

Zapiski o LINUX sistemu in se kaj drugega

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Chapter 1

ANDROID

ADB

= android deBugger... da se lahko z računalnikom povežeš na tel... in od tam urejaš linux (android)

BUSYBOX (nujno 4 me:)

splača se inštalirat ta program, ker omogoča razširjen nabor Linux ukaov kot so npr: cp, crond, vi (Editor) ...

CROND

1. busybox
2. su
3. mount -o remount,rw /
4. mkdir bin
5. ln -s /system/bin/sh /bin/sh
6. crond -c /data/crontab

Chapter 2

ARDUINO

Enable PORT permissions to user

```
sudo usermod -a -G dialout terrik'
```

and Log Out / Log In

Chapter 3

DD_IBS_TEST.SH():

program za testiranje dd komnade... kako hitro comp lahko kopira datoteke v odvisnosti ob bs= ? podatka... Program je na GitHubu

Chapter 4

C++

PassBy VALUE REFERENCE POINTER

Pomembno pri funkcijah, naprimer: void passByVal(int val); void passByRef(int &ref); void passByPtr(int *ptr);

Value

: int x = 5; naredi kopijo spremenljivke v stacku - več spomina + vrednost prvotne spremenljivke se ne spremeni

Reference int &ref = x

to je alias spremenljivke x + ne zasede novega spomina + če potrebuješ, da funkcija vrne več parametrov in NI potrebno imeti globalne spremenljivke. Vrednost spremenljivke se lahko spremeni med samo funkcijo

Pionter int *xptr = &x;

xptr je naslov spremenljivke x, če želimo vrednost na tem naslovu = *xptr* - *nekoliko bolj zakomplicirana sintaksa, ker je prej potrebno v xptr dati naslov spremenljivke* + le s pointerji lahko dostopamo do **HEAP** spomina (spomin večjih razsežnosti)

Chapter 5

ECLIPSE

installation:

... nisem zapisal... ... presnameš, odpakiraš kopiraš v: /opt/eclipse/ narediš
link za vse uporabnike: `sudo ln -sf /opt/eclipse/cpp-neon/eclipse/eclipse
/usr/bin/eclipse`

eclipse.desktop:

Naredimo datoteko.desktop: `sudo nano /usr/share/applications/eclipse.desktop`

```
[Desktop Entry]
Version = Neon 2.0
Type = Application
Terminal = false
Name = eclipse
Exec = /usr/bin/eclipse
Icon = /opt/eclipse/cpp-neon/eclipse/icon.xpm
Categories = Development;
```


Chapter 6

EFI MODE:

boot -> CSM enable
security -> security boot control -> dissable

installBUNSEN

instaliral ... grub dal na sda1 (kjer sem našel efi... [sudo parted -l]) kar nekaj sem probal... ni delalo - sedaj pišem kaj ne dela

BIOS: new boot oprions: /efi/boot/bootx64.efi ne dela

Test x-n probaj ta navodila: <http://sarah.thesharps.us/2014/12/31/installing-debian-on-asus-ux301la/> — install grub -> /dev/sda1 takoj ne dela... zažene se win10... path :/EFI/debian/grubx64.efi [ne dela] path :/efi/boot/bootx64.efi [ne dela]

Chapter 7

FILEMANAGER:

Všeč mi je filemanager THUNAR: > `sudo apt-get install thunar`

Chapter 8

FILES STRUCTURE

Tu bi napisal kako bom uredil file - Files + To-Do(links) + Work * PeF - Vaje
+ Modelarstvo + Promet - Habilitacija - Diplome - Članki - Predstavitve *
DRTI - Poletne Šole - Finance - * + Hobí * Linux - BunsenLab - RPi * Dom *
Kolesarjenje + Musics + GitHub

Chapter 9

FORMAT

First, you have to find out which device (/dev/sd??) your USB stick is. Therefore look at the output of `>sudo fdisk -l`

Jaz raje uporabim: `>lsblk`

NAME	MAJ:MIN	RM	SIZE	RO	TYPE	MOUNTPPOINT
sda	8:0	0	931.5G	0	disk	
-sda1	8:1	0	100M	0	part	
-sda2	8:2	0	639.9G	0	part	/media/david/964EABCA4EABA18B
-sda3	8:3	0	1K	0	part	
-sda5	8:5	0	284.7G	0	part	/
-sda6	8:6	0	6.9G	0	part	[SWAP]
sdb	8:16	1	1010.3M	0	disk	
sr0	11:0	1	1024M	0	rom	

Lepo se vidijo diski in kje so mountirani. Po potrebi ga lahko od-mountiraš.. After that unmount the device/partition (if necessary) by running

```
sudo umount /dev/sdb
```

Make sure you replaced ?? with the correct device/partition name from the previous output. To format The partition as FAT32 use `> sudo mkdosfs -F 32 -I /dev/sdb`

Chapter 10

FRITZING

asdf

Chapter 11

FREECAD

asdf # GIMP asdf # GITHUB ## LITERATURA: 1. Link

install:

Debian le:
>sudo apt-get install git

config:

```
git config --global user.name "davidrihtarsic"

git config --global user.email "david.rihtarsic@gmail.com"

git config --global core.editor="subl"
```

general_use:

make new repository ... BlaBla_project (need to be on URL gitHub) make
dir on your computer for that project navigate to that dir > git init

editing:

na tem mestu spreminjaš FAJL... > git add . > git commit -m "comment" >
git commit -a -m "comment" > git status > git diff

uploading:

kako da stvar na GitHub... v spremenljivko "origin" spravimo URL projekta
> git remote add origin https://github.com/davidrihtarsic/myZapiski.git > git
push ~~origin master~~

updating:

naprimer, da nekdo popravi kodo (recimo ti sam na GitHubu... in nekdo tudi na compu ter naredi commit) > git commit -a -m "comment"

hočeš naložit... novo verzijo in dobiš konflikt s tisto na GitHub-u > git push origin master

hint: Updates were rejected because the remote contains work that you do not have locally. This is usually caused by another repository pushing to the same ref. You may want to first integrate the remote changes (e.g., 'git pull ...') before pushing again.
 hint: See the 'Note about fast-forwards' in 'git push --help' for details.

potem naredis : > git pull

in če je bil dokument spremenjen na ISTEM mestu (recimo v isti crstici)

potem je to v dokumentu označeno z:

```
<<<<<< HEAD
      #to je novo na compu
=====
      #to je novo na GitHubu
      #heh nisem si zapisoval
>>>>>> 14d185fbd48d55e9a37d7de3e4d9bde157aa8915
```

če pa je na različnih mestih pa dokument združi preko:

"recursive strategy"...

in je to - to :) skratka popraviš in uploadaš še enkrat :) yeah!

Chapter 12

GRAPHIC CARD

Kako preveriti in namestiti driverje za grafično kartico ## GeForce 9600 GT

Jaz imam na PCju to kartico to lahko preveriš s: > 'lspci'

V terminalu se ti izpiše nekaj takega:

```
05:00.0 VGA compatible controller: NVIDIA Corporation G94 [GeForce 9600 GT] (rev a1)
```

Nato greš na tole stran: [GeForce Drivers](#) 1. vtipkaš podatke 2. Download 3. CTRL+ALT+F1 4. user: 5. password: >sudo service lightdm stop

Chapter 13

INKSCAPE

asdf

Chapter 14

ISO BURN TO USB

```
sudo dd bs=4M if=*.iso of=/dev/sdb status=progress && sync
```

More advanced copy with progress

Inštaliran mora biti `pv` > `sudo apt-get install pv`

Ker `pv` (pipe Viever) dela več različnih stvari in ne le `dd`, med drugim tudi progress bar... je ukaz potrebno izvesti v sudo načinu: > `sudo -s` > `pv <NekIsoFile.iso> /dev/sdb`

```
857MiB 0:01:05 [13.1MiB/s] [=====
```

```
exit
```


Chapter 15

JAVA in FIREFOX BROWSER

1. naložiš javo JRE...
2. `mkdir ~/.mozilla/plugins`
3. `cd ~/.mozilla/plugins`
4. `ln -s /usr/lib/jvm/jre1.8.0_121/lib/amd64/libnpjp2.so [tu pride java direktorij kjer je libnpjp2.so]`
5. restart FireFox
6. v FF vpišeš `about:plugins` in preveriš če je java podprta...

Chapter 16

KEYBOARD SETTINGS:

Settings -> Region & Language -> Input Source for Key Bindings:

ShortCuts():

v settings > Keyboard sem si nastavil nekaj bližnjic: > super+w > Firefox > super+e > Text Editor > super+f > File Manager > super+t > terminator
v ~/.bashrc (file se zazene na začetku) > bliznica ll namesto ... > alias
ll='ls -alF' > tipki [d] dodelimo znak [/] > xmodmap -e "keycode 35 = slash"

Chapter 17

LAZARUS

Programing program in pascal... As Delphi

instalation

instaliral tako kot je opisano na internetu: 1. Install fpc_3.0.2-170225_amd64.deb via package manager 2. Install fpc_3.0.2.x86_64-linux.tar via shell (unzip and run sh install.sh). Install into /usr directory, so it overwrites 3. the existing installation 4. Install the deb sources via package manager (**tega nisem naredu... neznam**) 5. Install lazarus-project_1.6.4-0_amd64.deb via package manager 6. Instaliral gdb

Chapter 18

LIBREOFFICE:

Instal preko terminala: `> apt-get install libreoffice`

WRITER

Short Cuts | Short cut | Action | | | [Ctrl] +
[Ent] | Insert Break Page | | | Insert greek letter | |

CALC

How To - Insert DATE: 1. Tools -> Customize -> Keyboard -> 2. Short Keys
:Ctrl+. 3. Category: Insert 4. Function: Insert Current Ddate 5. [Modify]

How To - Insert TIME: 1. Tools -> Customize -> Keyboard -> 2. Short
Keys :Ctrl+Shift. 3. Category: Insert 4. Function: Insert Current Time 5.
[Modify]

Short Cuts | Short cut | Action | | | [Ct]+[.] |
Insert Date | | [Ct]+[Sh]+[.] | Insert Time |

Chapter 19

MERGE PDF DOCUMENTS

Če moramo združiti več pdf dokumentov v enega v terminal napišemo: >
pdfunite pdf0.pdf pdf1.pdf merged.pdf

Chapter 20

PASSWORD (LINUX)

To change a password on behalf of a user, first sign on or “su” to the “root” account. Then type: (where user is the username for the password you are changing). `> passwd user`

The system will prompt you to enter a password. Passwords do not echo to the screen when you enter them. You can also change your own password, by typing: (without specifying a username). `> passwd`

You will be prompted to enter your old password for verification, and then a new password. `# PIDGIN ## HANGOUTS https://bitbucket.org/EionRobb/purple-hangouts/ > sudo apt-get install -y libpurple-dev libjson-glib-dev libglib2.0-dev libprotobuf-c-dev protobuf-c-compiler mercurial make; > hg clone https://bitbucket.org/EionRobb/purple-hangouts/ && cd purple-hangouts; > make && sudo make install`

Po tem greš na tole spletno stran: https://accounts.google.com/ServiceLogin?passive=1&continue=https://accounts.google.com/m3jnlqshjh5lbvg05k46q1k4qqtrgn.apps.googleusercontent.com%26top_level_cookie%3D1%26from_login%3D1%26

ko sem naredil tole, je delal tudi skype plugin...

Skype

`https://github.com/EionRobb/skype4pidgin > cd skype... > make > sudo make install`

GoogleTalks

My account -> Prijava in varnost -> Gesla za aplikacije -> ime aplikacije : PIDGIN [ustvari] -> qwer tzui opšd asdf — basic — Protocol:XMPP user:david.rihtarsic domain:gmail.com Resource:Home pass: qwer tzui opšd asdf [x] remember pass [x] new mail... — advanced — Connect server: talk.google.com ## WhatsApp debhelper (>= 7.0.50), libglib2.0-dev, libpurple-dev, libfreeimage-dev (>= 3.0.0), libprotobuf-dev, protobuf-compiler make ARCH=x86_64

`sudo apt-get install protobuf-compiler get :https://github.com/davidgfnet/whatsapp-purple/ cd -> whatsapp-purple make # POPCORN-TIME # PPRINTER`
SUPPORT on BunsenLab sledil sem točno tem navodilom - prej moraš vedeti tudi root geslo

Program za gledanje filmov: 1. Download Popcorn-Time 2. razpakiraš in daš dokumente v `/opt/popcorn-time/` 3. polinkaš, da bo dosegljivo vsem: `sudo ln -sf /opt/popcorn-time/Popcorn-Time /usr/bin/popcorn-time` 4. Narediš še .desktop datoteko `sudo nano /usr/share/applications/popcorn-time.desktop` 5. in vot vpišeš:

```
[Desktop Entry]
Version = 1.0
Type = Application
Terminal = false
Name = Popcorn Time
Exec = /usr/bin/popcorn-time
Icon = /opt/popcorn-time/src/app/images/icon.png
Categories = Application;
```

Chapter 21

PRINT SCREEN = DARK

Chapter 22

QCAD

1. presnameš inštalacijo iz njihove [strani][<https://qcad.org/en/qcad-downloads-trial>]
2. nato spremeniš privilegije datoteke: `> sudo chmod 777 qcad*.run`
3. in poženeš script: `> ./qcad*.run`

Chapter 23

Qt5

Za nekateri program sem si moral nainštalirati Qt5 knjižnice: 1. Manjkala mi je Qt5LinguistToolsConfig Ostale mislim, da sem imel...

Instalacija Qt5LinguistToolsConfig

Mislim, da mi jo je uspelo naložiti z: `> sudo apt-get install qttools5-dev`
nato sem datoteko našel: `> sudo find /usr/lib/* -name Qt5Lin*`
nato je manjkal še Qt5Quick instaliral sem ga z `> sudo apt-get install qtdeclarative5-dev`
nato je manjkal Qt5SvgConfig, instaliral z: `> sudo apt-get install libqt5svg5-dev`
`> sudo apt-get install libraw-dev` `–sudo apt-get install exiv2` (najverjetneje ni bil taprav paket!!!) `–> sudo apt-get install libexiv2-dev` `> sudo apt-get install graphicsmagick`
še vedno ni delalo nato sem inštaliral qt5 creator... (neumnost, ker je to cel program za programiranje) `> sudo apt-get install qtcreator`
še ni pomagalo: `sudo apt-get install qml-module-qtgraphicaleffects` `sudo apt-get install qml-module-qtquick-dialogs` `sudo apt-get install pyqt5-dev` `sudo apt-get install qtdeclarative5-models-plugin`

Chapter 24

SOUNDON:

Na začetku mi ni delal zvok... Rešitev je bila: 1. `lspci`: tako preveriš, če je Linux prepoznal zvočno... na terminalu sem dobil:

```
'00:1b.0 Audio device: Intel Corporation 7 Series/C210 Series Chipset Family High Definition Audio Controller
```

```
2. apt-get install libasound2 alsa-utils alsa-oss
```

```
3. alsamixer: in od "mutirash" kanale, ki so zamutani Druga resitev (ali celo dopolnitev):
```

- je, da v terminal napišesh: `pulseaudio -D`
- secer napiše, da ni misljeno, da bi bil zagnan kot root ampak Ok... po tem dela tudi: `Settings>Sound`

Chapter 25

SUBLIME TEXT 3

Install:

Greš na njihovo stran in snameš dol pravo verzijo (Ubuntu 64) nato pa v terminalu zaženeš: `> cd Downloads > dpkg -i Sublime...64.deb`

Package Controll:

Paket za koristne funkcionalnosti:

install:

1. goto [link][<https://packagecontrol.io/installation>]
2. *copy* code for Sublime 3:

```
import urllib.request,os,hashlib; h =
'df21e130d211cfc94d9b0905775a7c0f' + '1e3d39e33b79698005270310898eea76';
pf = 'Package Control.sublime-package'; ipp = sublime.installed_packages_path();
urllib.request.install_opener( urllib.request.build_opener(
urllib.request.ProxyHandler()) ); by = urllib.request.urlopen(
'http://packagecontrol.io/' + pf.replace(' ', '%20')).read();
dh = hashlib.sha256(by).hexdigest(); print('Error validating
download (got %s instead of %s), please try manual install'
% (dh, h)) if dh != h else open(os.path.join( ipp, pf), 'wb'
).write(by)
```
3. View -> Show Console
4. *paste*

install GitHub:

1. C+S+p -> Install Packages
2. [Git()][<https://github.com/kemayo/sublime-text-git/wiki>]

nastavitve:

The detail step: 1. go to your local git project directory, [open][.git/config] file and 2. edit: `https://{username}:{password}@github.com/{username}/{project}.git` 3. input git push to check if it works. > jaz sem moral prej še spedenat v terminalu: > git commit -a -m "sublime pedenjanje" > git push (če je kak error prej še git pull... in popraviš razlike)

uporaba:

1. popraviš file... & C+s (save)
2. C+S+p -> quick commit (repo) -> msg
3. C+S+p -> push

Markdown:

Paket Package Controll mora biti nameščen... 1. Install Package: *Markdown extended* (mogoče ni treba) 2. Install Package: *Monokai extended* 3. Preferences -> Color Scheme -> Monokai Extended -> Monokai Extended 4. Install Package: *Markdown Editing* 5. Set doc. syntax = Monokai Extended 6. Preferences -> Package settings -> Markdown Editing -> Markdown Settings (standard) - User:

```
{
  "color_scheme": "Packages/Monokai Extended/Monokai Extended.tmTheme",
  "tab_size": 2,
  "line_numbers": true,
  // Layout
  "draw_centered": false,
  "wrap_width": 0,
  "rulers": []
}
```

Markdown uporaba:

linux ukazi

z dvema TAB-oma
njegov izpis na ekranu
ali nek drug text v filu...

1. nastevanje
2. nastevanje..

- nast
- nast
- nato pa se
- nato tudi to

- lahko pa tudi
- ali a + **podčtrano**

prečrtano bom uporabljal tam kjer sem nekaj probal pa ni delovalo
link

LaTeX:

namestis paket preko: C+S+p -> **Install Packages LaTeXTools** * OK, prej moras namestiti dodatne pakete.: * `sudo apt-get install texlive-full` *
`sudo apt-get install latexmk` * `sudo apt-get install biber`

Spell Checker:

download: v direktorij: /home/david/.config/sublime-text-3/Packages/

```
wget https://github.com/titoBouzout/Dictionaries/archive/master.zip
unzip..
```

ali ... 1. Download the language file from the appropriate OpenOffice extension 2. Rename the "some.oxf" file to "some.zip" 3. Unzip the file 4. Look for two files: "lang.aff" and "lang.dic". For example es_ES.aff and ES.dic 5. Open the "lang.aff" to check the encoding used. Such the line: SET -8859-1 6. Convert that file to UTF-8 from the used encoding 7. Convert "lang.dic" to UTF-8 from the used encoding. 8. Change SET ISO-8859-1 to SET UTF-8 9. In ST3, click on Preferences -> Browse Packages 10. Create a new folder, for example Language - Spanish 11. Move lang.dic and lang.aff to that folder 12. Activate the dictionary in ST3 (View -> Dictionary -> Language - Spanish es_ES) 13. Press F6 to enable spell check 14. View->Dictionaries

Google spell check: + `apt-get update` + `dpkg -i teamviewer_***_i386.deb`
+ `sudo apt-get -f install` namestitev: C+S+p -> Install Packages Google Spell Check

Chapter 26

TERMINAL:

Terminal je najboljši terminator > `sudo apt-get install terminator`

Preferences:

[] Show title bar Profiles -> Colors = Green on Black Profiles -> Background
-> Transparency = 50%

Programi za terminal

SC-IM

excel za terminal... super omogoče veliko excelovih stvari... tudi izvoz v .xlsx **Uporabne komande:** > 4 // skočimo za 4 celice dol - uporabno pri kopiranju če se moraš premaknit > yr // copy (YUNK) celo ROW > p // paste cel YUNK > +/- // increase/decrease number > C-d // transform to DATE > f // 0.00 -> 0.000 > f // 0.00 -> 0.0 > f // spremeni širino stolpca

V /home/david/.scimrc napišemo: > nmap "W" ":w:e! txt:e! xlsx" //mapira "W" tako da shrani datoteko v .sc, .txt in .xlsx

Chapter 27

TAB_CLICK:

Da vključiš Tab-CLICK greš v: 1. settings 2. mouse 3. in nato : Tab-CLICK
= ON Videl sem tudi, da problem reši tudi: > synclient tapbutton1 = 1

Touchpad

v [datoteki][[/usr/share/X11/xorg.conf.d/50-synaptics.conf] dodas:

```
Section "InputClass"
    Identifier      "Touchpad"                # required
    MatchIsTouchpad "yes"                     # required
    Driver          "synaptics"                # required
    Option          "MinSpeed"                 "0.5"
    Option          "MaxSpeed"                 "1.0"
    Option          "AccelFactor"              "0.075"
    Option          "TapButton1"               "1"
    Option          "TapButton2"               "3"      # multitouch
    Option          "TapButton3"               "2"      # multitouch
    Option          "VertTwoFingerScroll"      "1"      # multitouch
    Option          "HorizTwoFingerScroll"     "1"      # multitouch
    Option          "VertEdgeScroll"           "1"
    Option          "CoastingSpeed"            "8"
    Option          "CornerCoasting"           "1"
    Option          "CircularScrolling"        "1"
    Option          "CircScrollTrigger"        "7"
    Option          "EdgeMotionUseAlways"      "1"
    Option          "LBCornerButton"           "8"      # browser "back" btn
    Option          "RBCornerButton"           "9"      # browser "forward" btn
EndSection
```


Chapter 28

TEAMVIEWER

```
presnames teamviewer i386 (cetudi imas 64-bitni comp.) v terminalu> + sudo  
dpkg --add-architecture i386 + sudo apt-get update + sudo dpkg -i  
teamviewer_***_i386.deb + sudo apt-get -f install
```


Chapter 29

TEXMAKER

1. Spell Checker: [download][<http://extensions.services.openoffice.org/en/project/slovenian-dictionary-package-slovenski-paket-slovarjev>]
2. `unzip pac-sl.oxt`
3. in prekopiraš datoteko sl-SL.dic v Sublime paketi direktorij (Preferences->Browse packages)
4. nato nastaviš jezik : View->Dictionary->si-SL.dic

Chapter 30

THUNDERBIRD()

inštalacija je čisto reproxta: > apt-get install thunderbird

ali če ni apt paketa: 1. greš na njihovo stran in presnameš datoteko thunderbird.tar.db2 2. ekstrahiraš v /opt/thunderbird 3. preveriš če dela: ./thunderbird 4. nastaviš privilegije (če je potrebno):

```
sudo chown -R root:root /opt/hunderbird
```

5. in linkaš exe skript:

```
sudo ln -fs /opt/thunderbird/thunderbird /usr/bin/hunderbird
```

Nastavitev Thunderbirda za PeF

- Your name: David Rihtarsic
- Email add: david.rihtarsic@pef.uni-lj.si
- Password: Work-mei-kabinet
- Incoming: IMAP
 - server: imap.uni-lj.si
 - port: 993
 - SSL: SSL/TLS
 - Authentication: NMLT
- Outgoing: SMTP
 - server: mail.uni-lj.si
 - port: 587
 - SSL: None
 - Authentication: NMLT

Google Koledar v Thunderbirdu

1. inštaliraš koledar: Menu->AddOns->Lightnings->Install

2. inštaliraš Google Provider: Menu->AddOns->Provider for Google Calender->Install... Restart Now
3. Vključevanje koledarja:
 - v “Callenders” klikneš z desno in “New Calenders”
 - On the network -> Next
 - Google Calender -> Next
 - david.rihtarsic@gmail.com + gesla + itd.
 - izbereš koledarje za sync -> Next
 - Finish

Chapter 31

VIM

Instalation

```
sudo apt-get install vim-nox  
sudo apt-get install exuberant-stags
```


Chapter 32

W3M“: ## instalation:

```
apt-get install w3m
```

frendlyUse:

```
v ~/bashrc vpišes: > alias w3mm='w3m www.google.com'
```


Chapter 33

WIRELESS SETUP

```
Wavemon... > sudo apt-get install wavemon
```


Chapter 34

XANMOD KERNEL:

XanMod is a mainline Linux kernel distribution with custom settings. Optimized to take full advantage of high-performance Desktops, PC Gamers, Workstations, Media Centers and others. Supports all recent 64-bit versions of Debian and Ubuntu-based systems.

- ne priporočam, ker potemnisem mogel inštalirati GeForce driverjev...

Tested

based on article tested on Ubuntu MATE (DELA SUPER!): * Firefox prej 10.5 s ... po tem 4.6 s * kopiranje dd (komanda) prej 9MB/s le pri bs=128K * po tem... 9MB/s pri 1K, 4K, 8K, 32K,

Installation

1. <https://xanmod.org/>
2. First install the XanMod Repository Setup
3. manual... > `echo 'deb http://deb.xanmod.org releases main' | sudo tee /etc/apt/sources.list.d/xanmod-kernel.list && wget -qO - http://deb.xanmod.org/gpg.key sudo apt-key add -`
> `sudo apt update && sudo apt install linux-xanmod-4.9`
> `sudo reboot`
> `cat /proc/version` (preveri kernel verzijo:)
4. chane [cfg] disk scheduler:
5. preveri: > `sudo cat /sys/block/sda/queue/scheduler` (kateri so na razpolago)
> `sudo subl /etc/#ault/grub` (edit grub settings)
6. spremeni vrstico: > `GRUB_CMDLINE_LINUX_#AULT="quiet splash"`
> `GRUB_CMDLINE_LINUX_#AULT="quiet splash elevator=bfq"`

7. shrani
8. `sudo update-grub2`
9. `reboot`
10. preveri disk scheduler: `> sudo cat /sys/block/sda/queue/scheduler`
11. install Intel CPU support:
12. ker sem prej dobil error: `W: Possible missing firmware /lib/firmware/rtl_nic/rtl8107e-2`
`for dule r8169` sem namestil še firmware, a mislim, da ni šlo skoz...
`> sudo apt install intel-microcode iucode-tool > sudo reboot`

Chapter 35

XRANDR:

te nastavitve so odvisne od monitorja... ! najprej: `> cvt 1280 1024 60`
1280x1024 59.89 Hz (CVT 1.31M4) hsync: 63.67 kHz; pclk: 109.00 MHz
Modeline "1280x1024_60.00" 109.00 1280 1368 1496 1712 1024 1027 1034 1063
-hsync +vsync
...kopiras kar ti terminal vrže...: `> sudo xrandr --newmode "1280x1024"`
109.00 1280 1368 1496 1712 1024 1027 1034 1063 -hsync +vsync'
dodas v moznosti: `> sudo xrandr --addmode VGA1 1280x1024'`
potem nastavis resolucijo v **MENU -> Settings -> Arandr** ali v termi-
nalu: `> xrandr --output VGA1 --mode 1280x1024 --pos 1366x0`