???? NextRadio

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????????????????????? OSS (Open Sound System) ? kernel ? Debian 5.0(Lenny)? rootf?

? Kernel/rootfs

- ?????????DHCP Server?????????? telent ????
  - ? $ cd /mnt/usb
  - ? $ rm -rf * (?????????????/dev/sda3 ? mount ?/mnt/usb?)
  - ? $ wget http://www.openfoundry.org/of/download_path/nextpbx/nextradio-vmlinux/vmlinux.ub.oss1.cpu
  - ? $ wget http://www.openfoundry.org/of/download_path/nextpbx/nextradio-rootfs/lenny.sh4.tar.bz2
  - ? $ bunzip2 -dc lenny.sh4.tar.bz2 | tar xvf -
  - ? $ sync; sync; sync (????? usb storage ???????????????????????? sync ??????????????usb storage)
- ?rootfs?????MAC
  - ? $ vi etc/network/interfaces
  - ? ????"hwaddress ether 00:01:04:1b:2C:1F"??????????? MAC
- ? kernel
  - ? $ cp vmlinux.ub.oss1.cpu /vmlinux.ub (??, ???? /dev/sda2 mount ? / ?)
  - ? $ sync; sync; sync
- ??????????????? ssh root/root ????

?? NextRadio

- ?? USB ???
- ???, ?? ssh ? root/root ??
- $ apt-get install python psmisc lirc wget
- $ cd /root
- $ mkdir NextRadio
- $ cd NextRadio
- $ wget https://raw.github.com/sp0500/NextRadio/master/lircd_V1.conf
- $ wget https://raw.github.com/sp0500/NextRadio/master/radio.pls

- $ wget https://raw.github.com/sp0500/NextRadio/master/a.py
- $ wget https://github.com/sp0500/NextRadio/raw/master/mplayer-sh4
- $ wget https://raw.github.com/sp0500/NextRadio/master/mplayer.conf
- $ cp mplayer-sh4 /usr/bin/mplayer
- $ cp mplayer.conf /etc/mplayer/
- $ cp lircd_V1.conf /etc/lirc/lircd.conf
- $ sync
- $ /etc/init.d/lirc restart
- $ python a.py?
- ?????????, radio.txt ????????????
- ?????????"/usr/bin/python /root/NextRadio/a.py &" ?????? /etc/rc.local ?????????
- ??

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- ??/sys/devices/system/cpu/cpu0/cpufreq/scaling_governor
- $ echo "conservative" > /sys/devices/system/cpu/cpu0/cpufreq/scaling_governor
- ??????? cat /sys/devices/system/cpu/cpu0/cpufreq/scaling_cur_freq ????????CPU ??????????? 112500KHz (???450000KHz)
- ???????????, ??????? echo "conservative" > /sys/devices/system/cpu/cpu0/cpufreq/ scaling_governor ?? /etc/rc.local??????????
- ???? [????????](????????)

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- $ apt-get install locales
- $ vi /etc/locale.gen ?? zh_TW BIG5?zh_TW.UTF-8 UTF-8?en_US.UTF-8 UTF-8 ???? "#"
- $ locale-gen

SKY FM(http://www.sky.fm/)

- ???Sky FM ???????????? mplayer?????? mplayer ???? AAC
- ???? (??????????? mplayer???????)
    - ? $ cd /root/NextRadio
    - ? $ wget https://github.com/sp0500/NextRadio/raw/master/mplayer-sh4
    - ? $ wget https://raw.github.com/sp0500/NextRadio/master/mplayer.conf
    - ? $ cp mplayer-sh4 /usr/bin/mplayer
    - ? $ cp mplayer.conf /etc/mplayer/
    - ? $ sync