PROGRESS: 100%

/

>>> Recovering device certificates

[ 159.245469] EXT4-fs (loop0): couldn't mount as ext3 due to feature incompatibilities

[ 159.312945] EXT4-fs (loop0): couldn't mount as ext2 due to feature incompatibilities

[ 159.378858] EXT4-fs (loop0): mounted filesystem without journal. Opts: (null)

>>> Mount /dev, /proc and /sys to rootfs

>>> Running post-install scripts

>>> > Processing /dev/shm/rootfs/usr/lib/wb-image-update/postinst/10update-u-boot

/dev/shm/tmp.TBzvv9: line 204: /dev/shm/rootfs/usr/lib/wb-image-update/postinst/10update-u-boot: cannot execute binary file: Exec format error

>>> Unmounting /dev, /proc and /sys from rootfs

>>> Switching to new rootfs

>>> Done!

>>> Unmounting new rootfs

>>> Reboot system

[ 161.346497] ci\_hdrc ci\_hdrc.1: remove, state 4

[ 161.350991] usb usb2: USB disconnect, device number 1

[ 161.356319] usb 2-1: USB disconnect, device number 2

[ 161.363326] ci\_hdrc ci\_hdrc.1: USB bus 2 deregistered

[ 161.368707] ci\_hdrc ci\_hdrc.0: remove, state 1

[ 161.373351] usb usb1: USB disconnect, device number 1

[ 161.378419] usb 1-1: USB disconnect, device number 2

[ 161.533869] ci\_hdrc ci\_hdrc.0: USB bus 1 deregistered

[ 161.562928] reboot: Restarting system

U-Boot 2017.03-g5fcb63e1c5 (Jul 17 2018 - 16:48:05 +0000)

CPU: Freescale i.MX6ULL rev1.1 792 MHz (running at 396 MHz)

CPU: Industrial temperature grade (-40C to 105C) at 49C

Reset cause: WDOG

Model: Wiren Board rev. 6.1 (i.MX6UL)

Board: Wiren Board MX6UL

DRAM: 512 MiB

MMC: FSL\_SDHC: 0

Using default environment

In: serial

Out: serial

Err: serial

EEPROM #0 MAC: 54:10:ec:ef:87:79

EEPROM #1 MAC: 54:10:ec:ef:77:4d

Net: eth0: ethernet@02188000

Hit any key to stop autoboot: 0

Checking if there is a USB storage with update file wb6\_update.fit

dev: 5v\_out @ regulator@2

starting USB...

USB0: USB EHCI 1.00

USB1: USB EHCI 1.00

scanning bus 0 for devices... 2 USB Device(s) found

scanning bus 1 for devices... EHCI timed out on TD - token=0x80008c80

unable to get device descriptor (error=-1)

1 USB Device(s) found

scanning usb for storage devices... 1 Storage Device(s) found

Device 0: Vendor: General Rev: 1.0 Prod: USB Flash Disk

Type: Removable Hard Disk

Capacity: 3823.0 MB = 3.7 GB (7829504 x 512)

reading wb6\_update.fit

\*\* Unable to read file wb6\_update.fit \*\*

reading wb6\_update\_FACTORYRESET.fit

1 bytes read in 19 ms (0 Bytes/s)

##############################

# Detected USB flash drive with update file

# Filename: wb6\_update\_FACTORYRESET.fit

# Press a FW key if you want to update firmware from this file

# or wait 3 seconds to boot normally.

##############################

No USB update detected, continuing boot

switch to partitions #0, OK

mmc0(part 0) is current device

SD/MMC found on device 0

322 bytes read in 64 ms (4.9 KiB/s)

Importing environment from 0x82000000...

Checking if uenvcmd is set ...

Running default loadzimage ...

5899184 bytes read in 2466 ms (2.3 MiB/s)

46257 bytes read in 155 ms (291 KiB/s)

MMC read: dev # 0, block # 2016, count 32 ... 32 blocks read: OK

Reading overlays list from eMMC

670 bytes read in 108 ms (5.9 KiB/s)

Applying DT overlay wb6-gsm-sim800

225 bytes read in 179 ms (1000 Bytes/s)

Applying DT overlay wb6-nowifi

229 bytes read in 202 ms (1000 Bytes/s)

Applying DT overlay wb6-nobluetooth

libfdt fdt\_check\_header(): FDT\_ERR\_BADMAGIC

Failed to apply overlay wb6-nobluetooth

Some overlays are not applied, booting in failsafe

46257 bytes read in 156 ms (289.1 KiB/s)

Booting from mmc ...

Kernel image @ 0x82000000 [ 0x000000 - 0x5a03b0 ]

## Flattened Device Tree blob at 83000000

Booting using the fdt blob at 0x83000000

Loading Device Tree to 9ef34000, end 9ef56fff ... OK

Starting kernel ...

U-Boot 2017.03-g5fcb63e1c5 (Jul 17 2018 - 16:48:05 +0000)

CPU: Freescale i.MX6ULL rev1.1 792 MHz (running at 396 MHz)

CPU: Industrial temperature grade (-40C to 105C) at 43C

Reset cause: POR

Model: Wiren Board rev. 6.1 (i.MX6UL)

Board: Wiren Board MX6UL

DRAM: 512 MiB

MMC: FSL\_SDHC: 0

Using default environment

In: serial

Out: serial

Err: serial

EEPROM #0 MAC: 54:10:ec:ef:87:79

EEPROM #1 MAC: 54:10:ec:ef:77:4d

Net: eth0: ethernet@02188000

Hit any key to stop autoboot: 0

=> reboot

Unknown command '▒reboot' - try 'help'

=>

U-Boot 2017.03-g5fcb63e1c5 (Jul 17 2018 - 16:48:05 +0000)

CPU: Freescale i.MX6ULL rev1.1 792 MHz (running at 396 MHz)

CPU: Industrial temperature grade (-40C to 105C) at 43C

Reset cause: POR

Model: Wiren Board rev. 6.1 (i.MX6UL)

Board: Wiren Board MX6UL

DRAM: 512 MiB

MMC: FSL\_SDHC: 0

Using default environment

In: serial

Out: serial

Err: serial

EEPROM #0 MAC: 54:10:ec:ef:87:79

EEPROM #1 MAC: 54:10:ec:ef:77:4d

Net: eth0: ethernet@02188000

Hit any key to stop autoboot: 0

Checking if there is a USB storage with update file wb6\_update.fit

dev: 5v\_out @ regulator@2

starting USB...

USB0: USB EHCI 1.00

USB1: USB EHCI 1.00

scanning bus 0 for devices... 2 USB Device(s) found

scanning bus 1 for devices... EHCI timed out on TD - token=0x80008c80

unable to get device descriptor (error=-1)

1 USB Device(s) found

scanning usb for storage devices... 1 Storage Device(s) found

Device 0: Vendor: General Rev: 1.0 Prod: USB Flash Disk

Type: Removable Hard Disk

Capacity: 3823.0 MB = 3.7 GB (7829504 x 512)

reading wb6\_update.fit

\*\* Unable to read file wb6\_update.fit \*\*

reading wb6\_update\_FACTORYRESET.fit

1 bytes read in 19 ms (0 Bytes/s)

##############################

# Detected USB flash drive with update file

# Filename: wb6\_update\_FACTORYRESET.fit

# Press a FW key if you want to update firmware from this file

# or wait 3 seconds to boot normally.

##############################

USB update procedure start

Checking if ubootenv part is present

## Loading FIT header to 0x82000000 ...

reading wb6\_update\_FACTORYRESET.fit

## Loading FIT strings to 0x82000028 ...

reading wb6\_update\_FACTORYRESET.fit

## Loading FIT struct to 0x82000100 ...

reading wb6\_update\_FACTORYRESET.fit

FAT: Misaligned buffer address (820010c8)

Skip 7928976 bytes of data

reading wb6\_update\_FACTORYRESET.fit

FAT: Misaligned buffer address (8200042c)

Skip 46505 bytes of data

reading wb6\_update\_FACTORYRESET.fit

FAT: Misaligned buffer address (82000e74)

Skip 7066 bytes of data

Skip 205249668 bytes of data

reading wb6\_update\_FACTORYRESET.fit

FAT: Misaligned buffer address (8200063c)

\*\* wb6\_update\_FACTORYRESET.fit shorter than offset + len \*\*

Can't find subimage 'ubootenv'

Extracting kernel

## Loading FIT header to 0x82000000 ...

reading wb6\_update\_FACTORYRESET.fit

## Loading FIT strings to 0x82000028 ...

reading wb6\_update\_FACTORYRESET.fit

## Loading FIT struct to 0x82000100 ...

reading wb6\_update\_FACTORYRESET.fit

FAT: Misaligned buffer address (820010c8)

reading wb6\_update\_FACTORYRESET.fit

7945616 bytes read in 1223 ms (6.2 MiB/s)

Description: Update kernel

Type: Kernel Image

Compression: uncompressed

Data Start: 0x82000300

Data Size: 7928976 Bytes = 7.6 MiB

Architecture: ARM

OS: Linux

Load Address: unavailable

Entry Point: unavailable

Hash algo: sha1

Hash value: 47f6419e0d5d8326c41b16761827dc3d746fec78

## Verifying ... sha1+

Loading part 0 ... OK

Extracting DTB

## Loading FIT header to 0x83000000 ...

reading wb6\_update\_FACTORYRESET.fit

## Loading FIT strings to 0x83000028 ...

reading wb6\_update\_FACTORYRESET.fit

## Loading FIT struct to 0x83000100 ...

reading wb6\_update\_FACTORYRESET.fit

FAT: Misaligned buffer address (830010c8)

Skip 7928976 bytes of data

reading wb6\_update\_FACTORYRESET.fit

FAT: Misaligned buffer address (8300042c)

reading wb6\_update\_FACTORYRESET.fit

63589 bytes read in 741 ms (83 KiB/s)

Description: Update DTB

Type: Flat Device Tree

Compression: uncompressed

Data Start: 0x83000440

Data Size: 46505 Bytes = 45.4 KiB

Architecture: ARM

Hash algo: sha1

Hash value: ef9dd3fe2b348fb8eb9f150b9dc2e27d6899e823

## Verifying ... sha1+

Loading part 0 ... OK

Kernel image @ 0x82000000 [ 0x000000 - 0x78fc90 ]

## Flattened Device Tree blob at 83000000

Booting using the fdt blob at 0x83000000

Loading Device Tree to 9ef49000, end 9ef575a8 ... OK

Starting kernel ...

[ 0.000000] Booting Linux on physical CPU 0x0

[ 0.000000] Linux version 4.9.22-wb6\_initramfs (root@WB-buildserver) (gcc version 5.4.0 20160609 (Ubuntu/Linaro 5.4.0-6ubuntu1~16.04.9) ) #2 SMP Tue Feb 1 16:52:01 MSK 2022

[ 0.000000] CPU: ARMv7 Processor [410fc075] revision 5 (ARMv7), cr=10c5387d

[ 0.000000] CPU: div instructions available: patching division code

[ 0.000000] CPU: PIPT / VIPT nonaliasing data cache, VIPT aliasing instruction cache

[ 0.000000] OF: fdt:Machine model: Wiren Board init (i.MX6UL/ULL)

[ 0.000000] Memory policy: Data cache writealloc

[ 0.000000] percpu: Embedded 14 pages/cpu @cfbd0000 s25932 r8192 d23220 u57344

[ 0.000000] Built 1 zonelists in Zone order, mobility grouping on. Total pages: 130048

[ 0.000000] Kernel command line: console=ttymxc0,115200 bootmode=usbupdate,wb6\_update\_FACTORYRESET.fit

[ 0.000000] PID hash table entries: 2048 (order: 1, 8192 bytes)

[ 0.000000] Dentry cache hash table entries: 65536 (order: 6, 262144 bytes)

[ 0.000000] Inode-cache hash table entries: 32768 (order: 5, 131072 bytes)

[ 0.000000] Memory: 506760K/524288K available (5120K kernel code, 202K rwdata, 1576K rodata, 5120K init, 295K bss, 17528K reserved, 0K cma-reserved)

[ 0.000000] Virtual kernel memory layout:

[ 0.000000] vector : 0xffff0000 - 0xffff1000 ( 4 kB)

[ 0.000000] fixmap : 0xffc00000 - 0xfff00000 (3072 kB)

[ 0.000000] vmalloc : 0xd0800000 - 0xff800000 ( 752 MB)

[ 0.000000] lowmem : 0xb0000000 - 0xd0000000 ( 512 MB)

[ 0.000000] modules : 0xaf000000 - 0xb0000000 ( 16 MB)

[ 0.000000] .text : 0xb0008000 - 0xb0600000 (6112 kB)

[ 0.000000] .init : 0xb0800000 - 0xb0d00000 (5120 kB)

[ 0.000000] .data : 0xb0d00000 - 0xb0d32880 ( 203 kB)

[ 0.000000] .bss : 0xb0d34000 - 0xb0d7ddb0 ( 296 kB)

[ 0.000000] SLUB: HWalign=64, Order=0-3, MinObjects=0, CPUs=1, Nodes=1

[ 0.000000] Hierarchical RCU implementation.

[ 0.000000] Build-time adjustment of leaf fanout to 32.

[ 0.000000] RCU restricting CPUs from NR\_CPUS=4 to nr\_cpu\_ids=1.

[ 0.000000] RCU: Adjusting geometry for rcu\_fanout\_leaf=32, nr\_cpu\_ids=1

[ 0.000000] NR\_IRQS:16 nr\_irqs:16 16

[ 0.000000] Switching to timer-based delay loop, resolution 41ns

[ 0.000016] sched\_clock: 32 bits at 24MHz, resolution 41ns, wraps every 89478484971ns

[ 0.000053] clocksource: mxc\_timer1: mask: 0xffffffff max\_cycles: 0xffffffff, max\_idle\_ns: 79635851949 ns

[ 0.002613] Console: colour dummy device 80x30

[ 0.002657] Calibrating delay loop (skipped), value calculated using timer frequency.. 48.00 BogoMIPS (lpj=240000)

[ 0.002691] pid\_max: default: 32768 minimum: 301

[ 0.002880] Mount-cache hash table entries: 1024 (order: 0, 4096 bytes)

[ 0.002906] Mountpoint-cache hash table entries: 1024 (order: 0, 4096 bytes)

[ 0.004105] CPU: Testing write buffer coherency: ok

[ 0.004597] /cpus/cpu@0 missing clock-frequency property

[ 0.004637] CPU0: thread -1, cpu 0, socket 0, mpidr 80000000

[ 0.004695] Setting up static identity map for 0x80100000 - 0x80100070

[ 0.007087] Brought up 1 CPUs

[ 0.007123] SMP: Total of 1 processors activated (48.00 BogoMIPS).

[ 0.007139] CPU: All CPU(s) started in SVC mode.

[ 0.008360] devtmpfs: initialized

[ 0.034464] VFP support v0.3: implementor 41 architecture 2 part 30 variant 7 rev 5

[ 0.035154] clocksource: jiffies: mask: 0xffffffff max\_cycles: 0xffffffff, max\_idle\_ns: 19112604462750000 ns

[ 0.035205] futex hash table entries: 256 (order: 2, 16384 bytes)

[ 0.035382] pinctrl core: initialized pinctrl subsystem

[ 0.037448] NET: Registered protocol family 16

[ 0.037968] DMA: preallocated 256 KiB pool for atomic coherent allocations

[ 0.040670] cpuidle: using governor menu

[ 0.076062] hw-breakpoint: found 5 (+1 reserved) breakpoint and 4 watchpoint registers.

[ 0.076095] hw-breakpoint: maximum watchpoint size is 8 bytes.

[ 0.078325] imx6ul-pinctrl 20e0000.iomuxc: initialized IMX pinctrl driver

[ 0.118677] mxs-dma 1804000.dma-apbh: initialized

[ 0.123177] SCSI subsystem initialized

[ 0.123772] usbcore: registered new interface driver usbfs

[ 0.123939] usbcore: registered new interface driver hub

[ 0.124184] usbcore: registered new device driver usb

[ 0.125778] i2c-gpio i2c\_rtc: using pins 48 (SDA) and 49 (SCL)

[ 0.126657] i2c-gpio i2c\_eeprom1: using pins 76 (SDA) and 67 (SCL)

[ 0.127496] i2c-gpio i2c\_eeprom2: using pins 70 (SDA) and 71 (SCL)

[ 0.128994] i2c i2c-1: IMX I2C adapter registered

[ 0.129038] i2c i2c-1: can't use DMA, using PIO instead.

[ 0.129453] pps\_core: LinuxPPS API ver. 1 registered

[ 0.129477] pps\_core: Software ver. 5.3.6 - Copyright 2005-2007 Rodolfo Giometti <giometti@linux.it>

[ 0.129535] PTP clock support registered

[ 0.131923] clocksource: Switched to clocksource mxc\_timer1

[ 0.155759] NET: Registered protocol family 2

[ 0.156965] TCP established hash table entries: 4096 (order: 2, 16384 bytes)

[ 0.157090] TCP bind hash table entries: 4096 (order: 3, 32768 bytes)

[ 0.157248] TCP: Hash tables configured (established 4096 bind 4096)

[ 0.157364] UDP hash table entries: 256 (order: 1, 8192 bytes)

[ 0.157420] UDP-Lite hash table entries: 256 (order: 1, 8192 bytes)

[ 0.157727] NET: Registered protocol family 1

[ 0.158551] RPC: Registered named UNIX socket transport module.

[ 0.158584] RPC: Registered udp transport module.

[ 0.158599] RPC: Registered tcp transport module.

[ 0.158615] RPC: Registered tcp NFSv4.1 backchannel transport module.

[ 0.727261] workingset: timestamp\_bits=30 max\_order=17 bucket\_order=0

[ 0.742519] squashfs: version 4.0 (2009/01/31) Phillip Lougher

[ 0.744514] ntfs: driver 2.1.32 [Flags: R/W].

[ 0.755002] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 249)

[ 0.755039] io scheduler noop registered (default)

[ 0.760209] imx-sdma 20ec000.sdma: Direct firmware load for imx/sdma/sdma-imx6q.bin failed with error -2

[ 0.760250] imx-sdma 20ec000.sdma: external firmware not found, using ROM firmware

[ 0.769413] 2020000.serial: ttymxc0 at MMIO 0x2020000 (irq = 18, base\_baud = 5000000) is a IMX

[ 1.323585] console [ttymxc0] enabled

[ 1.329082] 21e8000.serial: ttymxc1 at MMIO 0x21e8000 (irq = 55, base\_baud = 5000000) is a IMX

[ 1.339356] 21fc000.serial: ttymxc5 at MMIO 0x21fc000 (irq = 56, base\_baud = 5000000) is a IMX

[ 1.382183] imx\_rngc 2284000.rngb: Freescale RNGC registered.

[ 1.417004] brd: module loaded

[ 1.436024] loop: module loaded

[ 1.444257] at24 5-0050: 256 byte 24c02 EEPROM, writable, 1 bytes/write

[ 1.455665] at24 6-0050: 256 byte 24c02 EEPROM, writable, 1 bytes/write

[ 1.463196] libphy: Fixed MDIO Bus: probed

[ 1.469659] 20b4000.ethernet supply phy not found, using dummy regulator

[ 1.477673] pps pps0: new PPS source ptp0

[ 1.510631] libphy: fec\_enet\_mii\_bus: probed

[ 1.516879] fec 20b4000.ethernet eth0: registered PHC device 0

[ 1.642009] 2188000.ethernet supply phy not found, using dummy regulator

[ 1.762947] pps pps1: new PPS source ptp1

[ 1.768041] libphy: fec\_enet\_mii\_bus: probed

[ 1.775948] fec 2188000.ethernet eth1: registered PHC device 1

[ 1.782517] ehci\_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver

[ 1.789086] ehci-mxc: Freescale On-Chip EHCI Host driver

[ 1.794939] usbcore: registered new interface driver cdc\_acm

[ 1.800634] cdc\_acm: USB Abstract Control Model driver for USB modems and ISDN adapters

[ 1.809118] usbcore: registered new interface driver usb-storage

[ 1.872341] rtc-pcf8563 4-0051: rtc core: registered rtc-pcf8563 as rtc0

[ 1.888452] snvs\_rtc 20cc000.snvs:snvs-rtc-lp: rtc core: registered 20cc000.snvs:snvs-r as rtc1

[ 1.897583] i2c /dev entries driver

[ 1.905813] imx2-wdt 20bc000.wdog: timeout 60 sec (nowayout=0)

[ 1.913324] imx6ul-pinctrl 20e0000.iomuxc: pin MX6UL\_PAD\_SD1\_DATA1 already requested by watchdog; cannot claim for watchdog\_6x

[ 1.924873] imx6ul-pinctrl 20e0000.iomuxc: pin-114 (watchdog\_6x) status -22

[ 1.931875] imx6ul-pinctrl 20e0000.iomuxc: could not request pin 114 (MX6UL\_PAD\_SD1\_DATA1) from group wdggrp\_6x on device 20e0000.iomuxc

[ 1.944300] gpio-wdt watchdog\_6x: Error applying setting, reverse things back

[ 1.951492] gpio-wdt: probe of watchdog\_6x failed with error -22

[ 1.959276] sdhci: Secure Digital Host Controller Interface driver

[ 1.965600] sdhci: Copyright(c) Pierre Ossman

[ 1.969986] sdhci-pltfm: SDHCI platform and OF driver helper

[ 2.041993] mmc0: SDHCI controller on 2194000.usdhc [2194000.usdhc] using ADMA

[ 2.061546] ledtrig-cpu: registered to indicate activity on CPUs

[ 2.073637] random: fast init done

[ 2.089601] usbcore: registered new interface driver usbhid

[ 2.097371] usbhid: USB HID core driver

[ 2.111646] NET: Registered protocol family 17

[ 2.122635] Registering SWP/SWPB emulation handler

[ 2.129692] registered taskstats version 1

[ 2.146636] imx\_thermal 2000000.aips-bus:tempmon: Industrial CPU temperature grade - max:105C critical:100C passive:95C

[ 2.169816] rtc-pcf8563 4-0051: setting system clock to 2023-05-17 06:31:38 UTC (1684305098)

[ 2.178305] of\_cfs\_init

[ 2.180953] of\_cfs\_init: OK

[ 2.189828] vdd3p0: disabling

[ 2.195005] vref-3v3: disabling

[ 2.200254] usb1\_vbus: disabling

[ 2.212225] Freeing unused kernel memory: 5120K (b0800000 - b0d00000)

[ 2.227957] mmc0: new DDR MMC card at address 0001

[ 2.248009] mmcblk0: mmc0:0001 W62704 3.53 GiB

[ 2.262340] mmcblk0boot0: mmc0:0001 W62704 partition 1 2.00 MiB

mount: mounting none on /dev/pts [ 2.272246] mmcblk0boot1: mmc0:0001 W62704 partition 2 2.00 MiB

failed: No such file or directory

[ 2.292493] mmcblk0rpmb: mmc0:0001 W62704 partition 3 512 KiB

[ 2.303018] mmcblk0: p1 p2 p3 p4 < p5 p6 >

Boot mode: usbupdate,wb6\_update\_FACTORYRESET.fit

Board is WB6, loading ci\_hdrc\_imx module

[ 2.542854] ci\_hdrc ci\_hdrc.0: EHCI Host Controller

[ 2.547799] ci\_hdrc ci\_hdrc.0: new USB bus registered, assigned bus number 1

[ 2.581999] ci\_hdrc ci\_hdrc.0: USB 2.0 started, EHCI 1.00

[ 2.587670] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002

[ 2.594526] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[ 2.601757] usb usb1: Product: EHCI Host Controller

[ 2.606689] usb usb1: Manufacturer: Linux 4.9.22-wb6\_initramfs ehci\_hcd

[ 2.613351] usb usb1: SerialNumber: ci\_hdrc.0

[ 2.619201] hub 1-0:1.0: USB hub found

[ 2.623198] hub 1-0:1.0: 1 port detected

[ 2.628682] 2184200.usb supply vbus not found, using dummy regulator

[ 2.639360] ci\_hdrc ci\_hdrc.1: EHCI Host Controller

[ 2.644450] ci\_hdrc ci\_hdrc.1: new USB bus registered, assigned bus number 2

[ 2.672011] ci\_hdrc ci\_hdrc.1: USB 2.0 started, EHCI 1.00

[ 2.677788] usb usb2: New USB device found, idVendor=1d6b, idProduct=0002

[ 2.684663] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[ 2.691949] usb usb2: Product: EHCI Host Controller

[ 2.696844] usb usb2: Manufacturer: Linux 4.9.22-wb6\_initramfs ehci\_hcd

[ 2.703534] usb usb2: SerialNumber: ci\_hdrc.1

[ 2.709299] hub 2-0:1.0: USB hub found

[ 2.713300] hub 2-0:1.0: 1 port detected

[ 3.072090] usb 2-1: new high-speed USB device number 2 using ci\_hdrc

[ 3.232099] usb 1-1: new high-speed USB device number 2 using ci\_hdrc

[ 3.262948] usb 2-1: New USB device found, idVendor=0424, idProduct=2514

[ 3.269768] usb 2-1: New USB device strings: Mfr=0, Product=0, SerialNumber=0

[ 3.280083] hub 2-1:1.0: USB hub found

[ 3.284337] hub 2-1:1.0: 4 ports detected

[ 3.423147] usb 1-1: New USB device found, idVendor=8644, idProduct=800b

[ 3.429924] usb 1-1: New USB device strings: Mfr=1, Product=2, SerialNumber=3

[ 3.437204] usb 1-1: Product: USB Flash Disk

[ 3.442937] usb 1-1: Manufacturer: General

[ 3.449075] usb 1-1: SerialNumber: 0000000000000F9D

[ 3.456110] usb-storage 1-1:1.0: USB Mass Storage device detected

[ 3.463125] scsi host0: usb-storage 1-1:1.0

Load modules for USB to work

Starting USB update

Waiting for USB to settle (0/10)

[ 4.484317] scsi 0:0:0:0: Direct-Access General USB Flash Disk 1.0 PQ: 0 ANSI: 2

[ 4.496796] sd 0:0:0:0: [sda] 7829504 512-byte logical blocks: (4.01 GB/3.73 GiB)

[ 4.508486] sd 0:0:0:0: [sda] Write Protect is off

[ 4.514350] sd 0:0:0:0: [sda] No Caching mode page found

[ 4.519701] sd 0:0:0:0: [sda] Assuming drive cache: write through

[ 4.532670] sda: sda1

[ 4.539603] sd 0:0:0:0: [sda] Attached SCSI removable disk

umount: can't umount /usb: Invalid argument

Looking for wb6\_update\_FACTORYRESET.fit on /dev/sda

umount: can't umount /usb: Invalid argument

mount: mounting /dev/sda on /usb failed: Invalid argument

Looking for wb6\_update\_FACTORYRESET.fit on /dev/sda1

umount: can't umount /usb: Invalid argument

[ 5.118796] FAT-fs (sda1): Volume was not properly unmounted. Some data may be corrupt. Please run fsck.

BusyBox v1.22.1 (Debian 1:1.22.0-19+deb9u2) built-in shell (ash)

Enter 'help' for a list of built-in commands.

~ # ##############################################################################

FACTORY RESET REQUESTED

This WILL destroy ALL YOUR DATA: configuration, scripts,

files in home directory!

If you are ABSOLUTELY SURE that you want to reset Wiren Board

to factory condition, hold the FW button for 4 seconds.

If you will not do it in 10 seconds, the controller will reboot

without firmware update.

If you want to perform a regular firmware update, rename

FIT file to "wbX\_update.fit" without "factory-reset" suffix.

##############################################################################

oo....

Factory reset is confirmed!

===============================================================================

Wed May 17 06:31:49 UTC 2023: started update from /usb/wb6\_update\_FACTORYRESET.fit

===============================================================================

Description: WirenBoard firmware update

Compatible device: contactless,imx6ul-wirenboard61

Firmware version: 202305101331

Firmware compatible: unknown

Release name: wb-2304

Release suite: stable

Release target: wb6/bullseye

Release repo prefix:

Time of creation: Wed May 10 13:33:51 UTC 2023

===============================================================================

>>> Checking SHA1 hash of install

PROGRESS: 0%

>>> SHA1 hash of install ok

>>> Wiping data partition (factory reset)

mke2fs 1.43.4 (31-Jan-2017)

ext2fs\_check\_if\_mount: Can't check if filesystem is mounted due to missing mtab file while determining whether /dev/mmcblk0p6 is mounted.

Discarding device blocks: done

Creating filesystem with 331008 4k blocks and 82896 inodes

Filesystem UUID: 39cd1111-2fe1-4835-a107-37340291480a

Superblock backups stored on blocks:

32768, 98304, 163840, 229376, 294912

Allocating group tables: done

Writing inode tables: done

Creating journal (8192 blocks): done

Writing superblocks and filesystem accounting information: done

>>> Extracting install script

>>> Running install script

[ 21.482440] random: crng init done

>>> Checking SHA1 hash of rootfs

PROGRESS: 100%

>>> SHA1 hash of rootfs ok

>>> Installing firmware update

>>> Getting mmcpart from U-Boot environment

>>> Will install to /dev/mmcblk0p3

>>> Check if partition table is correct

>>> Temporarily mount actual rootfs /dev/mmcblk0p2 to check os-release

[ 61.464329] EXT4-fs (mmcblk0p2): recovery complete

[ 61.470027] EXT4-fs (mmcblk0p2): mounted filesystem with ordered data mode. Opts: (null)

[ 61.601373] EXT4-fs (mmcblk0p3): mounted filesystem with ordered data mode. Opts: (null)

>>> Mounting /dev/mmcblk0p3 at /dev/shm/rootfs

[ 61.645852] EXT4-fs (mmcblk0p3): mounted filesystem with ordered data mode. Opts: (null)

>>> Debian: stretch -> bullseye

>>> Cleaning up /dev/mmcblk0p3

>>> Cleaning up using rsync

>>> Extracting files to new rootfs

/dev/shm/rootfs /

PROGRESS: 100%

/

>>> Recovering device certificates

[ 157.486054] EXT4-fs (loop0): couldn't mount as ext3 due to feature incompatibilities

[ 157.553118] EXT4-fs (loop0): couldn't mount as ext2 due to feature incompatibilities

[ 157.618432] EXT4-fs (loop0): mounted filesystem without journal. Opts: (null)

>>> Mount /dev, /proc and /sys to rootfs

>>> Running post-install scripts

>>> > Processing /dev/shm/rootfs/usr/lib/wb-image-update/postinst/10update-u-boot

/dev/shm/tmp.cHHZco: line 204: /dev/shm/rootfs/usr/lib/wb-image-update/postinst/10update-u-boot: cannot execute binary file: Exec format error

>>> Unmounting /dev, /proc and /sys from rootfs

>>> Switching to new rootfs

>>> Done!

>>> Unmounting new rootfs

>>> Reboot system

[ 159.928650] ci\_hdrc ci\_hdrc.1: remove, state 4

[ 159.933406] usb usb2: USB disconnect, device number 1

[ 159.938474] usb 2-1: USB disconnect, device number 2

[ 159.945445] ci\_hdrc ci\_hdrc.1: USB bus 2 deregistered

[ 159.950832] ci\_hdrc ci\_hdrc.0: remove, state 1

[ 159.955482] usb usb1: USB disconnect, device number 1

[ 159.960548] usb 1-1: USB disconnect, device number 2

[ 160.113988] ci\_hdrc ci\_hdrc.0: USB bus 1 deregistered

[ 160.142228] reboot: Restarting system

U-Boot 2017.03-g5fcb63e1c5 (Jul 17 2018 - 16:48:05 +0000)

CPU: Freescale i.MX6ULL rev1.1 792 MHz (running at 396 MHz)

CPU: Industrial temperature grade (-40C to 105C) at 53C

Reset cause: WDOG

Model: Wiren Board rev. 6.1 (i.MX6UL)

Board: Wiren Board MX6UL

DRAM: 512 MiB

MMC: FSL\_SDHC: 0

Using default environment

In: serial

Out: serial

Err: serial

EEPROM #0 MAC: 54:10:ec:ef:87:79

EEPROM #1 MAC: 54:10:ec:ef:77:4d

Net: eth0: ethernet@02188000

Hit any key to stop autoboot: 0

Checking if there is a USB storage with update file wb6\_update.fit

dev: 5v\_out @ regulator@2

starting USB...

USB0: USB EHCI 1.00

USB1: USB EHCI 1.00

scanning bus 0 for devices... 2 USB Device(s) found

scanning bus 1 for devices... EHCI timed out on TD - token=0x80008c80

unable to get device descriptor (error=-1)

1 USB Device(s) found

scanning usb for storage devices... 1 Storage Device(s) found

Device 0: Vendor: General Rev: 1.0 Prod: USB Flash Disk

Type: Removable Hard Disk

Capacity: 3823.0 MB = 3.7 GB (7829504 x 512)

reading wb6\_update.fit

\*\* Unable to read file wb6\_update.fit \*\*

reading wb6\_update\_FACTORYRESET.fit

1 bytes read in 19 ms (0 Bytes/s)

##############################

# Detected USB flash drive with update file

# Filename: wb6\_update\_FACTORYRESET.fit

# Press a FW key if you want to update firmware from this file

# or wait 3 seconds to boot normally.

##############################

No USB update detected, continuing boot

switch to partitions #0, OK

mmc0(part 0) is current device

SD/MMC found on device 0

322 bytes read in 64 ms (4.9 KiB/s)

Importing environment from 0x82000000...

Checking if uenvcmd is set ...

Running default loadzimage ...

5899184 bytes read in 2470 ms (2.3 MiB/s)

46257 bytes read in 157 ms (287.1 KiB/s)

MMC read: dev # 0, block # 2016, count 32 ... 32 blocks read: OK

Reading overlays list from eMMC

670 bytes read in 108 ms (5.9 KiB/s)

Applying DT overlay wb6-gsm-sim800

225 bytes read in 179 ms (1000 Bytes/s)

Applying DT overlay wb6-nowifi

229 bytes read in 202 ms (1000 Bytes/s)

Applying DT overlay wb6-nobluetooth

libfdt fdt\_check\_header(): FDT\_ERR\_BADMAGIC

Failed to apply overlay wb6-nobluetooth

Some overlays are not applied, booting in failsafe

46257 bytes read in 155 ms (291 KiB/s)

Booting from mmc ...

Kernel image @ 0x82000000 [ 0x000000 - 0x5a03b0 ]

## Flattened Device Tree blob at 83000000

Booting using the fdt blob at 0x83000000

Loading Device Tree to 9ef34000, end 9ef56fff ... OK

Starting kernel ...