

router - Podrška #11623

sc_wl_hdd_1, ide disk, dodatni paketi trebaju ici na hdd

28.09.2006 11:13 - Ernad Husremović

Status:	Zatvoreno	Početak:	
Prioritet:	Normalan	Završetak:	
Odgovorna osoba:	Ernad Husremović	% završeno:	0%
Kategorija:		Procjena vremena:	0.00 sat
Ciljna verzija:			
Opis			
sc_wl_hdd_1, ide disk, dodatni paketi trebaju ici na hdd			
ref. trac ticket: http://trac.sigma-com.net/sa-ScInfrastructure/ticket/535			

Historija

#1 - 28.09.2006 11:13 - Ernad Husremović

```
root@sc_wl_hdd_1:~# ipkg install kmod*ide*
Installing kmod-ide (2.4.30-brcm-3) to root...
Configuring kmod-ide
Successfully terminated.
```

#2 - 28.09.2006 11:15 - Ernad Husremović

podrška ext3 file sistemu

```
Installing kmod-ext3 (2.4.30-brcm-3) to root...
Configuring kmod-ext3
Successfully terminated.
```

#3 - 28.09.2006 11:18 - Ernad Husremović

```
root@sc_wl_hdd_1:~# insmod ide-core
Using /lib/modules/2.4.30/ide-core.o
root@sc_wl_hdd_1:~# insmod ide-detect
Using /lib/modules/2.4.30/ide-detect.o
root@sc_wl_hdd_1:~# insmod ide-disk
Using /lib/modules/2.4.30/ide-disk.o
root@sc_wl_hdd_1:~# insmod wl
Using /lib/modules/2.4.30/wl.o
Warning: loading wl will taint the kernel: no license
  See http://www.tux.org/lkml/#export-tainted for information about tainted modules
insmod: A module named wl already exists
root@sc_wl_hdd_1:~# insmod jbd
Using /lib/modules/2.4.30/jbd.o
root@sc_wl_hdd_1:~# insmod ext3
Using /lib/modules/2.4.30/ext3.o
```

#4 - 28.09.2006 11:24 - Ernad Husremović

<http://wiki.openwrt.org/PackagesOnExternalMediaHowTo>

#5 - 28.09.2006 11:29 - Ernad Husremović

root disk je opet pun ko šipak moram nešto brisati

```
root@sc_wl_hdd_1:~# ipkg remove iptables-mod-contrack
Removing package iptables-mod-contrack from root...
Successfully terminated.
root@sc_wl_hdd_1:~# ipkg remove libncurses
Removing package libncurses from root...
Successfully terminated.
```

dobro sada može nekako ...

Filesystem	Size	Used	Available	Use%	Mounted on
/dev/root	1.0M	1.0M	0	100%	/rom
/dev/mtdblock/4	2.2M	1.8M	368.0k	84%	/
none	7.0M	40.0k	7.0M	1%	/tmp

#6 - 28.09.2006 11:31 - Ernad Husremović

ovo je stanje /etc/ipkg.conf

```
src whiterussian http://downloads.openwrt.org/whiterussian/packages
src non-free http://downloads.openwrt.org/whiterussian/packages/non-free
dest root /
dest ram /tmp
```

#7 - 28.09.2006 11:35 - Ernad Husremović

gore nisam ovaj modul učitao

```
root@sc_wl_hdd_1:~# insmod pdc202xx_old
```

nakon toga dmesg

```
Journalled Block Device driver loaded
PDC20265: IDE controller at PCI slot 01:01.0
PCI: Enabling device 01:01.0 (0004 -> 0007)
PDC20265: chipset revision 2
PDC20265: not 100% native mode: will probe irqs later
PDC20265: ROM enabled at 0x000d0000
PDC20265: (U)DMA Burst Bit DISABLED Primary PCI Mode Secondary PCI Mode.
PDC20265: FORCING BURST BIT 0x00->0x01 ACTIVE
   ide0: BM-DMA at 0x0140-0x0147, BIOS settings: hda:prio, hdb:prio
   ide1: BM-DMA at 0x0148-0x014f, BIOS settings: hdc:prio, hdd:prio
```

#8 - 28.09.2006 11:45 - Ernad Husremović

```
root@sc_wl_hdd_1:~# ls -l /etc/modules
lrwxrwxrwx  1 root  root  16 Jan  1  2000 /etc/modules -> /rom/etc/modules
```

izbrisao pa kreirao novi koji sadrži:

```
root@sc_wl_hdd_1:~# cat /etc/modules
```

```
wl
ide-core
pdc202xx_old
ide-detect
ide-disk
wl
jbd
ext3
```

#9 - 28.09.2006 11:47 - Ernad Husremović

našao ga je super

```
root@sc_wl_hdd_1:~# dmesg | grep hda
   ide0: BM-DMA at 0x0140-0x0147, BIOS settings: hda:prio, hdb:prio
hda: FUJITSU MHT2040AH, ATA DISK drive
hda: attached ide-disk driver.
hda: host protected area => 1
hda: 78140160 sectors (40008 MB) w/8192KiB Cache, CHS=77520/16/63, UDMA(100)
root@sc_wl_hdd_1:~#
```

#10 - 28.09.2006 11:48 - Ernad Husremović

```
root@sc_wl_hdd_1:~# cat /proc/partitions
```

```
major minor #blocks name
```

```
3 0 39070080 ide/host0/bus0/target0/lun0/disc
3 1 248976 ide/host0/bus0/target0/lun0/part1
3 2 1 ide/host0/bus0/target0/lun0/part2
3 5 38821041 ide/host0/bus0/target0/lun0/part5
root@sc_wl_hdd_1:~#
```

#11 - 28.09.2006 11:54 - Ernad Husremović

particionirao disk

```
root@sc_wl_hdd_1:~# scp hernad@192.168.45.149:~/Desktop/openwrt/*fdisk* .
Password:
fdisk_2.12r-1_mipsel.ipk 100% 39KB 38.9KB/s 00:00
```

```
root@sc_wl_hdd_1:~# ipkg install -d ram fdisk*ipk
Installing fdisk (2.12r-1) to ram...
Configuring fdisk
Successfully terminated.
root@sc_wl_hdd_1:~# ls /tmp/usr/sbin/fdisk
/tmp/usr/sbin/fdisk
```

```
root@sc_wl_hdd_1:~# /tmp/usr/sbin/fdisk /dev/ide/host0/bus0/target0/lun0/disc
```

The number of cylinders for this disk is set to 4864.
There is nothing wrong with that, but this is larger than 1024,
and could in certain setups cause problems with:

- 1) software that runs at boot time (e.g., old versions of LILO)
- 2) booting and partitioning software from other OSs
(e.g., DOS FDISK, OS/2 FDISK)

Command (m for help): p

```
Disk /dev/ide/host0/bus0/target0/lun0/disc: 40.0 GB, 40007761920 bytes
255 heads, 63 sectors/track, 4864 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
```

	Device	Boot	Start	End	Blocks	Id	System
	/dev/ide/host0/bus0/target0/lun0/part1	*	1	31	248976	83	Linux
	/dev/ide/host0/bus0/target0/lun0/part2		32	4864	38821072+	5	Extended
	/dev/ide/host0/bus0/target0/lun0/part5		32	4864	38821041	8e	Linux LVM

Command (m for help): d
Partition number (1-5): 5

Command (m for help): d
Partition number (1-5): 2

Command (m for help): d
Selected partition 1

Command (m for help): n
Command action
e extended
p primary partition (1-4)

p
Partition number (1-4): 1
First cylinder (1-4864, default 1):
Using default value 1
Last cylinder or +size or +sizeM or +sizeK (1-4864, default 4864):
Using default value 4864

Command (m for help): p

```
Disk /dev/ide/host0/bus0/target0/lun0/disc: 40.0 GB, 40007761920 bytes
255 heads, 63 sectors/track, 4864 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
```

	Device	Boot	Start	End	Blocks	Id	System
	/dev/ide/host0/bus0/target0/lun0/part1		1	4864	39070048+	83	Linux

Command (m for help): w
The partition table has been altered!

Calling ioctl() to re-read partition table.

```
Syncing disks.
root@sc_wl_hdd_1:~#
```

#12 - 28.09.2006 11:58 - Ernad Husremović

e2fsprogs na root

```
root@sc_wl_hdd_1:~# ipkg install e2fsprogs*
Installing e2fsprogs (1.38-1) to root...
Configuring e2fsprogs
Successfully terminated.
```

#13 - 28.09.2006 12:00 - Ernad Husremović

ponovio particioniranje

```
Disk /dev/ide/host0/bus0/target0/lun0/disc: 40.0 GB, 40007761920 bytes
255 heads, 63 sectors/track, 4864 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
```

	Device	Boot	Start	End	Blocks	Id	System
	/dev/ide/host0/bus0/target0/lun0/part1		1	123	987966	83	Linux
	/dev/ide/host0/bus0/target0/lun0/part2		124	4864	38082082+	83	Linux

```
Command (m for help): w
The partition table has been altered!
```

```
Calling ioctl() to re-read partition table.
Syncing disks.
```

znači imam dvije particije - prva mi je za fajl sistem a druga za podatke

#14 - 28.09.2006 12:05 - Ernad Husremović

zaboravio sam swap particiju može mi zatrebati

```
Disk /dev/ide/host0/bus0/target0/lun0/disc: 40.0 GB, 40007761920 bytes
255 heads, 63 sectors/track, 4864 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
```

	Device	Boot	Start	End	Blocks	Id	System
	/dev/ide/host0/bus0/target0/lun0/part1		1	123	987966	83	Linux
	/dev/ide/host0/bus0/target0/lun0/part2		124	155	257040	82	Linux swap / Solaris
	/dev/ide/host0/bus0/target0/lun0/part3		156	4864	37825042+	83	Linux

```
Command (m for help):
```

#15 - 28.09.2006 12:14 - Ernad Husremović

/etc/mtab

```
root@sc_wl_hdd_1:~# ln -s /proc/mounts /etc/mtab
```

napravoi file sistem

```
root@sc_wl_hdd_1:~# mkfs.ext3 /dev/ide/host0/bus0/target0/lun0/part1
mke2fs 1.38 (30-Jun-2005)
Filesystem label=
OS type: Linux
Block size=4096 (log=2)
Fragment size=4096 (log=2)
123648 inodes, 246991 blocks
12349 blocks (5.00%) reserved for the super user
First data block=0
8 block groups
32768 blocks per group, 32768 fragments per group
15456 inodes per group
Superblock backups stored on blocks:
    32768, 98304, 163840, 229376
```

```
Writing inode tables: done
Creating journal (4096 blocks):
done
Writing superblocks and filesystem accounting information: done
```

```
This filesystem will be automatically checked every 27 mounts or
180 days, whichever comes first. Use tune2fs -c or -i to override.
root@sc_wl_hdd_1:~#
root@sc_wl_hdd_1:~# mkfs.ext3 /dev/ide/host0/bus0/target0/lun0/part3
mke2fs 1.38 (30-Jun-2005)
Filesystem label=
OS type: Linux
Block size=4096 (log=2)
Fragment size=4096 (log=2)
4734976 inodes, 9456260 blocks
472813 blocks (5.00%) reserved for the super user
First data block=0
289 block groups
32768 blocks per group, 32768 fragments per group
16384 inodes per group
Superblock backups stored on blocks:
    32768, 98304, 163840, 229376, 294912, 819200, 884736, 1605632, 2654208,
    4096000, 7962624
```

```
Writing inode tables: done
Creating journal (32768 blocks):
done
Writing superblocks and filesystem accounting information: done
```

```
This filesystem will be automatically checked every 35 mounts or
180 days, whichever comes first. Use tune2fs -c or -i to override.
root@sc_wl_hdd_1:~#
```

#16 - 28.09.2006 12:14 - Ernad Husremović

```
root@sc_wl_hdd_1:~# mkdir /hd1
root@sc_wl_hdd_1:~# mkdir /hd3
root@sc_wl_hdd_1:~# mount /dev/ide/host0/bus0/target0/lun0/part1 /hd1
root@sc_wl_hdd_1:~# mount /dev/ide/host0/bus0/target0/lun0/part3 /hd3
root@sc_wl_hdd_1:~#
```

#17 - 28.09.2006 12:21 - Ernad Husremović

dodao sam /etc/ipkg.conf

dest hd /hd1

instaliram asterisk na hd (/hd1)

```
root@sc_wl_hdd_1:~# ipkg update
Downloading http://downloads.openwrt.org/whiterussian/packages/Packages
Updated list of available packages in /usr/lib/ipkg/lists/whiterussian
Downloading http://downloads.openwrt.org/whiterussian/packages/non-free/PackagesUpdated list of available pack
ages in /usr/lib/ipkg/lists/non-free
Successfully terminated.
```

```
root@sc_wl_hdd_1:~# scp hernad@192.168.45.149:~/Desktop/openwrt/*asterisk* .
```

```
Host '192.168.45.149' is not in the trusted hosts file.
(fingerprint md5 52:b0:83:4d:da:50:44:ea:65:f8:72:40:f8:de:22:90)
Do you want to continue connecting? (y/n) y
```

```
Password:
asterisk_1.0.10-1_mipsel.ipk          100% 689KB 229.6KB/s  00:03
asterisk-modem.tar.gz                100% 20KB 19.6KB/s    00:00
asterisk-sounds-1.2-ulaw.tar.gz      100% 5990KB 230.4KB/s   00:26
```

```
root@sc_wl_hdd_1:~# mkdir /hd1/tmp
root@sc_wl_hdd_1:~# cp asterisk-sounds*tar.gz /hd1/tmp
root@sc_wl_hdd_1:~# rm asterisk-sounds*tar.gz
root@sc_wl_hdd_1:~# ipkg install -d hd asterisk*ipk
Installing asterisk (1.0.10-1) to hd...
Installing libncurses (5.2-7) to hd...
Downloading http://downloads.openwrt.org/whiterussian/packages/libncurses_5.2-7_mipsel.ipk
Configuring asterisk
```

```
Configuring libncurses
Successfully terminated.
root@sc_wl_hdd_1:~#
```

#18 - 28.09.2006 12:24 - Ernad Husremović

dodao hd1 lokacije u path

```
root@sc_wl_hdd_1:~# rm /etc/profile
root@sc_wl_hdd_1:~# cp profile /etc/profile
root@sc_wl_hdd_1:~# cat /etc/profile
#!/bin/sh
[ -f /etc/banner ] && cat /etc/banner

PATH=bin:/sbin:/usr/bin:/usr/sbin:/
export PATH=$PATH:/hd1/bin:/hd1/sbin:/hd1/usr/bin:/hd1/usr/sbin:/hd1
export PS1='\u@\h:\w\$ '

alias less=more
alias vim=vi

arp() { cat /proc/net/arp; }
ldd() { LD_TRACE_LOADED_OBJECTS=1 $*; }
reboot() { ifdown wan 2>&1 >/dev/null ; /sbin/reboot; }
root@sc_wl_hdd_1:~#
```

#19 - 28.09.2006 12:26 - Ernad Husremović

dodao i liniju (ispod export PS1 ...)

```
export LD_LIBRARY_PATH=/lib:/usr/lib:/hd1/lib:/hd1/usr/lib
```

#20 - 28.09.2006 12:30 - Ernad Husremović

mountaj hdd priliko boot-a

```
root@sc_wl_hdd_1:/etc# chmod +x mount_hdd
root@sc_wl_hdd_1:/etc# cat mount_hdd
/bin/mount /dev/ide/host0/bus0/target0/lun0/part1 /hd1
/bin/mount /dev/ide/host0/bus0/target0/lun0/part3 /hd3

root@sc_wl_hdd_1:/etc# cd init.d
root@sc_wl_hdd_1:/etc/init.d# ls
S05nvram      S45firewall  S50httpd     S60cron      asterisk
S10boot       S50dnsmasq   S50telnet    S70firewall  rcS
S40network    S50dropbear  S60asterisk  S99done
root@sc_wl_hdd_1:/etc/init.d# ln -s /etc/mount_hdd S15mount_hdd
```

#21 - 28.09.2006 12:31 - Ernad Husremović

ostalo je samo još da napravim swap (swap-utils paket) i e2fsck prilikom boot-a

#22 - 28.09.2006 12:33 - Ernad Husremović

hah asterisk radi fakat

```
root@sc_wl_hdd_1:~# asterisk -r
Asterisk 1.0.10, Copyright (C) 1999-2004 Digium.
Written by Mark Spencer <markster@digium.com>
=====
Connected to Asterisk 1.0.10 currently running on sc_wl_hdd_1 (pid = 673)
No entry for terminal type "xterm";
using dumb terminal settings.
sc_wl_hdd_1*CLI>
```

#23 - 28.09.2006 12:44 - Ernad Husremović

ipkg status mi pravi probleme:

```
root@sc_wl_hdd_1:~# ipkg remove ntpclient
Removing package ntpclient from root...
```

```
ipkg_conf_write_status_files: Can't open status file: //usr/lib/ipkg/status for writing: No space left on device
Successfully terminated.
root@sc_wl_hdd_1:~# ls /usr/lib/ipkg/status
/usr/lib/ipkg/status

root@sc_wl_hdd_1:~# ls /usr/lib/ipkg/status -l
-rw-r--r-- 1 root root 6041 Jan 1 2000 /usr/lib/ipkg/status
root@sc_wl_hdd_1:~# rm /usr/lib/ipkg/status
```

ali sada ne zna da je ntpclient uopšte instaliran

```
root@sc_wl_hdd_1:~# ipkg remove ntpclient
No packages removed.
Nothing to be done
Successfully terminated.
```

hm samo vodi one pakete koji su na hd-u instalirani

```
root@sc_wl_hdd_1:~# ipkg list_installed
asterisk - 1.0.10-1 - An open source PBX
isdn4k-utils - v3.2p1-1 -
kmod-usb-isdn - 2.4.30-brcm-2 -
libncurses - 5.2-7 - a terminal handling library and common terminal definitions
Successfully terminated.
root@sc_wl_hdd_1:~# ls /usr/sbin/nt*
ls: /usr/sbin/nt*: No such file or directory
root@sc_wl_hdd_1:~# ls /usr/bin/nt*
ls: /usr/bin/nt*: No such file or directory
root@sc_wl_hdd_1:~# ls /usr/sbin/nt*
ls: /usr/sbin/nt*: No such file or directory
root@sc_wl_hdd_1:~# ipkg update
Downloading http://downloads.openwrt.org/whiterussian/packages/Packages
Updated list of available packages in /usr/lib/ipkg/lists/whiterussian
Downloading http://downloads.openwrt.org/whiterussian/packages/non-free/Packages
Updated list of available packages in /usr/lib/ipkg/lists/non-free
Successfully terminated.
root@sc_wl_hdd_1:~# ipkg list_installed
asterisk - 1.0.10-1 - An open source PBX
isdn4k-utils - v3.2p1-1 -
kmod-usb-isdn - 2.4.30-brcm-2 -
libncurses - 5.2-7 - a terminal handling library and common terminal definitions
Successfully terminated.
root@sc_wl_hdd_1:~# ipkg install -d hd ntpclient
Installing ntpclient (2003_194-2) to hd...
Downloading http://downloads.openwrt.org/whiterussian/packages/ntpclient_2003_194-2_mipsel.ipk
Configuring ntpclient
Successfully terminated.
```

#24 - 28.09.2006 12:47 - Ernad Husremović

hm malo sam zeznuo ipkg sistem ... ali nije bašt tako strašno

#25 - 28.09.2006 12:48 - Ernad Husremović

sambu instaliram

```
root@sc_wl_hdd_1:~# ipkg install -d hd samba*ipk
Installing samba-client (2.0.10-2) to hd...
Installing samba (2.0.10-2) to hd...
Installing libgcc (3.4.4-8) to hd...
Downloading http://downloads.openwrt.org/whiterussian/packages/libgcc_3.4.4-8_mipsel.ipk
Installing base-files (8) to hd...
Downloading http://downloads.openwrt.org/whiterussian/packages/base-files_8_mipsel.ipk
Configuring base-files
Configuring libgcc
Configuring samba
Configuring samba-client
Successfully terminated.
root@sc_wl_hdd_1:~#
```

#26 - 28.09.2006 13:40 - Ernad Husremović

openwrt forumi asterisk:

#27 - 28.09.2006 13:41 - Ernad Husremović

[ISDN USB problems...](#)

#28 - 28.09.2006 14:19 - Ernad Husremović

```
root@sc_wl_hdd_1:/hd1/usr/lib# ipkg -d hd install lsusb
Installing lsusb (0.71-1) to hd...
Downloading http://downloads.openwrt.org/whiterussian/packages/lsusb_0.71-1_mipsel.ipk
Installing libusb (0.1.10a-1) to hd...
Downloading http://downloads.openwrt.org/whiterussian/packages/libusb_0.1.10a-1_mipsel.ipk
Configuring libusb
Configuring lsusb
Successfully terminated.
```

#29 - 28.09.2006 14:23 - Ernad Husremović

/usr/share je sada na /hd1

```
root@sc_wl_hdd_1:/hd1/usr/share# cd /hd1/usr/share
root@sc_wl_hdd_1:/hd1/usr/share# mv defa* udhcpc
root@sc_wl_hdd_1:/hd1/usr/share# mv /usr/share /usr/share.orig
root@sc_wl_hdd_1:/hd1/usr/share# ln /hd1/usr/share /usr/share ln: /usr/share: Invalid cross-device link
root@sc_wl_hdd_1:/hd1/usr/share# ln -s /hd1/usr/share /usr/share
root@sc_wl_hdd_1:/hd1/usr/share#
```

#30 - 28.09.2006 14:25 - Ernad Husremović

čini mi se da usb modem nije uopšte detektovan

```
root@sc_wl_hdd_1:/hd1/usr/share# lsusb -v
root@sc_wl_hdd_1:/hd1/usr/share#
```

#31 - 28.09.2006 14:33 - Ernad Husremović

```
root@sc_wl_hdd_1:~# ipkg install -force-depends kmod-usb-uhci
Installing kmod-usb-uhci (2.4.30-brcm-3) to root...
Downloading http://downloads.openwrt.org/whiterussian/packages/kmod-usb-uhci_2.4.30-brcm-3_mipsel.ipk
Installing kmod-usb-core (2.4.30-brcm-3) to root...
Downloading http://downloads.openwrt.org/whiterussian/packages/kmod-usb-core_2.4.30-brcm-3_mipsel.ipk
Configuring kmod-usb-core
Configuring kmod-usb-uhci
Successfully terminated.
Collected errors:
Warning: Cannot satisfy the following dependencies for kmod-usb-uhci:
kernel (2.4.30-brcm-3) kernel (2.4.30-brcm-3)
root@sc_wl_hdd_1:~#
```

#32 - 28.09.2006 14:33 - Ernad Husremović

aha usb je na ohci interfejsu

```
root@sc_wl_hdd_1:~# insmod usb-ohci.o
Using /lib/modules/2.4.30/usb-ohci.o
root@sc_wl_hdd_1:~# dmesg
t 0x100-0x107,0x10a on irq 6
hda: attached ide-disk driver.
hda: host protected area => 1
hda: 78140160 sectors (40008 MB) w/8192KiB Cache, CHS=77520/16/63, UDMA(100)
Partition check:
 /dev/ide/host0/bus0/target0/lun0: [PTBL] [4864/255/63] p1 p2 p3
Journalled Block Device driver loaded
ip_contrack_pptp version 1.9 loaded
ip_nat_pptp version 1.5 loaded
ip_contrack_rtsp v0.01 loading
ip_nat_rtsp v0.01 loading
Probing device eth0: No Robo switch in managed mode found
Probing device eth1: No Robo switch in managed mode found
Probing device eth2: [switch-robo.c:90] SIOCGETCPHYRD failed!
[switch-robo.c:90] SIOCGETCPHYRD failed!
```

```
No Robo switch in managed mode found
Probing device eth3: No such device
BFL_ENETADM not set in boardflags. Use force=1 to ignore.
usb.c: registered new driver usbdevfs
usb.c: registered new driver hub
device eth0 entered promiscuous mode
jffs2: attempt to mount non-MTD device 03:01
SQUASHFS error: Can't find a SQUASHFS superblock on ide0(3,1)
kjournald starting. Commit interval 5 seconds
EXT3 FS 2.4-0.9.19, 19 August 2002 on ide0(3,1), internal journal
EXT3-fs: recovery complete.
EXT3-fs: mounted filesystem with ordered data mode.
jffs2: attempt to mount non-MTD device 03:03
SQUASHFS error: Can't find a SQUASHFS superblock on ide0(3,3)
kjournald starting. Commit interval 5 seconds
EXT3 FS 2.4-0.9.19, 19 August 2002 on ide0(3,3), internal journal
EXT3-fs: recovery complete.
EXT3-fs: mounted filesystem with ordered data mode.
b44: eth1: Link is up at 100 Mbps, full duplex.
b44: eth1: Flow control is off for TX and off for RX.
CSLIP: code copyright 1989 Regents of the University of California
PPP generic driver version 2.4.2
b44: eth1: Link is up at 100 Mbps, full duplex.
b44: eth1: Flow control is off for TX and off for RX.
device eth2 entered promiscuous mode
br0: port 1(eth2) entering learning state
br0: port 1(eth2) entering forwarding state
br0: topology change detected, propagating
device wds0.49153 entered promiscuous mode
wds0.49153: attempt to add interface with same source address.
br0: port 2(wds0.49153) entering learning state
br0: port 2(wds0.49153) entering forwarding state
br0: topology change detected, propagating
GRE over IPv4 tunneling driver
ISDN subsystem Rev: 1.137/1.104/1.153/none/1.24/1.8 loaded
HiSax: Linux Driver for passive ISDN cards
HiSax: Version 3.5 (module)
HiSax: Layer1 Revision 2.46
HiSax: Layer2 Revision 2.30
HiSax: TeiMgr Revision 2.20
HiSax: Layer3 Revision 2.22
HiSax: LinkLayer Revision 2.59
HiSax: Approval certification failed because of
HiSax: unauthorized source code changes
HFC-USB: driver module revision 4.0 loaded
usb.c: registered new driver hfc_usb
uhci.c: USB Universal Host Controller Interface driver v1.1
uhci.c: USB Universal Host Controller Interface driver v1.1
uhci.c: USB Universal Host Controller Interface driver v1.1
uhci.c: USB Universal Host Controller Interface driver v1.1
PCI: Setting latency timer of device 00:04.0 to 64
usb-ohci.c: USB OHCI at membase 0xb8004000, IRQ 2
usb-ohci.c: usb-00:04.0, PCI device 14e4:4715
usb.c: new USB bus registered, assigned bus number 1
hub.c: USB hub found
hub.c: 2 ports detected
hub.c: new USB device 00:04.0-1, assigned address 2
HFC-USB: probing interface(0) actalt(0)
HFC-USB: found vendor idx:1 name:Billion tiny USB ISDN TA 128
HFC-USB: test alt_setting 0
HFC-USB: (if=0 alt=0 cfg_used=0)
HFC-USB: (if=0 alt=0 cfg_used=1)
HFC-USB: (if=0 alt=0 cfg_used=2)
HFC-USB: (if=0 alt=0 cfg_used=3)
HFC-USB: final small_match=ffff alt_used=0
HFC-USB: probing interface(1) actalt(0)
HFC-USB: found vendor idx:1 name:Billion tiny USB ISDN TA 128
HFC-USB: test alt_setting 0
HFC-USB: (if=1 alt=0 cfg_used=0)
HFC-USB: (if=1 alt=0 cfg_used=1)
HFC-USB: (if=1 alt=0 cfg_used=2)
HFC-USB: (if=1 alt=0 cfg_used=3)
HFC-USB: test alt_setting 1
HFC-USB: (if=1 alt=1 cfg_used=0)
HFC-USB: cfg_found=FALSE in idx:0 attr:3 cmptblr0:1
```

```

HFC-USB: cfg_found=FALSE in idx:2 attr:3 cmptblr2:1
HFC-USB: cfg_found=FALSE in idx:4 attr:3 cmptblr4:1
HFC-USB: cfg_found=FALSE in idx:9 attr:1 cmptblr9:1
HFC-USB: cfg_found=FALSE in idx:11 attr:1 cmptblr11:1
HFC-USB: cfg_found=FALSE in idx:13 attr:1 cmptblr13:1
HFC-USB: cfg_found=FALSE in idx:14 attr:1 cmptblr14:1
HFC-USB: cfg_found=FALSE in idx:15 attr:1 cmptblr15:1
HFC-USB: (if=1 alt=1 cfg_used=1)
HFC-USB: cfg_found=FALSE in idx:0 attr:3 cmptblr0:1
HFC-USB: cfg_found=FALSE in idx:2 attr:3 cmptblr2:1
HFC-USB: cfg_found=FALSE in idx:4 attr:3 cmptblr4:1
HFC-USB: cfg_found=FALSE in idx:6 attr:3 cmptblr6:1
HFC-USB: cfg_found=FALSE in idx:7 attr:3 cmptblr7:1
HFC-USB: cfg_found=FALSE in idx:9 attr:1 cmptblr9:1
HFC-USB: cfg_found=FALSE in idx:11 attr:1 cmptblr11:1
HFC-USB: cfg_found=FALSE in idx:13 attr:1 cmptblr13:1
HFC-USB: cfg_found=FALSE in idx:14 attr:1 cmptblr14:1
HFC-USB: cfg_found=FALSE in idx:15 attr:1 cmptblr15:1
HFC-USB: (if=1 alt=1 cfg_used=2)
HFC-USB: cfg_found=FALSE in idx:0 attr:3 cmptblr0:1
HFC-USB: cfg_found=FALSE in idx:1 attr:3 cmptblr1:1
HFC-USB: cfg_found=FALSE in idx:2 attr:3 cmptblr2:1
HFC-USB: cfg_found=FALSE in idx:3 attr:3 cmptblr3:1
HFC-USB: cfg_found=FALSE in idx:4 attr:3 cmptblr4:1
HFC-USB: cfg_found=FALSE in idx:5 attr:3 cmptblr5:1
HFC-USB: cfg_found=FALSE in idx:6 attr:3 cmptblr6:1
HFC-USB: cfg_found=FALSE in idx:7 attr:3 cmptblr7:1
HFC-USB: (if=1 alt=1 cfg_used=3)
HFC-USB: cfg_found=FALSE in idx:0 attr:3 cmptblr0:1
HFC-USB: cfg_found=FALSE in idx:1 attr:3 cmptblr1:1
HFC-USB: cfg_found=FALSE in idx:2 attr:3 cmptblr2:1
HFC-USB: cfg_found=FALSE in idx:3 attr:3 cmptblr3:1
HFC-USB: cfg_found=FALSE in idx:4 attr:3 cmptblr4:1
HFC-USB: cfg_found=FALSE in idx:5 attr:3 cmptblr5:1
HFC-USB: cfg_found=FALSE in idx:6 attr:3 cmptblr6:1
HFC-USB: cfg_found=FALSE in idx:7 attr:3 cmptblr7:1
HFC-USB: cfg_found=FALSE in idx:14 attr:1 cmptblr14:1
HFC-USB: cfg_found=FALSE in idx:15 attr:1 cmptblr15:1
HFC-USB: test alt_setting 2
HFC-USB: (if=1 alt=2 cfg_used=0)
HFC-USB: (if=1 alt=2 cfg_used=1)
HFC-USB: small_match=1 2
HFC-USB: (if=1 alt=2 cfg_used=2)
HFC-USB: cfg_found=FALSE in idx:1 attr:3 cmptblr1:1
HFC-USB: cfg_found=FALSE in idx:3 attr:3 cmptblr3:1
HFC-USB: cfg_found=FALSE in idx:5 attr:3 cmptblr5:1
HFC-USB: (if=1 alt=2 cfg_used=3)
HFC-USB: cfg_found=FALSE in idx:1 attr:3 cmptblr1:1
HFC-USB: cfg_found=FALSE in idx:3 attr:3 cmptblr3:1
HFC-USB: cfg_found=FALSE in idx:5 attr:3 cmptblr5:1
HFC-USB: final small_match=1 alt_used=2
HFC-USB: Interrupt-In Endpoint found 4 ms(idx:1 cidx:1)!
HFC-USB: fifo1 pktlen 64 interval 4
HFC-USB: Interrupt-In Endpoint found 4 ms(idx:3 cidx:3)!
HFC-USB: fifo3 pktlen 64 interval 4
HFC-USB: Interrupt-In Endpoint found 4 ms(idx:5 cidx:5)!
HFC-USB: fifo5 pktlen 64 interval 4
HFC-USB: ISO Endpoint found (idx:8 cidx:0)!
HFC-USB: fifo0 pktlen 16 interval 1
HFC-USB: ISO Endpoint found (idx:10 cidx:2)!
HFC-USB: fifo2 pktlen 16 interval 1
HFC-USB: ISO Endpoint found (idx:12 cidx:4)!
HFC-USB: fifo4 pktlen 16 interval 1
HFC-USB: detected "Billion tiny USB ISDN TA 128" configuration: 3 Interrupt IN + 3 Isochron OUT (if=1 alt=2)
HFCUSB_CHIP_ID begin
HFCUSB_CHIP_ID 40
usb_init 1
usb_init 2
usb_init usb_set_interface return 0
HiSax: Card 1 Protocol EDSS1 Id=hfc_usb0 (0)
HiSax: DSS1 Rev. 2.32
HiSax: 2 channels added
HiSax: MAX_WAITING_CALLS added
HFC-USB: starting intr IN fifo:5
HFC-USB: starting intr IN fifo:1

```

```
HFC-USB: starting intr IN fifo:3
HFC-USB: starting ISO-chain for Fifo 4
HFC-USB: starting ISO-chain for Fifo 0
HFC-USB: starting ISO-chain for Fifo 2
HFC-USB: queue_control_request reg: 1f, val: f7
ctrl_start_transfer: submit 0
HFC-USB: new S0 state:3 old_state:0
ctrl_complete cnt 1
root@sc_wl_hdd_1:~#
```

#33 - 28.09.2006 14:34 - Ernad Husremović

```
root@sc_wl_hdd_1:~# lsusb
Bus 001 Device 001: ID 0000:0000
Bus 001 Device 002: ID 07b0:0007 Trust Technologies
root@sc_wl_hdd_1:~#
```

#34 - 28.09.2006 14:51 - Ernad Husremović

imon mi daje hfc_usb

Last Update: 2006-09-28 14:50:52							iMON 2.2		
Nr.	LineID	Status	Phone Number	Usage	Type				
		1	hfc_usb0	Offline	0 hfc_usb0	Offline			
2						3			
	5						4		
6								7	
							8		
	9							10	
							11		
	13							14	

#35 - 28.09.2006 14:59 - Ernad Husremović

swap utils se nalazi u backports:

```
root@sc_wl_hdd_1:/hd1/etc/asterisk# ipkg update
Downloading http://downloads.openwrt.org/whiterussian/packages/Packages
Updated list of available packages in /usr/lib/ipkg/lists/whiterussian
Downloading http://downloads.openwrt.org/whiterussian/packages/non-free/PackagesUpdated list of available packages in /usr/lib/ipkg/lists/non-free
Downloading http://downloads.openwrt.org/backports/rc5/Packages
Updated list of available packages in /usr/lib/ipkg/lists/backports
Successfully terminated.
root@sc_wl_hdd_1:/hd1/etc/asterisk# ipkg install swap-utils
Installing swap-utils (2.12r-1) to root...
Downloading http://downloads.openwrt.org/backports/rc5/swap-utils_2.12r-1_mipsel.ipk
Configuring swap-utils
Successfully terminated.
root@sc_wl_hdd_1:/hd1/etc/asterisk# ip
```

#36 - 28.09.2006 15:00 - Ernad Husremović

swapon

```
root@sc_wl_hdd_1:/hd1/etc/asterisk# mkswap /dev/ide/host0/bus0/target0/lun0/part2
Setting up swapspace version 1, size = 263204 kB
root@sc_wl_hdd_1:/hd1/etc/asterisk# swapon /dev/ide/host0/bus0/target0/lun0/part2
root@sc_wl_hdd_1:/hd1/etc/asterisk#
```

#37 - 28.09.2006 15:02 - Ernad Husremović

```
root@sc_wl_hdd_1:/hd1/etc/asterisk# cat /proc/meminfo
total:      used:      free:      shared:    buffers:    cached:
Mem:  14692352 13606912  1085440      0    446464    4747264
Swap: 263200768      0    263200768
```

```
MemTotal:      14348 kB
MemFree:       1060 kB
MemShared:     0 kB
Buffers:       436 kB
Cached:        4636 kB
SwapCached:    0 kB
Active:        4348 kB
Inactive:      748 kB
HighTotal:     0 kB
HighFree:      0 kB
LowTotal:      14348 kB
LowFree:       1060 kB
SwapTotal:    257032 kB
SwapFree:     257032 kB
```

#38 - 28.09.2006 15:18 - Ernad Husremović

hejj uspjeh ja ovo podići:

```
...
[skipping cdr_csv.so]
[skipping cdr_manager.so]
[skipping chan_modem_i4l.so]
[chan_modem.so] => (Generic Voice Modem Driver)
== Parsing '/etc/asterisk/modem.conf': Found
== Loading modem driver chan_modem_i4l.so => (ISDN4Linux Emulated Modem Driver)
-- Configured modem /dev/isdn/ttyI0 with driver i4l (Linux ISDN)
== Registered channel type 'Modem' (Generic Voice Modem Channel Driver)
== Parsing '/etc/asterisk/enum.conf': Found
== Parsing '/etc/asterisk/extconfig.conf': Found
== Parsing '/etc/asterisk/logger.conf': Found
Asterisk Event Logger restarted
== Parsing '/etc/asterisk/manager.conf': Found
== Parsing '/etc/asterisk/enum.conf': Found
== Parsing '/etc/asterisk/rtp.conf': Found
== RTP Allocating from port range 10000 -> 20000
Asterisk Ready.
*CLI>
```

znači uređaj je /dev/isdn/ttyI0

#39 - 28.09.2006 15:30 - Ernad Husremović

evo članaka o asterisku na openwrt-u:

<http://lestblood.imagodirt.net/archives/83-Asterisk-on-OpenWRT.html>

<http://lestblood.imagodirt.net/archives/106-Asterisk-on-OpenWRT-part-2.html>

#40 - 23.04.2008 17:33 - Ernad Husremović

- Status promijenjeno iz Novo u Zatvoreno