

Νἱοόιεέίάιúé εἰοάδιáò ÷áðáç óñéíðèòáéü sprint. Íáñòðíééá

Ðαçääé : Νεñòáìá. Ááìεἰεñòðèðíááíεá

Ἰἱόάεéèíááíí [Serega86](#) [11/07/2010]

Ἰἱεñáííúá íáñòðíééè ááεñòáεòáéüíú áεý ἰðíááεááðá raadugainternet ἡἱοόιεé Express AM22 (53E),
dvb εáðòá Skystar3. Ðááίòáðò á Open Suse 11.0 è 11.1 (ἰðíááðáíí). Áí γóίáí íáíáοίáεἰí íáñòðíεòú
íáçáííúé εáíáε íáíðèíáð GPRS (íáñòðíééó gprs ἰíæíí ἱἱεñεáòú á google).
Νἱ-εòááí ÷òί íáçáííúé εáíáε íáñòðíáí ἰðèñòóíááí è íáñòðíééá εἰοάδιáò ÷áðáç óñéíðèòáéü sprint

Ἰἱεó÷ááí ἰðááá ἱἱεüçíáòáéý **root**

linux:/home/user # su

linux:/home/user # dmesg | grep dvb -ἱἱéáæáò íàí[31.734591] saa7146: register extension 'budget
dvb'. Ááεáá íáíáοίáεἰí ἰòεεð÷εòú çáñúíáíεá εáðòú, ÷οίáú ἱíá íá áúεεð÷áεáñú ἡáà ἱí ἡááá, εἱíáá áé
áçáοíááòñý; ìú áúñòááéýáí çíá÷áíεá á ἡáεóíááò. Νἱçáááí òáεé

/etc/modprobe.d/dvb_core.modprobe è áíááéýáí òóáá ἱáíó ááεíñòááííóð ἡòðí÷εó : options
dvb_core dvb_shutdown_timeout=915360000. Ýòεì ìú ἰðáíýòñòáóáí çáñúíáíεð εáðòú.

Ἰἱñéá γóίáí ἱáðáçááðòæááí εἱἱüðòáð. Óñòáíááεéáááí íáíáοίáεἰíúé ἱáεáò: dvb - Tools for Digital
(DVB) TV Cards.Ýòε òòεèεòú ἰðεáíáýòñý á ááεüíáéøáí.

Νἱçáááí òáεé íáñòðíáé.

Νἱçáááí òáεé «/etc/channels.conf» Áíáááéýáí á ἱááí ἡòðí÷εó AM22:11096:v:0:6164:0:0:0

Çááñú:

- * AM22 – íáçááíεá εáíáεá. Ἰíæáò áúòú εðáúí.
- * 11096 – ÷áñòíðá
- * v – ἱἱεýðεçáòεý. Ἰíæáò áúòú H – áíðεçííòáéüíáý è V – ááðòεéáεüíáý
- * 0 – FEC: 0 – Ááòí, 3 – 3/4,...
- * 6164 – Ááεè÷εíá ἱἱòíεá (Symbol rate)
- * 0 – Áεááí PID
- * 0 – Áóáèí PID
- * 0 – Program id

Ἰðíáóáí çáðááòεòú ἡεáíáε. Áεý γóίáí εñἱἱεüçóáí òòεèεòó szap εç ἱáεáòá dvb:

linux:/home/user # szap -c /etc/channels.conf -n 1 (-ñ ἱçíá÷áò εñἱἱεüçíáòú εἱíοéáóðáòεἱííúé òáεé,
-n 1 óεáçúáááò íá ἡòðíéó, εç εἱòíðíé áðáòú íáñòðíééè) Ἰíá áúáááò íàí ἡεááòðúáá:

status 07 | signal 9797 | snr 3270 | ber 0000ff00 | unc 00000000 |
status 1f | signal 9696 | snr d344 | ber 00001800 | unc 00000000 | FE_HAS_LOCK

Νεáíáε çáεí÷áí. Éεð÷ááúá ἱáðáíáòðú status 1f è FE_HAS_LOCK.

Ááεáá ἡἱçáááí ἡεðεìò áεý ááòííáðε÷áñéíé εἰεòεáεεçáòεé εἰοάðòáéñá dvb0_0 ἰðè ἡòðáòá ἡεñòáíú
OpenSuse 11.0.

Νἱçáááí òáεé á ἱáíεá /etc/init.d òáεé dvbcard áíáíðèì ÷òί ἱí εñἱἱεýáíúé

linux:/home/user # chmod +x etc/init.d/dvbcard Çáòáí á Yast(ἱáðáíáòðú ááìεἰεñòðáòíðá) íá εἱἱíεá
ἡεñòáíá áúáεðááí ἡεñòáííúá ἡεóæáú(óðííááíú çáíóñéá) ἱáοíáεἰ òáí dvbcard è íáæεíááí εἱἱíεó

```

âêëþ÷èòü.
İðèìãð ñêðëìòà /etc/init.d/dvbcards:
#!/bin/bash
# Copyright (c) HighwayStar
#
# Ñêðëìò äëÿ çàìóñêà èìòãððáéñà dvb0_0
### BEGIN INIT INFO
# Provides: dvbcards
# Required-Start:
# Required-Stop:
# Default-Start: 3 5
# Default-Stop: 0 1 2 6
# X-UnitedLinux-Should-Start: hotplug
# Short-Description: start dvbcards for internet
# Description: Script for start dvbnet interface
### END INIT INFO
# Shell functions sourced from /etc/rc.status:
# rc_check check and set local and overall rc status
# rc_status check and set local and overall rc status
# rc_status -v ditto but be verbose in local rc status
# rc_status -v -r ditto and clear the local rc status
# rc_status -s display "skipped" and exit with status 3
# rc_status -u display "unused" and exit with status 3
# rc_failed set local and overall rc status to failed
# rc_failed set local and overall rc status to
# rc_reset clear local rc status (overall remains)
# rc_exit exit appropriate to overall rc status
# rc_active checks whether a service is activated by symlinks
# rc_splash arg sets the boot splash screen to arg (if active)
./etc/rc.status
# First reset status of this service
rc_reset

DIR=/usr
#ièä ààøããî ïðíààéääðà
PID=****
DEV_NAME=dvb0_0
#IP èàðòü dvb. ñìòðãòü á àìíóàéä èèè á è-íáòà.
IP_ADDR=*. *. *. *
NETMASK=255.255.255.0
BCAST=255.255.255.255
# çããñü ìèøài MAC dvb èàðòü. Á ñëó÷àá VPN ìèøài MAC áù÷-èñèáíúé
# èç IP áñèè òèèüòðàòèÿ ïï IP èèè MAC àãðãñ èç èè÷-ííáì éàáéíáòà
# áñèè òèèüòðàòèÿ ïï MAC
MAC_ADDR=*. *. *. *. *. *

case "$1" in
start)

```

```
echo -n "Starting DVBcard"
```

```
/sbin/ifconfig | grep $DEV_NAME &> /dev/null # ĩřääâéâíéâ âúâíää.
```

```
case $? in
```

```
0) echo "Interface already up and running" ;;
```

```
esac
```

```
# ĩřçääââ ĩâòââíé âââïòâđ
```

```
    # òþíèì íà íóæíúé ĩřòòíèé, ÷âñòìòó è ò.í.
```

```
echo -n "Read channels.conf"
```

```
$DIR/bin/szap -c /etc/channels.conf -n 1 -x
```

```
echo -n "Set PID ${PID}"
```

```
$DIR/bin/dvbnet -p $PID
```

```
# ĩðèñâääâââââ ěâđòâ IP
```

```
echo -n "ifconfig Dev=${DEV_NAME} IP=${IP_ADDR}, Netmask=${NETMASK},  
Broadcast=${BCAST}"
```

```
/sbin/ifconfig $DEV_NAME $IP_ADDR netmask ${NETMASK} broadcast ${BCAST}
```

```
# ĩðèñâääâââââ ěâđòâ MAC
```

```
echo -n "Set MAC-Address - ${MAC_ADDR}"
```

```
/sbin/ifconfig $DEV_NAME hw ether ${MAC_ADDR}
```

```
# Óñòâíââéèââââ ĩâđðđóòèçàòèþ íà ýòìò èíóâđóâéñ
```

```
##echo -n "Set route on DVB card interface"
```

```
##route add ${IP_ADDR} dev ${DEV_NAME}
```

```
##echo "Disable rp_filter"
```

```
echo 0 > /proc/sys/net/ipv4/conf/dvb0_0/rp_filter
```

```
echo 1 > /proc/sys/net/ipv4/ip_forward
```

```
rc_status -v
```

```
::
```

```
stop)
```

```
echo -n "Shutting down DVBcard"
```

```
/sbin/ifconfig | grep $DEV_NAME &> /dev/null ||
```

```
    echo -n " Warning: interface not running. "
```

```
/sbin/ifconfig $DEV_NAME down
```

```
dvbnet -d $DEV_NAME
```

```
rc_status -v
```

```
::
```

```
restart)
```

```
    $0 stop
```

```
    $0 start
```

```
    rc_status
```

```
# Remember status and be quiet
```

```
rc_status
```

```
::
```

```
status)
```

```
echo -n "Checking for DVBcard "
```

```
/sbin/ifconfig | grep $DEV_NAME &> /dev/null
```

```
rc_status -v
;;

*)
echo "Usage: $0 {start|stop|status|restart}"
exit 1
;;
esac
rc_exit
```

Òàíàðü íóæí çàíóñòèòü íàø ñêðèò èíìàíáé.
 linux:/home/user # /etc/init.d/dvbcard start

Ñèà-èàààì ïñèääípp ááðñèp Ñíðèíà.
<http://faq.d-v.ru/index.php?action=artikel&cat=104&id=531&artlang=ru>

Ðàñíàéíâúââàì:
 linux:/home/user/source # tar zxvf Sprint-linux-x86-3-2.tar.gz
 çàðíàè à òìüèí ÷òí íáðçàíâââóðñý äèðâèòíðèp
 linux:/home/user/source # cd sprint-linux-x86-3-2
 Çàíóñèââàì Ñíðèíà
 ./sprint
 ïèððúâââàì á áðàóçáðâ localhost:8080
 Âúáèðââàì ñíóóíèè. Âñòàâèýâì èèp-è èç èè-ííâí èâáèíàòà. Æèâì Setup (Óñòàííâèòü).
 Íáðçàíóñèââàì sprint.
 Íñèâ òíâí, èàè Ñíðèíà çàíóñòèèñý, óáâæâââàíñý ÷òí á ñòàòóñâ íàíèñáíí enable (Âèp-âí).
 Èââàì á íàñòðíéèè áðàóçáðâ è óèàçúâââàì ïðíèñè 127.0.0.1 è ïððò 3128.
 Íñèâ ÷ââí èíòâðíàò àíèæáí çàðâáíòàòü.