usb ta_nconnected_irq : VBUS ON
[ 92.248321] [BAT_MANAGER] Charger Connected
[ 92.835510] adc_check_1 adc=0
[ 92.845825] adc_check_1 adc=0
[ 92.857055] adc_check_1 adc=0
[ 92.868103] adc_check_1 adc=0
[ 92.879486] adc_check_1 adc=0
[ 92.879699] check_charger_type: Charger type is [USB], adc = 0
[ 92.879913] charger_detect_work: cable flag : 1, cable_type : 1
[ 92.880279] smb136-charger 5-004d: charging current limit set to 0.5A
[ 92.887695] cable detect:USB attach, current device = 0x0080
[ 92.888061] espresso_con_usb_charger_attached, USB_EVENT_VBUS
[ 93.157470] android_work: sent uevent USB_STATE=CONNECTED
[ 93.167572] android_work: sent uevent USB_STATE=DISCONNECTED
[ 93.288848] android_work: sent uevent USB_STATE=CONNECTED
[ 93.290283] android_usb gadget: high speed config #1: android
[ 93.290496] android_work: sent uevent USB_STATE=CONFIGURED
[ 93.379425] mtp_open

```

Still unable to use the dock. Upon plugging tablet into dock spontaneous resets occur, dock still nonfunctional.

Files

android_dmesg.txt

63.3 KB

02/12/2019

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