

## LaFonela

FON 端末です。今更感もありますが、  
1000 円と安く売られているようなので、買ってみた。  
で、とりあえず、梱包を開け、ケースも開ける。  
星型ねじがゴムブッシュの裏に隠れているので回せばいい。  
# 通信機器ってこんなに簡単に開けられていいんだっけ？  
で、シリアルでアクセスするために、  
FT232RL(USB-TTL レベルなシリアル変換) と適当にハンダ付け。  
いくつかのページで紹介されていた 8pin のピンヘッダではなくて  
# 例えばこことか。  
4pin のヘッダだった。ちなみにピン配置は、下図のとおり。  
FT232RL は、FreeBSD でも使える。  
FreeBSD 7.0-PRERELEASE だと、

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kldload uftdi
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で、/dev/cuaU0 とかに見え、minicom でアクセスできて幸せ ... と  
思ったらなんか入力が効いていない気がする。

ちなみに、uname は、

```
Linux OpenWrt 2.4.32 #8 lun ene 8 12:33:21 UTC 2007 mips unknown
```

で、dmesg は、

```
CPU revision is: 00019064
Primary instruction cache 16kB, physically tagged, 4-way, linesize 16 bytes.
Primary data cache 16kB, 4-way, linesize 16 bytes.
Linux version 2.4.32 (iurgi@ropero) (gcc version 3.4.6 (OpenWrt-2.0)) #8 lun ene 8 12:33:21 UTC 2007
Determined physical RAM map:
 memory: 01000000 @ 00000000 (usable)
On node 0 totalpages: 4096
zone(0): 4096 pages.
zone(1): 0 pages.
zone(2): 0 pages.
Kernel command line: console=ttyS0,9600 rootfstype=squashfs,jffs2
Using 92.000 MHz high precision timer.
Calibrating delay loop... 183.50 BogoMIPS
Memory: 14188k/16384k available (1327k kernel code, 2196k reserved, 92k data, 68k init, 0k highmem)
Dentry cache hash table entries: 2048 (order: 2, 16384 bytes)
Inode cache hash table entries: 1024 (order: 1, 8192 bytes)
Mount cache hash table entries: 512 (order: 0, 4096 bytes)
Buffer cache hash table entries: 1024 (order: 0, 4096 bytes)
Page-cache hash table entries: 4096 (order: 2, 16384 bytes)
Checking for 'wait' instruction... available.
POSIX conformance testing by UNIFIX
Linux NET4.0 for Linux 2.4
Based upon Swansea University Computer Society NET3.039
Initializing RT netlink socket
Starting kswapd
devfs: v1.12c (20020818) Richard Gooch (rgooch@atnf.csiro.au)
devfs: boot_options: 0x1
JFFS2 version 2.1. (C) 2001 Red Hat, Inc., designed by Axis Communications AB.
squashfs: version 3.0 (2006/03/15) Phillip Lougher
pty: 256 Unix98 ptys configured
Serial driver version 5.05c (2001-07-08) with no serial options enabled
ttyS0 at 0xb1100003 (irq = 37) is a 16550A
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eth0: Dropping NETIF_F_SG since no checksum feature.
eth0: Atheros AR2313: 00:18:84:83:44:40, irq 4
MTD driver for SPI flash.
spiflash: Probing for Serial flash ...
spiflash: Found SPI serial Flash.
8388608: size
Creating 8 MTD partitions on "spiflash":
0x00000000-0x00030000 : "RedBoot"
0x00030000-0x00720000 : "rootfs"
0x001b0000-0x00720000 : "rootfs1"
0x00720000-0x00730000 : "config"
0x00730000-0x007e0000 : "vmlinux.bin.l7"
0x007e0000-0x007ef000 : "FIS directory"
mtd: partition "FIS directory" doesn't end on an erase block -- force read-only
0x007ef000-0x007f0000 : "RedBoot config"
mtd: partition "RedBoot config" doesn't start on an erase block boundary -- force read-only
0x007f0000-0x00800000 : "board_config"
Initializing Cryptographic API
NET4: Linux TCP/IP 1.0 for NET4.0
IP Protocols: ICMP, UDP, TCP, IGMP
IP: routing cache hash table of 512 buckets, 4Kbytes
TCP: Hash tables configured (established 1024 bind 2048)
ip_contrack version 2.1 (5953 buckets, 5953 max) - 328 bytes per contrack
ip_tables: (C) 2000-2002 Netfilter core team
NET4: Unix domain sockets 1.0/SMP for Linux NET4.0.
NET4: Ethernet Bridge 008 for NET4.0
802.1Q VLAN Support v1.8 Ben Greear <greearb@candelatech.com>
All bugs added by David S. Miller <davem@redhat.com>
VFS: Mounted root (squashfs filesystem) readonly.
Mounted devfs on /dev
Freeing unused kernel memory: 68k freed
Algorithmics/MIPS FPU Emulator v1.5
Registering mini_fo version $Id$
mini_fo: using base directory: /
mini_fo: using storage directory: /jffs
jffs2.bbc: SIZE compression mode activated.
wlan: 0.8.4.2 (0.9.0)
ath_hal: 0.9.17.1 (AR5212, AR5312, RF5112, RF2316, RF2317, TX_DESC_SWAP)
wlan: mac acl policy registered
ath_rate_sample: 1.2 (0.9.0)
ath_ahb: 0.9.4.5 (0.9.0)
ath_pci: switching rkill capability off
wifi0: 11b rates: 1Mbps 2Mbps 5.5Mbps 11Mbps
wifi0: 11g rates: 1Mbps 2Mbps 5.5Mbps 11Mbps 6Mbps 9Mbps 12Mbps 18Mbps 24Mbps 36Mbps 48Mbps 54Mbps
wifi0: H/W encryption support: WEP AES AES_CCM TKIP
wifi0: mac 11.0 phy 4.8 radio 7.0
wifi0: Use hw queue 1 for WME_AC_BE traffic
wifi0: Use hw queue 0 for WME_AC_BK traffic
wifi0: Use hw queue 2 for WME_AC_VI traffic
wifi0: Use hw queue 3 for WME_AC_VO traffic
wifi0: Use hw queue 8 for CAB traffic
wifi0: Use hw queue 9 for beacons
wifi0: Atheros 2315 WiSoC: mem=0xb0000000, irq=3
Universal TUN/TAP device driver 1.5 (C)1999-2002 Maxim Krasnyansky
device eth0 entered promiscuous mode

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