

1.adb 连接设备

1. adb devices 会列出连接的设备
2. adb shell 进入终端

2.停止原程序

1. 修改 vi /etc/profile.d/bloziplayer.sh

3.手动连接 WiFi

1. wpa_supplicant -iwlan0 -Dnl80211 -c /etc/wpa_supplicant.conf & udhcpc -iwlan0 &
2. ifconfig -a 查看 wlan0 获取的 ip

4.自动连接 WIFI

1. /etc/wpa_supplicant_src.conf 添加 network={ ssid="xxx" psk="xxx" }
2. /etc/init.d/rc.final 最后边修改为如下 #fbviewer etc/img/update.jpg

```
#echo "-- wifi connect --" wifi_connect2 #echo "-- bloziplayer init --" #blozi_player_init #echo "--  
upgrade app --"  
#blozi_upgrade_app
```

5.NTP 网络对时

1. vim /etc/ntp.conf 添加 server cn.ntp.org.cn iburst
2. /etc/ntpd start
3. 添加/etc/init.d/ntpd start #自动启动网络对时

6.雪花屏测试

1. cat /dev/urandom > /dev/fb0
2. cat /dev/zero > /dev/fb0 #清屏幕

7.推送自己的 APP

1. adb push ./dws /mnt/app
2. 输出./dws: 1 file pushed, 0 skipped. 5.1 MB/s (3238044 bytes in 0.610s)

8.开机启动自己的应用

1. vim /etc/init.d/rc.final
2. 添加/etc/init.d/ntpd start #启动网络对时
3. /mnt/app/dws & #启动应用
4. 最简单的办法是改成和原来名字一样 直接替换

9. 参数设置

1. 浏览器打开http://192.168.x.x
2. 输入用户名密码 admin admin

10. 待确认的问题

1. 如何修改屏幕背光?
2. 如何修系统时区?

系统启动 log dmesg

```
[ 3.848821] hub 1-0:1.0: USB hub found
[ 3.853155] hub 1-0:1.0: 1 port detected
[ 3.858015] wrn: hcd is not enable, need not stop hcd
[ 3.864485] sunxi*keyboard_startup: keyboard has no clk.
[ 3.870991] input: sunxi-keyboard as /devices/virtual/input/input0
[ 3.879034] rtc-pcf8563 0-0051: chip found, driver version 0.4.3
[ 3.886017] twi_start()387 - [i2c0] START can't sendout!
[ 3.892159] twi_start()387 - [i2c0] START can't sendout!
[ 3.898327] twi_start()387 - [i2c0] START can't sendout!
[ 3.904372] rtc-pcf8563 0-0051: pcf8563_get_datetime: read error
[ 3.911609] rtc-pcf8563 0-0051: rtc core: registered rtc-pcf8563 as rtc0
[ 3.919267] sunxi cedar version 0.1
[ 3.923650] VE: install start!!!
[ 3.923650]
[ 3.929067] cedar_ve: cedar-ve the get irq is 103
[ 3.935007] VE: install end!!!
[ 3.935007]
[ 3.941504] sunxi-wdt 1c20ca0.watchdog: Watchdog enabled (timeout=16 sec,
nowayout=1)
[ 3.951804] sunxi-mmc sdc0: SD/MMC/SDIO Host Controller Driver(v0.91 2018-
5-29 14:19) Compiled in Feb 25 2021 at 05:49:58
[ 3.964440] sunxi-mmc sdc0: Can't get vmmc regulator string
[ 3.970643] sunxi-mmc sdc0: Can't get vqmmc regulator string
[ 3.977018] sunxi-mmc sdc0: Can't get vdmmc regulator string
[ 3.983372] sunxi-mmc sdc0: Failed getting OCR mask: 0
[ 3.990384] sunxi-mmc sdc0: *\*\*_set host ocr*\*\*
[ 3.995873] sunxi-mmc sdc0: sdc set ios: clk 0Hz bm PP pm UP vdd 21 width 1
timing LEGACY(SDR12) dt B
[ 4.023121] sunxi-mmc sdc0: sdc set ios: clk 400000Hz bm PP pm ON vdd 21
width 1 timing LEGACY(SDR12) dt B
[ 4.053273] sunxi-mmc sdc0: base:0xf1c0f000 irq:108
[ 4.058730] sunxi-mmc sdc0: smc 0 p0 err, cmd 52, RTO !!
[ 4.065618] sunxi-mmc sdc0: smc 0 p0 err, cmd 52, RTO !!
[ 4.071729] sunxi-mmc sdc0: sdc set ios: clk 400000Hz bm PP pm ON vdd 21
width 1 timing LEGACY(SDR12) dt B
[ 4.082991] usbcore: registered new interface driver usbhid
[ 4.089274] usbhid: USB HID core driver
[ 4.096237] sunxi-mmc sdc0: sdc set ios: clk 400000Hz bm PP pm ON vdd 21
width 1 timing LEGACY(SDR12) dt B
[ 4.110016] failed to get gpio-spk and gpio_num
[ 4.117365] sunxi-internal-codec 1c23c00.codec: ASoC: DAPM unknown pin
HPOUTR
[ 4.125429] sunxi-internal-codec 1c23c00.codec: ASoC: DAPM unknown pin
HPOUTL
[ 4.133429] sunxi-internal-codec 1c23c00.codec: ASoC: DAPM unknown pin SPKL
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[ 4.141158] sunxi-internal-codec 1c23c00.codec: ASoC: DAPM unknown pin SPKR
[ 4.148931] sunxi-codec-machine sound.2: ASoC: DAPM unknown pin External
Speaker
[ 4.159221] sunxi-mmc sdc0: smc 0 p0 err, cmd 8, RTO !!
[ 4.168745] sunxi-mmc sdc0: smc 0 p0 err, cmd 5, RTO !!
[ 4.177766] sunxi-codec-machine sound.2: sun3iw1codec <-> 1c23c00.cpubai0-
controller mapping ok
[ 4.187750] sunxi-codec-machine sound.2: ASoC: no sink widget found for
MainMic Bias
[ 4.196439] sunxi-mmc sdc0: smc 0 p0 err, cmd 5, RTO !!
[ 4.202285] sunxi-codec-machine sound.2: ASoC: Failed to add route External
MainMic -> direct -> MainMic Bias
[ 4.213340] sunxi-codec-machine sound.2: ASoC: no source widget found for
MainMic Bias
[ 4.222148] sunxi-codec-machine sound.2: ASoC: Failed to add route MainMic
Bias -> direct -> MIC1P
[ 4.232127] sunxi-codec-machine sound.2: ASoC: no source widget found for
MainMic Bias
[ 4.240951] sunxi-codec-machine sound.2: ASoC: Failed to add route MainMic
Bias -> direct -> MIC1N
[ 4.251806] sunxi-mmc sdc0: smc 0 p0 err, cmd 5, RTO !!
[ 4.259521] ipip: IPv4 over IPv4 tunneling driver
[ 4.266078] gre: GRE over IPv4 demultiplexor driver
[ 4.271510] ip_gre: GRE over IPv4 tunneling driver
[ 4.279150] TCP: cubic registered
[ 4.282849] Initializing XFRM netlink socket
[ 4.287760] NET: Registered protocol family 17
[ 4.292776] NET: Registered protocol family 15
[ 4.298310] VFP support v0.3: not present
[ 4.303746] sunxi-mmc sdc0: smc 0 p0 err, cmd 5, RTO !!
[ 4.310087] [LCD]lcd_module_init
[ 4.313821] sunxi-mmc sdc0: smc 0 p0 err, cmd 55, RTO !!
[ 4.320911] sunxi-mmc sdc0: smc 0 p0 err, cmd 55, RTO !!
[ 4.328089] sunxi-mmc sdc0: smc 0 p0 err, cmd 55, RTO !!
[ 4.335226] sunxi-mmc sdc0: smc 0 p0 err, cmd 55, RTO !!
[ 4.341235] sunxi-mmc sdc0: sdc set ios: clk 4000000Hz bm OD pm ON vdd 21
width 1 timing LEGACY(SDR12) dt B
[ 4.352824] enhance_en=1
[ 4.355793] matrixresult:(0x0, 0x3c4, 0x0, 0x0)
[ 4.360903] ERROR,DE_BE_Layer_Set_Screen_Win:175 w,h=[0,0]
[ 4.367082] ERROR,DE_BE_Layer_Set_Screen_Win:175 w,h=[0,0]
[ 4.373238] ERROR,DE_BE_Layer_Set_Screen_Win:175 w,h=[0,0]
[ 4.379393] pll_freq=297000000HZ, lcd_dclk_freq=62000000HZ, clk_div=4
[ 4.386621] clk_div=4
[ 4.389182]
[ 4.389182] insmod_device_driver
[ 4.389182]
[ 4.397802] [LCD]open, step 0 finish
[ 4.402128] device_chose finished 77!
[ 4.406335] sunxi-mmc sdc0: smc 0 p0 err, cmd 1, RTO !!
[ 4.412230] sunxi-mmc sdc0: sdc set ios: clk 0Hz bm OD pm OFF vdd 0 width 1
timing LEGACY(SDR12) dt B
[ 4.433090] [LCD]open, step 1 finish
[ 4.493085] [LCD]open, step 2 finish
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[ 4.613185] [LCD]open, step 3 finish
[ 4.623574] [LCD]lcd_module_init finish
[ 4.628461] usb_serial_number:20080411
[ 4.633390] file system registered
[ 4.640125] android_usb gadget: Mass Storage Function, version: 2009/09/11
[ 4.647967] android_usb gadget: Number of LUNs=3
[ 4.653164] lun0: LUN: removable file: (no medium)
[ 4.658601] lun1: LUN: removable file: (no medium)
[ 4.664060] lun2: LUN: removable file: (no medium)
[ 4.670386] android_usb gadget: android_usb ready
[ 4.675984] twi_start()387 - [i2c0] START can't sendout!
[ 4.682107] twi_start()387 - [i2c0] START can't sendout!
[ 4.688327] twi_start()387 - [i2c0] START can't sendout!
[ 4.694394] rtc-pcf8563 0-0051: pcf8563_get_datetime: read error
[ 4.701070] rtc-pcf8563 0-0051: hctosys: unable to read the hardware clock
[ 4.708977] ALSA device list:
[ 4.712333] #0: audiocodec
[ 4.724502] VFS: Mounted root (squashfs filesystem) readonly on device
93:48.
[ 4.737673] devtmpfs: mounted
[ 4.742755] Freeing unused kernel memory: 112K (c042a000 - c0446000)
[ 5.947728] EXT4-fs (nande): mounted filesystem with ordered data mode.
Opts: (null)
[ 6.491597] EXT4-fs (nandi): mounted filesystem with ordered data mode.
Opts: (null)
[ 7.293707] sunxi-wlan wlan: bus_index: 0
[ 7.313205] ===== XRADIO WIFI OPEN =====
[ 7.318187] [XRADIO] Driver Label:XR_V02.15.40 Jun 5 2021 08:58:58
[ 7.336447] [XRADIO] Allocated hw_priv @ c1916fa0
[ 7.342073] product_sn to macaddr:e4:c5:d7:87:a2:1d
[ 7.463226] [XRADIO] Detect SDIO card 0
[ 7.478621] sunxi-mmc sdc0: sdc set ios: clk 0Hz bm PP pm UP vdd 21 width 1
timing LEGACY(SDR12) dt B
[ 7.503178] sunxi-mmc sdc0: sdc set ios: clk 400000Hz bm PP pm ON vdd 21
width 1 timing LEGACY(SDR12) dt B
[ 7.533885] sunxi-mmc sdc0: sdc set ios: clk 400000Hz bm PP pm ON vdd 21
width 1 timing LEGACY(SDR12) dt B
[ 7.548322] sunxi-mmc sdc0: sdc set ios: clk 400000Hz bm PP pm ON vdd 21
width 1 timing LEGACY(SDR12) dt B
[ 7.561909] sunxi-mmc sdc0: sdc set ios: clk 400000Hz bm PP pm ON vdd 16
width 1 timing LEGACY(SDR12) dt B
[ 7.583802] sunxi-mmc sdc0: sdc set ios: clk 400000Hz bm PP pm ON vdd 16
width 1 timing SD-HS(SDR25) dt B
[ 7.595536] sunxi-mmc sdc0: sdc set ios: clk 5000000Hz bm PP pm ON vdd 16
width 1 timing SD-HS(SDR25) dt B
[ 7.607752] sunxi-mmc sdc0: sdc set ios: clk 50000000Hz bm PP pm ON vdd 16
width 4 timing SD-HS(SDR25) dt B
[ 7.620886] mmc0: new high speed SDIO card at address 0001
[ 7.642064] [SBUS] XRadio Device:sdio clk=50000000
[ 7.673653] [XRADIO] XRADIO_HW_REV 1.0 detected.
[ 7.841307] [XRADIO] Bootloader complete
[ 7.942353] [XRADIO] Firmware completed.
[ 7.963197] [WSM] Firmware Label:XR_C01.08.52.11 Jan 24 2017 10:15:58
[ 7.970531] [XRADIO] Firmware Startup Done.
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[ 8.024105] ieee80211 phy0: Selected rate control algorithm 'minstrel_ht'
[ 8.325341] android_usb: already disabled
[ 8.403453] adb_open
[ 8.406717] adb_bind_config
[ 8.412523] [STA] !!!xradio_vif_setup: id=0, type=2, p2p=0
[ 10.168083] android_work: sent uevent USB_STATE=CONNECTED
[ 10.293971] android_usb gadget: high-speed config #1: android
[ 10.302059] android_work: sent uevent USB_STATE=CONFIGURED
[ 35.846355] [NE]gc_one ok!
[ 98.147575] [STA_WRN] Freq 2437 (wsm ch: 6) prev: 3.
[ 98.154857] wlan0: authenticate with cc:81:da:17:06:a8 (try 1)
[ 98.259764] wlan0: authenticated
[ 98.266833] wlan0: associate with cc:81:da:17:06:a8 (try 1)
[ 98.289477] wlan0: RX AssocResp from cc:81:da:17:06:a8 (capab=0x431
status=0 aid=4)
[ 98.298144] wlan0: associated
[ 98.312828] [AP_WRN] [STA] ASSOC HTCAP 11N 58
[ 98.604783] [TXRX_WRN] drop=1440, fctl=0x00d0.
[ 103.131559] [TXRX_WRN] drop=1440, fctl=0x00d0.
[ 103.145647] wlan0: deauthenticating from cc:81:da:17:06:a8 by local
choice (reason=3)
[ 103.156812] [WSM_WRN] Issue unjoin command(TX).
[ 103.200917] cfg80211: Calling CRDA for country: US
[ 125.137510] wlan0: authenticate with cc:81:da:17:06:a8 (try 1)
[ 125.173896] wlan0: authenticated
[ 125.180930] wlan0: associate with cc:81:da:17:06:a8 (try 1)
[ 125.191145] wlan0: RX AssocResp from cc:81:da:17:06:a8 (capab=0x431
status=0 aid=4)
[ 125.199815] wlan0: associated
[ 125.213008] [AP_WRN] [STA] ASSOC HTCAP 11N 58
[ 125.404714] [TXRX_WRN] drop=1440, fctl=0x00d0.
[ 3070.979683] adb_release
[ 3070.992858] adb_open
[ 3070.995329] adb_bind_config
[ 3071.003808] android_work: sent uevent USB_STATE=DISCONNECTED
[ 3071.019435] android_work: did not send uevent (0 0 (null))
[ 3072.312584] android_work: sent uevent USB_STATE=CONNECTED
[ 3072.437762] android_usb gadget: high-speed config #1: android
[ 3072.445959] android_work: sent uevent USB_STATE=CONFIGURED
[ 3073.229723] adb_release
[ 3073.233991] adb_open
[ 3073.236462] adb_bind_config
[ 3073.243558] android_work: sent uevent USB_STATE=DISCONNECTED
[ 3073.261404] android_work: did not send uevent (0 0 (null))
[ 3073.873971] android_work: sent uevent USB_STATE=CONNECTED
[ 3073.998708] android_usb gadget: high-speed config #1: android
[ 3074.006906] android_work: sent uevent USB_STATE=CONFIGURED
[ 3075.079194] [BH_WRN] miss interrupt!
[ 4451.236775] [NE]gc_one ok!
[ 4451.510115] [NE]gc_one ok!
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