


```
loaded key x.ddy.0.phy_cfg1.DQSKEWWR=0
loaded key x.ddy.0.phy_cfg1.DMWRSEL1=0
loaded key x.ddy.0.phy_cfg1.DMWRSEL0=0
loaded key x.ddy.0.phy_cfg1.COMP=1
loaded key x.ddy.0.phy_cfg1.RENSEL=3
loaded key x.ddy.0.phy_cfg1.GTSEL1=1
loaded key x.ddy.0.phy_cfg1.GTNEG1=3
loaded key x.ddy.0.phy_cfg1.GTSEL0=1
loaded key x.ddy.0.phy_cfg1.GTNEG0=3
```

```
***** Rudimentary ddr-3 test, bank#0: ORG = 0xa6d9c816
```

```
0x8000e000 <- 0x80006000
0x8001e000 <- 0x8000e000
0x8003e000 <- 0x8001e000
0x8007e000 <- 0x8003e000
0x800fe000 <- 0x8007e000
0x801fe000 <- 0x800fe000
0x803fe000 <- 0x801fe000
0x807fe000 <- 0x803fe000
0x80ffe000 <- 0x807fe000
0x81ffe000 <- 0x80ffe000
0x83ffe000 <- 0x81ffe000
0x87ffe000 <- 0x83ffe000
0x8ffe000 <- 0x87ffe000
0x8ffe000 <- 0x8ffe000
```

```
***** Rudimentary ddr-3 test: ~0 bit failures!
```

```
Boot from NAND...
```

```
jdec id=469590da01
```

```
mlcnand_if_init() returned OK
```

```
device read in virtual offset 0x000c0000 for ZXENV succeeded!
```

```
device read in physical offset of xos3 succeeded!
```

```
device read in virtual offset 0x00040000 for ezboot xload
succeeded!
```

```
!Cezboot xload3 rc=6
```

```
!X
```

```
exos3P2c (010 config 0x86750002 / subid 0x00 7 feat 0x00300002 )
3serial#13a4e84831293478046f9b3163c09251]
```

```
[0emid#d19140c7f88a225b6423sa955ca3be8260ed284815de2db6449734e7497
dba46]
```

```
#step22
```

```
ruamm0 [0x92200000,0x9f2f0000[ (~219086848 bytes)
```

```
[0x9f2b0000,xos_public_ga=0x9f2c0000[ and [0x9f2e0000,0x9f2f0000[
are lost for alignment)
```

```
channel_index_ga=0#9i
```

```
fcd4
[0x9ec00000,ios_ga=0x9ec00000[ and [0x9f000000,0x9f29fcbcb[ are
lost for alignment)
GW32 0x0006f008 0x80000000 [va=0x84000000]
GW32 0x0006f00c 0x84000000 [va=0x88000000]
GW32 0x0006f010 0x88000000 [va=0x8c000000]
step33
xos version = 0x2c
xos serial = 13a4e94831293478046f9b3163c39251
Using zbootxenv ga=0x9ebfbff4 (va=0xbabfbff4)
Chip identified as SMP8675B00 (02) rev 3 prod (oemid:
d19140c7f88a225b64230a955ca3be8260ed284815de2db6449734e7497dba46)

*****
* SMP86xx zboot start ...
* Version: 3.1.0
* Started at 0xd00f7d74.
* Configurations (chip revision: 3):
*   Enabled checkpoints.
*****
DRAM0 dunit_cfg/delay0_ctrl (0x2730041b/0x65651e41).
DRAM1 dunit_cfg/delay0_ctrl (NA/NA).
Using UART port 0 as console.
Board ID.: 1062-E1 MTD
Setting up H/W from XENV block at 0xbabfbff4.
  Setting <SYSCLK avclk_mux> to 0x17400000.
  Setting <SYSCLK hostclk_mux> to 0x00000131.
  Setting <IRQ rise edge trigger lo> to 0xff28ca06.
  Setting <IRQ fall edge trigger lo> to 0x0000c000.
  Setting <IRQ rise edge trigger hi> to 0x8c10001f.
  Setting <IRQ fall edge trigger hi> to 0x00000000.
  Setting <IRQ GPIO map> to 0x000a0800.
  Setting <PB default timing> to 0x03080202.
  Setting <PB timing0> to 0x03060002.
  Keeping <PB Use timing0> to 0x000003f3.
  Keeping <PB CS Config> to 0x00330003.
  Setting <PB CS Ctrl> to 0x00000022.
  Enabled Devices: 0x002303f8
    Ethernet IR FIP I2CM I2CS SDIO SDIO1 USB SATA SCARD
  Smartcard pin assignments:
    OFF pin = 0
    5V pin = 2
    CMD pin = 1
PLL#1 postdivider = 0x0000060f
cd#0 disabled
cd#1 disabled
```

```
cd#2 want 96000000Hz: setting of 0x0000000043800000-2^28
cd#2 cannot measure
cd#3 want 60000000Hz: setting of 0x000000006c000000-2^28
cd#3 cannot measure
cd#4 disabled
cd#5 disabled
cd#6 want 96000000Hz: setting of 0x0000000043800000-2^28
cd#6 measured to 0kHz
cd#7 disabled
cd#8 disabled
cd#9 disabled
cd#10 disabled
cd#11 disabled
  GPIO dir/data = 0x0000c800/0x00008800
  UART1 GPIO mode/dir/data = 0x00/0x00/0x00
  UART2 GPIO mode/dir/data = 0x00/0x00/0x00
  MAC0: b0:46:fc:b2:d8:f0
XENV block processing completed.
Default boot index: 1
IPU Stage0 booted from devtype: 0, chipselect: 0, phyblocknum: 2,
zxenv block#: 6
Explicit boot order specified:
  0x00 : devtype=0, CS=0
  0x01 : devtype=0, CS=1
ezboot buffers, setup in DRAM bank#0:
  Alloting 2097152 bytes for heap.
  Alloting 16777216 bytes for reading.
  Alloting 16777216 bytes for decryption.
Checking for DRM key ROMFS... at offset 0x00140000 in virtual
zone, size of 131072 bytes
Trying devtype=0 chipselect=0
nandlib_init(cs=0, reserved_phyblocks=4096, pagesize_shift=0,
extecc=0
nand_probe 0x0xd0103b38
reserved phyblocks exceeds range, skipping ..
Reading NAND CS0, addr 0x00140000, size 0x00020000 to 0x01840000
Reading NAND CS0, addr 0x00140800, size 0x00001000 to 0x01840800
Processing files in ROMFS...
ROMFS found at 0x0x01840000, Volume name = DRMKEYS
Found 2 file(s) to be processed in ROMFS.
Processing
hdcppkeys_4880_549134a5353c3c4cd8401430c1ae62cf.0276.xload3 (start:
0x01840ba0, size: 0x000009c8)
xloading... ga=0x81840ba0
DRM key loaded.
Processing
```

```
iptoken4_00000239_SMP8675B00_2014-12-16.549134a5353c3c4cd8401430c1
ae62cf.02ac.xload3 (start: 0x018400d0, size: 0x00000a78)
xloading... ga=0x818400d0
DRM key loaded.
Checking for HDCP key... no z.hdcp_key_offset found in ZXENV
hdcp key loading process failed.
xmat romfs goes to 0x9eafbfe0 (ga)
xmat romfs goes to 0xb6afbfe0 (va)
Trying devtype=0 chipssel=0
Reading xmaterial from BBA physical zone
Reading NAND CS0, addr 0x00200000, size 0x00000800 to 0xb6afbfe0
Reading NAND CS0, addr 0x00200800, size 0x00070c00 to 0xb6afc7e0
File xtask_loader.xload3 found
found imat romfs @ 0x00300000
imap romfs goes to 0x9e0fbfc0 (ga)
imap romfs goes to 0xb60fbfc0 (va)
Trying devtype=0 chipssel=0
Reading imaterial from BBA physical zone
Reading NAND CS0, addr 0x00300000, size 0x00000800 to 0xb60fbfc0
Reading NAND CS0, addr 0x00300800, size 0x003cb400 to 0xb60fc7c0
File itask_loader.iloader found
Trying devtype=0 chipssel=0
reading z.boot1 (vzx=0xbabfbff4) is 0x00d00000, BBA physical zone
Reading NAND CS0, addr 0x00d00000, size 0x00000800 to 0x01840000
Reading NAND CS0, addr 0x00d00800, size 0x00a58c00 to 0x01840800
Found.
ROMFS found at 0x0x01840000, Volume name = MIPS LINUX_XLOAD
Found 1 file(s) to be processed in ROMFS.
Processing vmlinux_xload.zbf (start: 0x01840090, size: 0x00a592d8)
  Checking zboot file signature .. OK.
  Warning: header version mismatched.
  *** Signed Only.
src_addr = 0x018400b0, dest addr = 0x00000000
XLOADING src=0x818400b0, dest=0x00000000, size=0x00a592b8
  Decompressing to 0x84000000 .. OK (14540108/0xdddd4c).
  Load time total 0/0 msec.
xload.c:68: Waiting for XLOAD completion.
xload.c:78: XLOAD done, status = 0x6.
Execute at 0x84007e90 ..
Linux version 2.6.35.9-32-sigma (hiennguyen@sv-linuxuc03) (gcc
version 4.3.2 (Sourcery G++ Lite 4.3-51) ) #569 PREEMPT Thu Nov 30
09:35:12 ICT 2017
Configured for SMP867x, detected SMP8675 (revision ES3).
Detected CPU/System/DSP Frequencies: 702.00/351.00/351.00MHz
SMP86xx Enabled Devices under Linux/XENV 0x9ebfbff4 = 0x002303f8
Ethernet IR FIP I2CM I2CS SDIO SDIO1 USB SATA SCARD
```

```
Desired kernel memory size: 0x04000000
Max. DRAM0/1 size allowed: 0x12200000/0x00000000
Mapped 0x80000000(size 0x04000000) via remap2
Final kernel memory size: 0x04000000
CPU revision is: 0001937c (MIPS 24Kc)
FPU revision is: 01739300
Determined physical RAM map:
  memory: 04000000 @ 04000000 (usable)
parsing kernel command line for memory options ..
Desired kernel memory size: 0x13200000
Max. DRAM0/1 size allowed: 0x12200000/0x00000000
Mapped 0x80000000(size 0x04000000) via remap2
Mapped 0x84000000(size 0x04000000) via remap3
Mapped 0x88000000(size 0x04000000) via remap4
Mapped 0x8c000000(size 0x04000000) via remap5
Mapped 0x90000000(size 0x02200000) via remap6
Final kernel memory size: 0x12200000
User-defined physical RAM map:
  memory: 12200000 @ 04000000 (usable)
Wasting 524288 bytes for tracking 16384 unused pages
Initrd not found or empty - disabling initrd
Zone PFN ranges:
  DMA      0x00004000 -> 0x00020000
  Normal   empty
  HighMem  empty
Movable zone start PFN for each node
early_node_map[1] active PFN ranges
  0: 0x00004000 -> 0x00016200
On node 0 totalpages: 74240
free_area_init_node: node 0, pgdat 846134f0, node_mem_map 84e38000
  DMA zone: 580 pages used for memmap
  DMA zone: 0 pages reserved
  DMA zone: 73660 pages, LIFO batch:15
Built 1 zonelists in Zone order, mobility grouping on. Total
pages: 73660
Kernel command line: console=ttyS0 mem=306M
PID hash table entries: 2048 (order: 1, 8192 bytes)
Dentry cache hash table entries: 65536 (order: 6, 262144 bytes)
Inode-cache hash table entries: 32768 (order: 5, 131072 bytes)
Primary instruction cache 32kB, 4-way, VIPT, linesize 32 bytes.
Primary data cache 32kB, 4-way, PIPT, no aliases, linesize 32
bytes
Writing ErrCtl register=0007f500
Readback ErrCtl register=0007f500
Memory: 279672k/296960k available (5094k kernel code, 17288k
reserved, 1134k data, 7968k init, 0k highmem)
```


Hierarchical RCU implementation.

RCU-based detection of stalled CPUs is disabled.

Verbose stalled-CPU detection is disabled.

NR_IRQS:256

Console: colour dummy device 80x25

console [ttyS0] enabled

Calibrating delay loop... 466.94 BogoMIPS (lpj=233472)

pid_max: default: 32768 minimum: 301

Mount-cache hash table entries: 512

devtmpfs: initialized

NET: Registered protocol family 16

bio: create slab <bio-0> at 0

SCSI subsystem initialized

libata version 3.00 loaded.

usbcore: registered new interface driver usbfs

usbcore: registered new interface driver hub

usbcore: registered new device driver usb

cfg80211: Calling CRDA to update world regulatory domain

Switching to clocksource TANGOX

NET: Registered protocol family 2

IP route cache hash table entries: 4096 (order: 2, 16384 bytes)

TCP established hash table entries: 16384 (order: 5, 131072 bytes)

TCP bind hash table entries: 16384 (order: 4, 65536 bytes)

TCP: Hash tables configured (established 16384 bind 16384)

TCP reno registered

UDP hash table entries: 256 (order: 0, 4096 bytes)

UDP-Lite hash table entries: 256 (order: 0, 4096 bytes)

NET: Registered protocol family 1

RPC: Registered udp transport module.

RPC: Registered tcp transport module.

RPC: Registered tcp NFSv4.1 backchannel transport module.

timer0: interrupt registered.

registering mbus interrupt routines.

SMP86xx zxenv (254:0): driver loaded.

Slow work thread pool: Starting up

Slow work thread pool: Ready

ROMFS MTD (C) 2007 Red Hat, Inc.

msgmni has been set to 546

alg: No test for stdrng (krng)

io scheduler noop registered

io scheduler deadline registered

io scheduler cfq registered (default)

Serial: 8250/16550 driver, 3 ports, IRQ sharing disabled

serial8250: ttyS0 at MMIO 0x0 (irq = 9) is a 16550A

serial8250: ttyS1 at MMIO 0x0 (irq = 10) is a 16550A

serial8250: ttyS2 at MMIO 0x0 (irq = 71) is a 16550A

```
loop: module loaded
[SMP_NAND] SMP8xxx NAND Driver 0.3 (multi-bits ECC: enabled)
[SMP_NAND]: checking NAND device on CS0 ..
ONFI flash detected
ONFI param page 0 valid
NAND device: Manufacturer ID: 0x01, Chip ID: 0xda (AMD NAND 256MiB
3,3V 8-bit)
Scanning device for bad blocks
[SMP_NAND]: detected NAND on CS0, 256MiB, erasesize 128KiB,
pagesize 2048B, oobsize 128B, oobavail 66B
[SMP_NAND]: CS0 oobsize mismatch detected (64B specified, 128B
detected)
[SMP_NAND]: checking NAND device on CS1 ..
No NAND device found.
[SMP_NAND]: detection completed, load partition information from
XENV ..
[SMP_NAND]: load partition information for CS0 ..
Creating 7 MTD partitions on "S34ML02G2":
0x0000000000000-0x0000000200000 : "bootblocks"
0x0000000200000-0x0000000300000 : "xmaterial"
0x0000000300000-0x0000000d00000 : "imaterial"
0x0000000d00000-0x0000002100000 : "kernel"
0x0000002100000-0x0000003500000 : "kernelbackup"
0x0000003500000-0x0000003f00000 : "userdata"
0x0000003f00000-0x0000010000000 : "sdk"
tangox_enet0: detected phy unknown at address 0x05
tangox_enet0: Ethernet driver for SMP8xxx internal MAC core 0:
100Mbps Base at 0x26000
tangox_enet0: mac address b0:46:fc:b2:d8:f0
tangox_enet1: ethernet mac_core 1 support is disabled from XENV
ehci_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver
Initializing Tangox EHCI USB Host Controller
TangoX USB initializing...
tangox-ehci-hcd-0 tangox-ehci-hcd-0: TangoX USB 2.0
tangox-ehci-hcd-0 tangox-ehci-hcd-0: new USB bus registered,
assigned bus number 1
tangox-ehci-hcd-0 tangox-ehci-hcd-0: irq 48, io mem 0xa0021500
tangox-ehci-hcd-0 tangox-ehci-hcd-0: USB 0.0 started, EHCI 1.00
hub 1-0:1.0: USB hub found
hub 1-0:1.0: 1 port detected
Initializing Tangox EHCI USB Host Controller
TangoX USB initializing...
tangox-ehci-hcd-1 tangox-ehci-hcd-1: TangoX USB 2.0
tangox-ehci-hcd-1 tangox-ehci-hcd-1: new USB bus registered,
assigned bus number 2
tangox-ehci-hcd-1 tangox-ehci-hcd-1: irq 15, io mem 0xa0025500
```



```
tangox-ehci-hcd-1 tangox-ehci-hcd-1: USB 0.0 started, EHCI 1.00
hub 2-0:1.0: USB hub found
hub 2-0:1.0: 1 port detected
No OHCI in SMP8652/SMP8653/SMP8646/SMP8647/SMP867X.
mice: PS/2 mouse device common for all mice
i2c /dev entries driver
tangoxdog: Hardware Watchdog Timer for
SMP864x/SMP865x/SMP867x/SMP868x/SMP89xx 0.2 (def. timeout: 30 sec)
Netfilter messages via NETLINK v0.30.
nf_conntrack version 0.5.0 (4369 buckets, 17476 max)
ctnetlink v0.93: registering with nfnetlink.
IPVS: Registered protocols ()
IPVS: Connection hash table configured (size=4096,
memory=32Kbytes)
IPVS: ipvs loaded.
TCP cubic registered
NET: Registered protocol family 10
lo: Disabled Privacy Extensions
Mobile IPv6
ip6_tables: (C) 2000-2006 Netfilter Core Team
IPv6 over IPv4 tunneling driver
sit0: Disabled Privacy Extensions
ip6tnl0: Disabled Privacy Extensions
NET: Registered protocol family 17
lib80211: common routines for IEEE802.11 drivers
lib80211_crypt: registered algorithm 'NULL'
lib80211_crypt: registered algorithm 'WEP'
lib80211_crypt: registered algorithm 'CCMP'
lib80211_crypt: registered algorithm 'TKIP'
Freeing unused kernel memory: 7968k freed
Using rootfs from initramfs/initrd ...
yaffs built Apr 14 2016 13:26:02 Installing.
yaffs: dev is 32505862 name is "mtdblock6" rw
yaffs: passed flags "inband-tags"
yaffs: Attempting MTD mount of 31.6,"mtdblock6"
yaffs: dev is 32505863 name is "mtdblock7" rw
yaffs: passed flags "inband-tags"
yaffs: Attempting MTD mount of 31.7,"mtdblock7"
yaffs: restored from checkpoint
yaffs_read_super: is_checkpointed 1
yaffs: restored from checkpoint
yaffs_read_super: is_checkpointed 1
Initializing USB Mass Storage driver...
usbcore: registered new interface driver usb-storage
USB Mass Storage support registered.
USB GO TO SLEEP HHHH
```

```
usbcore: registered new interface driver hiddev
usbcore: registered new interface driver usbhid
usbhid: USB HID core driver
[USB update - v3.1.x - 2017/11/08] Wait 10 seconds time up
Configuring network interfaces...
192.168.1.164
255.255.255.0
192.168.1.1
192.168.1.1
Start allow user run root cmd HHHH
Done allow user run root cmd HHHH
Run check_for_update.sh in /tango/app/ .....
SCRIPT VERSION: 3.1.x_20171115
...
SMP86xx ir (253:0): driver loaded (wait_period = 150ms,
buffer_size = 6)
fctrl: module license 'Proprietary' taints kernel.
Disabling lock debugging due to kernel taint
fctrl detects SMP8674B chip (PS3) capable of DDR3 refresh
Tango3 frequency scaling module installed, (standby mode
supported).
ir: Enable NEC decoder (0x00000000)
ir: Enable RC5 decoder (0x00000000)
ir: Enable RC6 decoder
No need updating file ...
FIRMWARE_VERSION=3.1.5
app.tgz_PKG=success
app.tgz_URL=http://fbox-fw.fpt.vn/rom8675B00//v3.1.5.ccplus/app.tgz
z
app.tgz_CKSUM=2609892369
sop.tgz_PKG=success
sop.tgz_URL=http://fbox-fw.fpt.vn/rom8675B00//v3.1.5.ccplus/sop.tgz
z
sop.tgz_CKSUM=3932768104
mrua.tgz_PKG=success
mrua.tgz_URL=http://fbox-fw.fpt.vn/rom8675B00//v3.1.5.ccplus/mrua.
tgz
mrua.tgz_CKSUM=3831078226
mruafw.tgz_PKG=success
mruafw.tgz_URL=http://fbox-fw.fpt.vn/rom8675B00/v3.0.28.ccplus/mru
afw.tgz
mruafw.tgz_CKSUM=271470788
FPT-KERNEL.bin_PKG=success
FPT-
KERNEL.bin_URL=http://fbox-fw.fpt.vn/rom8675B00//v3.1.5.ccplus/FPT
-KERNEL.bin
```

```
FPT-KERNEL.bin_CKSUM=829335078
FPT-B00T-YAMON.bin_PKG=success
FPT-B00T-
YAMON.bin_URL=http://fbox-fw.fpt.vn/rom8675B00/v3.0.28.ccplus/FPT-
B00T-YAMON.bin
FPT-B00T-YAMON.bin_CKSUM=3399129754
FPT-ITASK.bin_PKG=success
FPT-
ITASK.bin_URL=http://fbox-fw.fpt.vn/rom8675B00/v3.0.28.ccplus/FPT-
ITASK.bin
FPT-ITASK.bin_CKSUM=3371451715
FPT-XTASK.bin_PKG=success
FPT-
XTASK.bin_URL=http://fbox-fw.fpt.vn/rom8675B00/v3.0.28.ccplus/FPT-
XTASK.bin
FPT-XTASK.bin_CKSUM=294322340
tango.tgz_PKG=success
tango.tgz_URL=http://fbox-fw.fpt.vn/rom8675B00/v2.4.28.bg/tango.tg
z
tango.tgz_CKSUM=3601302990
smp_updater.sh_PKG=success
smp_updater.sh_URL=http://fbox-fw.fpt.vn/rom8675B00//v3.1.5.ccplus
/smp_updater.sh
smp_updater.sh_CKSUM=439857655Proceed to normal boot sequence...
Check CPU binding
Found your list file: /etc/fpt/mylistenc.txt.
Found the destination: /tmp/tango.
Decrypting /tango/sop/clients/verimatrix/libs/libvmclient.so.enc
to /tmp/tango/libvmclient.so

Sigma Designs SMP8xxx development environment (based on buildroot
project)

1062_E1 login: Found your list file: /tmp/tango/mylist.txt.
The digest consisting of shalsums of the files in:
/tmp/tango/mylist.txt, is in: /tmp/tango/appx.dgst.
/tmp/tango /etc/init.d
/etc/init.d
Verified OK
[16/01/2017] Authentication pass, run run in /tango ..... !!!
save exit: is_checkpointed 1
save exit: is_checkpointed 1
Configuring network interfaces...
/tango /tango/mruea
/tango/mruea
```

```
Creating /dev/mum0
Creating /dev/em8xxx0
Loading llad.ko
Chip identified as SMP8674 prod (certificate id unused, t3iptv
family)
34420
fw_reload_smp8674.bash
/tango/mruea/bin/xkc
Unloading ios
Stopping audio0... OK
Stopping audio1... OK
Stopping audio2... FAILED
Stopping video0... OK
Stopping video1... FAILED
Stopping demux0... OK
Stopping demux1... FAILED
Unloading of demuxpsf ucode... FAILED
Unloading of audio ucode... FAILED
Unloading of video ucode... FAILED
config_byte decimal=0 noreal nodts dd
Using scratch=0x9debf7a4
Loading video ucode
Loading audio ucode
Loading demuxpsf ucode
Starting demux0
Starting demux1
    starting demux1 failed. 864x, 8652, 8670, 868x have no demux1.
Starting video0
Starting video1
    starting video1 failed. 8652, 8654, 8670, 868x have no video1.
Starting audio0
Starting audio1
Starting audio2
    starting audio2 failed. 8652, 8654, 8670, 868x have no audio2.
save exit: is_checkpointed 1
/tango/mruea/MRUEA_src/llad_xtest/genxenv2
[USB update] Exit script...
/tango/mruea/MRUEA_src/llad_smallapps/gbus_read_bin_to_file
ios_ga=0x9ec00000, ios_size=0x00400000, log2_ios=20
To ga=0x9ef00000
mumk_register_tasklet: (0) tasklet c03bc000 status @c0332f7c
em8xxx [...kernel_src/krua.c: 1779] init_module: done. Found 1
em8xxx
demux0    is  alive
audio0    is  alive
audio1    is  alive
```

```
mpeg0      is  alive
ipu        is  alive
ih         is  alive
firmware reload successful
*****
*****
* smpoutd run.env
*****
*****
Tue Mar 15 14:30:30 GMT-7 2016
LD_LIBRARY_PATH=/tango/mrue/MRUA_src/lib:/usr/lib:/lib::/tango/sop
/smpoutd/build/lib
OUTD_DIR=/tango/sop/smpoutd/build
PATH=/tango/mrue/MRUA_src/rmchannel/ios_client:/tango/mrue/MRUA_s
rc/rmchannel/test:/tango/mrue/MRUA_src/rmchannel/xos2k_client:/t
ango/mrue/MRUA_src/llad_xtest:/tango/mrue/MRUA_src/llad_smallapps
:/tango/mrue/MRUA_src/xbin:/tango/mrue/MRUA_src/rmfp/test:/tango
/mrue/MRUA_src/rmoutports/test:/tango/mrue/MRUA_src/rmedid/test:/
/tango/mrue/MRUA_src/rmoutput/test:/tango/mrue/MRUA_src/bin:/tan
go/mrue/MRUA_src/samples:/tango/mrue/bin:/sbin:/usr/sbin:/bin:/u
sr/bin:/etc/init.d:/tango/sop/smpoutd/build/bin
25 Jan 14:10:44 ntpdate[1307]: step time server 118.69.252.17
offset 58837214.373238 sec

disp_cmdline = -o hdmi cav cvbs -vdac_mux 000000Mv -sdcav -r pref
-sdf NTSC_M -v warning
HDMI code compiled without thread support! Will use polling for
HDMI updates.
[Setting] MAC ADDRESS:B046FCB2D8F0
Init soap_ssl successfully.
Init fsharews soap_ssl_client_context successfully.
Init fboxws soap_ssl_client_context successfully.
EXIT PARENT SUCCESS pid 1317

----- smpoutd brief configuration -----
HDMI:   enabled[ ] connected[ ] hdcp[ ] vmode[N/A]
CAV:    enabled[X] vmode[NTSC_M]
CVBS:   enabled[X] vmode[NTSC_M]
audio:  HDMI[ ] SPDIF[ ] Analog[ ], crt.bitstream HDMI[ ] SPDIF[ ]
-----

Installing the Fusion Driver
Starting fusion driver v9.0.3
```

```
-> initializing shared area at 93f4c000
Installing the Framebuffer Driver from
/tango/sop/directfb/install/lib/modules
SMPFB: [smpfb_probe] start
em8xxx0 [...kernel_src/krua.c: 1288] Emhwlibregistercleanable
ERROR : cannot find CURRENT_EM8XXX_ID 1396 in openers. Continuing
but cleanable will be attached to pseudo-ID 0.
SMPFB: [smpfb_probe] allocated and acquired video mem @ 0x95e2fc60
in DRAM #0, size 67108864
SMPFB: [smpfb_probe] rounded videomem to page boundary, now
videomem_size=67104768, lost 4096 bytes
SMPFB: [smpfb_probe] locked 16383 regions, starting from region
0x0 at offset 0x00000000 @ 0x95e30000 67104768 bytes
em8xxx0 [...kernel_src/krua.c: 1288] Emhwlibregistercleanable
ERROR : cannot find CURRENT_EM8XXX_ID 1396 in openers. Continuing
but cleanable will be attached to pseudo-ID 0.
em8xxx0 [...kernel_src/krua.c: 1288] Emhwlibregistercleanable
ERROR : cannot find CURRENT_EM8XXX_ID 1396 in openers. Continuing
but cleanable will be attached to pseudo-ID 0.
em8xxx [...kernel_src/krua.c: 1094] Registering event callback
with module_id 0x00000020 and mask 0x00000001
SMPFB/GFX: [gfx_init] GFX uncached addr 0x95e22000, size 52936
SMPFB: [smpfb_probe] check smp ptr: smp=c048fe48, from
fbinfo=c048fe48
SMPFB: [smpfb_setup_fb_info] Setting up fb_info
SMPFB: [smpfb_probe] call local_init_osd0_layer
SMPFB/DISP: [smpfb_disp_init_layer_surface] Initializing layer 0
surface
em8xxx0 [...kernel_src/krua.c: 1288] Emhwlibregistercleanable
ERROR : cannot find CURRENT_EM8XXX_ID 1396 in openers. Continuing
but cleanable will be attached to pseudo-ID 0.
em8xxx0 [...kernel_src/krua.c: 1288] Emhwlibregistercleanable
ERROR : cannot find CURRENT_EM8XXX_ID 1396 in openers. Continuing
but cleanable will be attached to pseudo-ID 0.
SMPFB: [local_init_osd0_layer] layer OSD0 surface dram=0x95e30000,
size 0x384000, pic count 1
SMPFB: [smpfb_probe] call register_framebuffer
SMPFB: [smpfb_probe] fb0: smpfb frame buffer device @ 0x95e30000
size 67104768
PATH =
/tango/mrua/MRUA_src/rmchannel/ios_client/:/tango/mrua/MRUA_src/rm
channel/test/:/tango/mrua/MRUA_src/rmchannel/xos2k_client/:/tango/
mrua/MRUA_src/llad_xtest/:/tango/mrua/MRUA_src/llad_smallapps:/tan
go/mrua/MRUA_src/xbn/:/tango/mrua/MRUA_src/rmfp/test/:/tango/mrua
/MRUA_src/rmoutports/test/:/tango/mrua/MRUA_src/rmedid/test/:/tang
o/mrua/MRUA_src/rmoutput/test/:/tango/mrua/MRUA_src/bin/:/tango/mr
```



```
ua/MRUA_src/samples/:/tango/mrue/bin/:/sbin:/usr/sbin:/bin:/usr/bin:/etc/init.d:/tango/sop/smpoutd/build/bin
LD_LIBRARY_PATH =
/tango/sop/directfb/install/lib:/tango/mrue/MRUA_src/lib:/usr/lib:/lib::/tango/sop/smpoutd/build/lib:/tango/app/
DFB_INSTALL_DIR = /tango/sop/directfb/install

*****
*****
* gstreamer run.env
*****
*****
GSTREAMER_DIR=/tango/sop/gstreamer
GSTREAMER_INSTALL_DIR=/tango/sop/gstreamer/install
GSTREAMER_PATH_SUFFIX=1.0
GST_PLUGIN_PATH=/tango/sop/gstreamer/install/lib/gstreamer-1.0
GST_PLUGIN_SCANNER=/tango/sop/gstreamer/install/libexec/gstreamer-1.0/gst-plugin-scanner
LD_LIBRARY_PATH=/tango/sop/gstreamer/install/lib:/tango/sop/sapi/lib:/tango/sop/directfb/install/lib:/tango/mrue/MRUA_src/lib:/usr/lib:/lib::/tango/sop/smpoutd/build/lib:/tango/app:/tango/sop/clients/verimatrix/libs
PATH=/tango/sop/gstreamer/install/bin:/tango/sop/sapi/bin:/tango/mrue/MRUA_src/rmchannel/ios_client:/tango/mrue/MRUA_src/rmchannel/test:/tango/mrue/MRUA_src/rmchannel/xos2k_client:/tango/mrue/MRUA_src/llad_xtest:/tango/mrue/MRUA_src/llad_smallapps:/tango/mrue/MRUA_src/xbin:/tango/mrue/MRUA_src/rmfp/test:/tango/mrue/MRUA_src/rmoutports/test:/tango/mrue/MRUA_src/rmedid/test:/tango/mrue/MRUA_src/rmoutput/test:/tango/mrue/MRUA_src/bin:/tango/mrue/MRUA_src/samples:/tango/mrue/bin:/sbin:/usr/sbin:/bin:/usr/bin:/etc/init.d:/tango/sop/smpoutd/build/bin
*****
*****
* qt run.env
*****
*****
LD_LIBRARY_PATH=/tango/sop/gstreamer/install/lib:/tango/sop/sapi/lib:/tango/sop/directfb/install/lib:/tango/mrue/MRUA_src/lib:/usr/lib:/lib::/tango/sop/smpoutd/build/lib:/tango/app:/tango/sop/clients/verimatrix/libs:/tango/sop/qtwebkit/install/lib
PATH=/tango/sop/gstreamer/install/bin:/tango/sop/sapi/bin:/tango/mrue/MRUA_src/rmchannel/ios_client:/tango/mrue/MRUA_src/rmchannel/test:/tango/mrue/MRUA_src/rmchannel/xos2k_client:/tango/mrue/MRUA_src/llad_xtest:/tango/mrue/MRUA_src/llad_smallapps:/tango/mrue/MRUA_src/xbin:/tango/mrue/MRUA_src/rmfp/test:/tango/mrue/MRUA_src/rmoutports/test:/tango/mrue/MRUA_src/rmedid/test:/tango/mrue/M
```

```
RUA_src/rmoutput/test/:/tango/mrua/MRUA_src/bin/:/tango/mrua/MRUA_
src/samples/:/tango/mrua/bin/:/sbin:/usr/sbin:/bin:/usr/bin:/etc/i
nit.d/:/tango/sop/smpoutd/build/bin:/tango/sop/qtwebkit/install/bi
n:/tango/sop/qtwebkit/install/demos/browser_library/test/:/tango/s
op/qtwebkit/install/demos/browser/:/tango/sop/qtwebkit/install/dem
os/QtGstPlayer/
QT_DIR=/tango/sop/qtwebkit
QT_INSTALL_DIR=/tango/sop/qtwebkit/install
QT_QPA_PLATFORM=DfbEglFS
QT_QPA_PLATFORM_PLUGIN_PATH=/tango/sop/qtwebkit/install/plugins/pl
atforms
WEBKIT_BROWSER_LIB_PATH=/tango/sop/qtwebkit/install/demos/browser_
library/browser/libbrowser.so
ir: Disable NEC decoder
ir: Disable RC5 decoder
ir: Disable RC6 decoder
[INFO__]-[2018-1-25 14:10:51:437:437415] [719130624]
src/base/AbsModule.cpp:23 registerApp() :
REGISTER MODULE
ErroData: constructor
[INFO__]-[2018-1-25 14:10:51:505:505118] [719130624]
src/base/AbsModule.cpp:23 registerApp() :
REGISTER MODULE
commandline read: CBox

~~~~~| DirectFB 1.6.3
|~~~~~
(c) 2012-2013 DirectFB integrated media GmbH
(c) 2001-2013 The world wide DirectFB Open Source
Community
(c) 2000-2004 Convergence (integrated media) GmbH
-----
----

(*) DirectFB/Core: Multi Application Core. (2017-09-01 02:44)
(*) Fusion/SHM: Using MADV_REMOVE (2.6.35.9 >= 2.6.19.2)
(*) Direct/Thread: Started 'Fusion Dispatch' (-1) [MESSAGING
OTHER/OTHER 0/0] <1048576>...
(*) Direct/Thread: Started 'Fusion Deferred' (-1) [MESSAGING
OTHER/OSMPFB: [smpfb_open] Open Minor = 0
THER 0/0] <1048576>: [local_ref_current_pid] 64: PID=1426
smpfb_ref=1 (delta=1)
76>...
(*) Direct/ThreaSMPFB: [smpfb_mmap] videomemory asked: 0x00000000
phys=0x95e30000 (videomem @ 0x95e30000)
d: Started 'VT Skc_remap_page_range(93f2b9bc, 2dba4000, 95e30000,
```

```
67104768, 93f2b9d0)
witcher' (-1) [Ckc_remap_page_range(93f2b9bc, 2dba4000, 95e30000
(00095e30), 67104768, 93f2b9d0)
RITICAL OTHER/OTSMFPB: [smpfb_mmap] remapped 67104768 bytes in
userland of process 1426 at address vma_start 0x2dba4000 to
phys=0x95e30000
HER 0/0] <1048576>...
(*) Direct/Thread: Started 'VT Flusher' (-1) [DEFAULT OTHER/OTHER
0/0] <1048576>...
(*) DirectFB/FBDev: Found 'SMP86XXFB 0' (ID 60) with frame buffer
at 0x95e30000, 65532k (MMIO 0x00000000, 0k)
(*) DirectFB/Input: SMP8XXX CEC remote 1.0 (Sigmir: Enable NEC
decoder (0x00000000)
aDesigns)
(*) Direct/Thread: Started 'Virtual Iir: Enable RC5 decoder
(0x80000000)
nput' (-1) [INPUir: Enable RC6 decoder
T OTHER/OTHER 0/0] <1048576>...
(*) DirectFB/Input: Virtual Input 1.6 (Convergence GmbH)
(*) Direct/Thread: Started 'SMP86XX IR Input' (-1) [INPUT
OTHER/OTHER 0/0] <1048576>...
(*) DirectFB/Input: SMP8XXX IR remote 1.0 (SSMPFB/GFX:
[gfx_acquire_GFX_scaler] GFX scaler is used as a MV deinterlacing
companion; removing !
igmaDesigns)
(*SMPFB/GFX: [gfx_acquire_GFX_scaler] Could not get GFX scaler
mixer source index on mixer 13; ignoring
) Direct/Thread:SMPFB: [smpfb_ioctl] SMP8XXXFB_IOCTL_GET_GFXENGINE
Started 'SMP86XX TCP Input' (-1SMPFB: [smpfb_check_var] check
and alter fb_var_screeninfo) [INPUT OTHER/OTHER 0/0] <1048576>...
(*) DirectFB/Input: SMP86XX remote control over TCP 0.1
(SigmaDesigns)
(*) Direct/Thread: Started 'Hotplug with Linux Input' (-1) [INPUT
OTHER/OTHER 0/0] <1048576>...
(*) DirectFB/Input: Hot-plug detection enabled with Linux Input
Driver
(*) SMP86XX/Driver: driver_init_driver
(*) SMP86XX/Driver: driver_init_device
(*) DirectFB/Graphics: Sigma Designs S
SMPFB: [smpfb_ioctl] SMP8XXXFB_IOCTL_LAYER_ACQUIRE
MP device 0.1 (SSMPFB/Event: [smpfb_cleanable_register]
registering callback c0481140 with context (null) for PID 1426
igma Designs, InSMPFB/Event: [local_get_or_acquire_cleanable] ->
allocating PID 1426 cleanables at 0
c.)
(*) DirectFSMPFB/Event: [smpfb_cleanable_register] -> registered
```

```
at 0:0
B/Core/WM: SaWMaSMPFB: [smpfb_ioctl]
SMP8XXXFB_IOCTL_LAYER_SETPARAM
n 0.2 (directfb.SMPFB: [smpfb_setcmap] set palette
org)
(*) SaWManSMPFB: [smpfb_setcmap] surface format has no alpha;
ignore request/Config: Parsing config file
'/tango/sdk/liemphamteam/smp8675B/fpt/toolkit_directfb/build/sop/d
irectfb/install/etc/sawmanrc'.
(*) SaWMan: Initializing stack 0x510aa200 for tier 0x524c3000,
0x0, layer 0, context 0x500a1000 [6]...
(*) FBDev/Mode: Setting 1280x720 ARGB
(*) FBDev/Mode: Switched to 1280x720 (virtual 1280x720) at 32 bit
(ARGB), pitch 5120
(*) FBDev/Mode: Setting 1280x720 ARGB

SMPFB: [smpfb_check_var] check and alter fb_var_screeninfo
SMPFB: [smpfb_set_par] 1280x720 (virtual 1280x1440),
smpfb_disp_destroy_layer_surface & local_init_osd0_layer
SMPFB/DISP: [smpfb_disp_init_layer_surface] Initializing layer 0
surface
SMPFB/Event: ERROR: [smpfb_set_pending_property] Property 6033 on
module 0xc still pending, trying again...
SMPFB: [local_init_osd0_layer] layer OSD0 surface dram=0x95e30000,
size 0x384000, pic count 1
SMPFB: [smpfb_setcmap] set palette
SMPFB: [smpfb_setcmap] surface format has no alpha; ignore
request(*) FBDev/Mode:
SMPFB: [smpfb_setcmap] set palette
Switched to 1280x720 (virtual 1280x720) at 32 bit (ARGB),
pitch 5120
(*) SaWMan: Initializing
SMPFB: [smpfb_ioctl] SMP8XXXFB_IOCTL_LAYER_ACQUIRE
stack 0x510ae000
SMPFB/Event: [smpfb_cleanable_register]
registering callback c0481140 with context 00000001 for PID 1426
for tier 0x524c
SMPFB/Event: [local_get_or_acquire_cleanable] ->
PID 1426 has cleanables at 0
3800, 0x0, layer 0
SMPFB/Event: [smpfb_cleanable_register] ->
registered at 0:1
1, context 0x500a1400 [15]...
SMPFB/DISP: [local_set_scaler_master] mixer source state is now
MASTER
SMPFB: [smpfb_ioctl] SMP8XXXFB_IOCTL_LAYER_SETPARAM
SMPFB/DISP: [smpfb_disp_init_layer_surface] Initializing layer 1
surface
```

```
SMPFB/Event: [local_get_or_acquire_cleanable] -> PID 1426 has
cleanables at 0
SMPFB/Event: [smpfb_cleanable_unregister] unregistering callback
c047fc88 with context 00000001 for PID 1426
SMPFB/Event: [smpfb_cleanable_unregister] Couldn't find callback
c047fc88 with context 00000001 for PID 1426 !
(!) SMP86XX/OSD1SMPFB: [smpfb_ioctl]
SMP8XXXFB_IOCTL_LAYER_SETPARAM
: LAYER_SETPARAMSMPFB: [smpfb_ioctl] SMP8XXXFB_IOCTL_LAYER_RELEASE
(surface_desc) fSMPFB/Event: [local_get_or_acquire_cleanable] ->
PID 1426 has cleanables at 0
ailed!
--> SMPFB/Event: [smpfb_cleanable_unregister] unregistering
callback c0481140 with context 00000001 for PID 1426
Invalid argumentSMPFB/Event: [smpfb_cleanable_unregister] ->
removing at 0:1

(!!!) *** WARNING [could not activate region!] ***
[layer_context.c:316 in dfb_layer_context_activate()]
(*) SaWMan/Init: Layer 0: 1280x720, ARGB, options: 21
(*) SaWMan/Init: Border 0: 1280x720, ARGB, options: 8
(*) SaWMan/Init: Layer 1: 1280x720, ARGB, options: 0
(*) SaWMan/Init: Border 1: 1280x720, ARGB, options: 8
(*) FBDev/Mode: Setting 1280x720 ARGB
SMPFB: [smpfb_check_var] check and alter fb_var_screeninfo
SMPFB: [smpfb_set_par] 1280x720 (virtual 1280x1440),
smpfb_disp_destroy_layer_surface & local_init_osd0_layer
SMPFB/DISP: [smpfb_disp_init_layer_surface] Initializing layer 0
surface
SMPFB/Event: ERROR: [smpfb_set_pending_property] Property 6033 on
module 0xc still pending, trying again...
SMPFB: [local_init_osd0_layer] layer OSD0 surface dram=0x95e30000,
size 0x384000, pic count 1
SMPFB: [smpfb_setcmap] set palette
SMPFB: [smpfb_setcmap] surface format has no alpha; ignore
request(*) FBDev/Mode:
SMPFB: [smpfb_setcmap] set palette
Switched to 1280x720 (virtual 1280x1440) at 32 bit (ARGB),
pitch 5120
[INFO__]-[2018-1-25 14:10:52:502:502133] [719130624]
src/base/AbsModule.cpp:23 registerApp() :
REGISTER MODULE
[INFO__]-[2018-1-25 14:10:52:503:503151] [719130624]
src/base/AbsModule.cpp:23 registerApp() :
REGISTER MODULE
```

```
[INFO__]-[2018-1-25 14:10:52:504:504156] [719130624]
src/base/AbsModule.cpp:23 registerApp() :
REGISTER MODULE
[INFO__]-[2018-1-25 14:10:52:505:505195] [719130624]
src/base/AbsModule.cpp:23 registerApp() :
REGISTER MODULE
[INFO__]-[2018-1-25 14:10:52:506:506203] [719130624]
src/base/AbsModule.cpp:23 registerApp() :
REGISTER MODULE
[INFO__]-[2018-1-25 14:10:52:507:507739] [719130624]
src/base/AbsModule.cpp:23 registerApp() :
REGISTER MODULE
[INFO__]-[2018-1-25 14:10:52:508:508803] [719130624]
src/base/AbsModule.cpp:23 registerApp() :
REGISTER MODULE
[INFO__]-[2018-1-25 14:10:52:519:519383] [719130624]
src/base/AbsModule.cpp:23 registerApp() :
REGISTER MODULE
[INFO__]-[2018-1-25 14:10:52:520:520137] [719130624]
src/base/AbsModule.cpp:23 registerApp() :
REGISTER MODULE
[INFO__]-[2018-1-25 14:10:52:521:521948] [719130624]
src/base/AbsApp.cpp:592 CAbsApp() :
Constructor of App
[INFO__]-[2018-1-25 14:10:52:522:522496] [719130624]
src/base/AppManager.cpp:66 CAppManager() :
[32mConstructor of CAppManager [0m
[INFO__]-[2018-1-25 14:10:52:522:522932] [719130624]
src/config/ConfigWriterDatFile.cpp:22 ConfigWriterDatFile() :
Constructor of ConfigWriterDatFile
[INFO__]-[2018-1-25 14:10:52:523:523613] [719130624]
src/base/AppManager.cpp:198 OnInit() :
[32mONINIT [0m
[INFO__]-[2018-1-25 14:10:52:780:780169] [719130624]
src/config/ConfigWriterDatFile.cpp:66 ReadSysConfig() : Read
value of SysConfig from file /mnt/user_settings.json
[INFO__]-[2018-1-25 14:10:53:117:117209] [719130624]
src/config/ConfigWriter.cpp:383 readVersionFw() : Read
Version from Board
[INFO__]-[2018-1-25 14:10:53:176:176991] [719130624]
src/config/ConfigWriter.cpp:403 readVersionFw() : Check
status return : 3.1.5
[INFO__]-[2018-1-25 14:10:53:177:177135] [719130624]
src/config/ConfigWriter.cpp:340 parseJson() : Full MAC
: B0:46:FC:B2:D8:F0
[INFO__]-[2018-1-25 14:10:53:177:177189] [719130624]
```



```
src/config/ConfigWriter.cpp:341 parseJson() :           Short
MAC      : B046FCB2D8F0
[INFO__]-[2018-1-25 14:10:53:177:177561] [719130624]
src/config/ConfigWriter.cpp:342 parseJson() :           Version
: 3.1.5
[INFO__]-[2018-1-25 14:10:53:177:177985] [719130624]
src/player/GstPlaybackProvider.cpp:38 GetInstance() :     Get
static instance of CGstPlayProvider
[INFO__
SMPFB: [smpfb_open] Open Minor = 0
_-[2018-1-25 14:10:53:178:178083] [719130624]
smpfb_ref=2 (delta=1)
:10:53:178:178083] [719130624]
src/player/GstPlaybackProvider.cpp:28 CGstPlayProvider() :
Construct of CGstPlayProvider, creating a instance of
GStreamerPlayer

[34m GStreamerPlayer::GStreamerPlayer

[0m

[34m GStreamerPlayer::initDefaultParam [0m
[INFO__]-[2018-1-25 14:10:53:179:179102] [719130624]
src/player/SmpPlaybackProvider.cpp:53 GetInstance() :     Get
static instance of CSmpPlayProvider
[INFO__]-[2018-1-25 14:10:53:179:179178] [719130624]
src/player/SmpPlaybackProvider.cpp:33 CSmpPlayProvider() :
Constructor of CSmpPlayProvider
[INFO__]-[2018-1-25 14:10:53:179:179488] [719130624]
src/player/SmpPlaybackProvider.cpp:72 InitProvider() :
InitProvider

[31m >>>> InitThreadGST start <<<<<

[0m
[00:00.054][1426] playerlib/core/smpplayer/stream.c:71
StreamInitialize() (player) Looking for plugins in
"/tango/sop/sapi/lib/plugins/"
[00:00.060][1426] playerlib/core/smpplayer/stream.c:104
StreamInitialize() (player) Loading Plugin
/tango/sop/sapi/lib/plugins//stream_tuner.so
[00:00.174][1426] playerlib/core/smpplayer/stream.c:104
StreamInitialize() (player) Loading Plugin
/tango/sop/sapi/lib/plugins//stream_mc.so
[00:00.319][1426] playerlib/core/smpplayer/stream.c:104
StreamInitialize() (player) Loading Plugin
```

```
/tango/sop/sapi/lib/plugins//stream_http.so
[00:01.621][1426] playerlib/core/smpayer/stream.c:104
StreamInitialize() (player) Loading Plugin
/tango/sop/sapi/lib/plugins//stream_file.so
[00:01.640][1426] playerlib/core/smpayer/stream.c:104
StreamInitialize() (player) Loading Plugin
/tango/sop/sapi/lib/plugins//program_file.so
[INFO__]-[2018-1-25 14:10:54:890:890691] [719130624]
src/player/SmpPlaybackProvider.cpp:75 InitProvider() :

InitProvider end

***** SetVolumeNoMSP() calling volume ***** volume =100

***** Set SetVolumeNoMSP 00000*****

***** findVolumeIndex(_idx: 58) *****

[INFO__]-[2018-1-25 14:10:54:904:904409] [719130624]
src/base/AppManager.cpp:1107 callModule() : [1mCall
interface loadSettingConfig in module CSettingModule [0m
[INFO__]-[2018-1-25 14:10:54:906:906056] [719130624]
src/config/ConfigWriterDatFile.cpp:22 ConfigWriterDatFile() :
Constructor of ConfigWriterDatFile
[INFO__]-[2018-1-25 14:10:54:906:906582] [719130624]
src/language/LanguageManager.cpp:32 ImportLanguageFile() : Import
file language languages/setting_vi.json
[INFO__]-[2018-1-25 14:10:54:907:907108] [719130624]
src/language/LanguageManager.cpp:32 ImportLanguageFile() : Import
file language languages/setting_en.json
[INFO__]-[2018-1-25 14:10:54:907:907810] [719130624]
src/language/LanguageManager.cpp:84 UnLoadLanguage() : Unload
language if loaded
[INFO__]-[2018-1-25 14:10:54:925:925287] [719130624]
src/language/LanguageManager.cpp:70 LoadLanguage() : Load
language is successful

[34m CSigmaAPI::CSigmaAPI Hangdang

[0m
defined WITH_SMPOUTPUT !!!
defined USE_SYSTEM_SOUNDS !!!
noSMPFB: [smpfb_setcmap] set palette
```

```
t defined USE_GFSMPFB: [smpfb_setcmap] surface format has no
alpha; ignore requestX_ONLY !!!
```

```
function Initialize - line 363
```

```
function Initialize - line 389 - prepare to call
StreamInitialize()
```

```
Toai function StreamInitialize - line 49
Looking for plugins in "/tango/sop/sapi/lib/plugins/"
=====Start LoadSettingConfig()=====
```

```
***** [ToaiTran 6-10-2016] Fun = set_HDMI_Connected*****
```

```
***** [HangDang 11-1-2018] Fun =
set_PassThrough_Downmix_Audio*****
```

```
***** [HangDang 11-1-2018] Fun = *****
```

```
---> PCM ---> Downmix ----->
----- AUDIO_DIGITAL_PASSTHROUGH--end-----
```

```
***** [HangDang 11-1-2018] Fun =
set_PassThrough_Downmix_Audio*****
```

```
***** [HangDang 11-1-2018] Fun = *****
```

```
---> AAC ---> DOWNMIX ----->
----- AUDIO_DIGITAL_PASSTHROUGH--end-----
```

```
***** [HangDang 11-1-2018] Fun =
```

```
set_PassThrough_Downmix_Audio*****
```

```
***** [HangDang 11-1-2018] Fun = *****
```

```
---> WMAPRO ---> DOWNMIX ----->
```

```
----- AUDIO_DIGITAL_PASSTHROUGH--end-----
```

```
***** [HangDang 11-1-2018] Fun =
```

```
set_PassThrough_Downmix_Audio*****
```

```
***** [HangDang 11-1-2018] Fun = *****
```

```
---> DTS ---> DOWNMIX ----->
```

```
----- AUDIO_DIGITAL_PASSTHROUGH--end-----
```

```
***** [HangDang 11-1-2018] Fun =
```

```
set_PassThrough_Downmix_Audio*****
```

```
***** [HangDang 11-1-2018] Fun = *****
```

```
---> AC3 ---> DOWNMIX ----->
```

```
----- AUDIO_DIGITAL_PASSTHROUGH--end-----
```

```
=====End LoadSettingConfig()=====
```

```
Set Gpio 7 to 0
```

```
Set Gpio 8 to 1
```

```
(*) FBDev/Mode: Setting 1280x720 ARGB
```

```
(*) FBDev/Mode: Switched to 1280x720 (virtual 1280x1440) at 32 bit  
(ARGB), pitch 5120
```

```
(!!!) *** ONCE [dfb_gfxcard_batchstretchblit() should be used!]
```

```
*** [gfxcard.c:3426 in dfb_gfxcard_stretchblit()]
```

```
=====set
```

```
style=====
```

```
chua chet
```

```
chua chet
/tango/app/fpt_ilixi
-> Map size: 0
(*) Direct/Interface: Loaded 'FT2' implementation of
'IDirectFBFont'.
-> Cached key (1992620628) for (fonts/Roboto-Bold.ttf, 20)
-> Cached key (1013628654) for (fonts/Roboto-Regular.ttf, 18)
-> Cached key (1013628588) for (fonts/Roboto-Regular.ttf, 16)
-> Cached key (558542523) for (fonts/Roboto-Bold.ttf, 16)
-> Cached key (1013628456) for (fonts/Roboto-Regular.ttf, 12)
(*) Direct/Interface: Loaded 'PNG' implementation of
'IDirectFBImageProvider'.
[INFO__]-[2018-1-25 14:10:55:387:387999] [719130624]
src/language/LanguageManager.cpp:32 ImportLanguageFile() : Import
file language languages/media_vi.json
[INFO__]-[2018-1-25 14:10:55:388:388370] [719130624]
src/language/LanguageManager.cpp:32 ImportLanguageFile() : Import
file language languages/media_en.json
[INFO__]-[2018-1-25 14:10:55:388:388506] [719130624]
src/language/LanguageManager.cpp:84 UnLoadLanguage() : Unload
language if loaded
[INFO__]-[2018-1-25 14:10:55:431:431472] [719130624]
src/language/LanguageManager.cpp:70 LoadLanguage() : Load
language is successful
[INFO__]-[2018-1-25 14:10:55:450:450657] [719130624]
src/language/LanguageManager.cpp:84 UnLoadLanguage() : Unload
language if loaded
[INFO__]-[2018-1-25 14:10:55:453:453312] [719130624]
src/language/LanguageManager.cpp:84 UnLoadLanguage() : Unload
language if loaded
[INFO__]-[2018-1-25 14:10:55:459:459386] [929047760]
src/network/Network.cpp:455 checkFirstNetwork() : [INFO]-
[kiennt28] <<<< init network >>>>
[INFO__]-[2018-1-25 14:10:55:690:690843] [929047760]
src/network/Network.cpp:468 checkFirstNetwork() : [INFO]-
[kiennt28] <<<< Get Status From file /tmp/result.txt: 0 >>>>
IPAddress = 192.168.1.164 Subnet Mask = 255.255.255.0 DNS =
192.168.1.1ReadNetworkConfigs --- m_stIpConfig =
192.168.1.164.255.255.255.0.192.168.1.1.0.0.0.0.192.168.1.1
[INFO__]-[2018-1-25 14:10:56:272:272935] [719130624]
src/language/LanguageManager.cpp:84 UnLoadLanguage() : Unload
language if loaded
[INFO__]-[2018-1-25 14:10:56:443:443701] [719130624]
src/syslog/SysLog.cpp:16 CSysLog() :
src/syslog/SysLog.cpp:CSysLog():16:
[INFO__]-[2018-1-25 14:10:56:444:444528] [719130624]
```

```

src/syslog/SysLog.cpp:58 getSession() :
src/syslog/SysLog.cpp:getSession():58:
[INFO__]-[2018-1-25 14:10:56:448:448106] [719130624]
src/base/AppManager.cpp:272 OnListener() :
[32mONLISTENER [0m
[INFO__]-[2018-1-25 14:10:56:448:448345] [719130624]
src/base/AbsApp.cpp:793 OpenListenerKey() :
OpenListenerKey
[INFO__]-[2018-1-25 14:10:56:448:448977] [719130624]
src/base/AppManager.cpp:287 OnLoad() :
[32mONLOAD : session power 1 [0m
[INFO__]-[2018-1-25 14:10:56:449:449066] [719130624]
src/base/AppManager.cpp:173 lockHotKey() :
lockHotKey
[INFO__]-[2018-1-25 14:10:56:449:449194] [719130624]
src/base/AppManager.cpp:300 OnLoad() : Full MAC
: B0:46:FC:B2:D8:F0
[INFO__]-[2018-1-25 14:10:56:449:449344] [719130624]
src/base/AppManager.cpp:301 OnLoad() : Short
MAC : B046FCB2D8F0
[INFO__]-[2018-1-25 14:10:56:449:449392] [719130624]
src/base/AppManager.cpp:302 OnLoad() : Version
: 3.1.5
[INFO__]-[2018-1-25 14:10:56:449:449477] [719130624]
src/base/AppManager.cpp:1107 callModule() : [1mCall
interface showUpdateFWView in module CFirmwareApp [0m
-----CFirmwareApp::OnInit() -----
----->CFirmwareApp::OnLoad<-----
--
CFirmwareView::CFirmwareView<-----
-----
[INFO__]-[2018-1-25 14:10:56:450:450896] [719130624]
src/language/LanguageManager.cpp:32 ImportLanguageFile() : Import
file language languages/firmware_vi.json
[INFO__]-[2018-1-25 14:10:56:451:451014] [719130624]
src/language/LanguageManager.cpp:32 ImportLanguageFile() : Import
file language languages/firmware_en.json
[INFO__]-[2018-1-25 14:10:56:451:451182] [719130624]
src/language/LanguageManager.cpp:84 UnLoadLanguage() : Unload
language if loaded
[INFO__]-[2018-1-25 14:10:56:453:453315] [719130624]
src/language/LanguageManager.cpp:70 LoadLanguage() : Load
language is successful

CFirmwareModel:https://fbox-api.fpt.vn/fboxapi/config/nextversion/

```



```
welcomedata.json don't exist...

checkNTPToBox-----

getCurrentDateTime-----

Current-----2018-01-25
SetCacheHost-----
---0
st_of_day=====:1516864557

save exit: is_checkpointed 1

[getData] -----:
https://fbox-api.fpt.vn/fboxapi/customers/configbox/v1/B046FCB2D8F0/0/0/0/0/0/vi?&st=3IcAUwys7KmNhqm7394-Hw&expires=1516864557
VersionServer-----:107
VersionBox-----:107
st_of_day=====:1516864558

[getData] -----:
https://fbox-api.fpt.vn/fboxapi/customers/login/v1/B046FCB2D8F0/0/0/0/0/0/vi?&st=BIE5nKLLLU3ZgW30S2QLSQ&expires=1516864558
[31mType object is nullvalue => return "" [0m
Customer_Signin result=====99
[INFO__]-[2018-1-25 14:10:59:59:59656] [719130624]
src/base/AppManager.cpp:1276 postDataEvent() : [32m
UpdateEvent: type = 11, name = NAME_EVENT_ERROR_BY_MESSAGE,
source = , target = , numberEvent = 1 [0m
[INFO__]-[2018-1-25 14:10:59:59:59973] [719130624]
src/base/AppManager.cpp:1280 postDataEvent() : -----
-> null

[LoginView] LoadData() Complete-----
[INFO__]-[2018-1-25 14:10:59:61:61040] [719130624]
src/base/AppManager.cpp:1308 loginBoxAndBootTest() : [32m
Wait for Login Box and callback to load first app [0m

----- smpoutd brief configuration -----
HDMI: enabled[ ] connected[ ] hdcp[ ] vmode[N/A]
CAV: enabled[X] vmode[NTSC_M]
CVBS: enabled[X] vmode[NTSC_M]
```




Tài liệu này được tải từ website: <http://linhkienthaomay.com>. Zalo hỗ trợ: 0389937723

```

language if loaded
                total          used          free          shared
buffers
  Mem:         287640         111916         175724          0
0
  Swap:          0           0           0
Total:         287640         111916         175724
=====CSettingModule::OnDeInit()=====
==Done=====

[INFO__]-[2018-1-25 14:11:30:618:618364] [719130624]
src/base/AppManager.cpp:648 StartAppByAppID() :
[32mStartAppByAppID=20    [0m

  checkNTPToBox-----

  getCurrentDateTime-----

Current-----2018-01-25
SetCacheHost-----
---1
st_of_day=====:1516864590

  [getData] -----:
https://fbox-api.fpt.vn/fboxapi/customers/configbox/v1/B046FCB2D8F0/0/0/0/0/0/vi?&st=mUfZVnL5qe14UW8H7cm6Tg&expires=1516864590
VersionServer-----:107
VersionBox-----:107
st_of_day=====:1516864591

  [getData] -----:
https://fbox-api.fpt.vn/fboxapi/customers/login/v1/B046FCB2D8F0/0/0/0/0/0/vi?&st=3Vc3rG2-cSaM5eg7MYtzUQ&expires=1516864591
  [31mType object is nullvalue => return "" [0m
Customer_Signin result=====99
[INFO__]-[2018-1-25 14:11:31:786:786354] [719130624]
src/base/AppManager.cpp:1276 postDataEvent() :                      [32m
UpdateEvent: type = 11, name = NAME_EVENT_ERROR_BY_MESSAGE,
source = , target = , numberEvent = 3 [0m
[INFO__]-[2018-1-25 14:11:31:786:786672] [719130624]
src/base/AppManager.cpp:1280 postDataEvent() :                      -----
-> null

[LoginView] LoadData() Complete-----
[INFO__]-[2018-1-25 14:11:31:828:828403] [719130624]
src/base/AppManager.cpp:1107 callModule() :                      [1mCall

```


[illegible]



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P/s: về việc hack box này thì mình cũng đã làm OK nhưng các bước quá phức tạp, version cũ <2.x.x thì vài dòng lệnh nhưng với version >3.x.x thì do FPT thay đổi Kernel nên việc hack nó phức tạp hơn vì cần cả công cụ cho phép nạp Flash. Hiện mình chỉ biết vậy. Do là Box có chứa nhiều thông tin nhạy cảm của FPT nên mình không viết bài về hack box.

1. [\[Phần 0\] Khám phá FPT Box HD](#)
2. [\[Phần 3\] Box FPT chạy gì khi khởi động?](#)
3. [Android TV box các hãng - bị hư ROM](#)
4. [Fix hiển thị sai thông tin của Fake NAS](#)
5. [FPT F400 - khởi động lên màn hình Xanh-đỏ - ..thay đổi liên tục](#)
6. [FPT ELEAD - bật nguồn không có đèn báo và có tiếng rít nhẹ.](#)
7. [FPT ELEAD, FW450W - Đèn vàng sáng nhưng để 3 phút thì tắt, đèn xanh không sáng, quạt không káj nào chạy cả, ram van tot.](#)
8. [FPT ELEAD, model: G706F - B+ tăng cao](#)
9. [màn hình vi tính crt FPT - cháy sò thay vào lên màn hình trắng có chữ 31k](#)
10. [monitor fpt 1772ed - hu ic lm2437t co the thay bang ic lm2439t, hoac lm2469t duoc ko?](#)
11. [monitor lcd fpt - không lên màn hình](#)
12. [Unbrick Android Box FPT A312/A301](#)