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ANDROID:

ADB

$$a = \frac{2}{3}$$

na tem mestu bomo zapisali nekaj programov za android program na telefonu. glavno program je **adb** (**a**-ndroid **d**-e-**b**-ugger)... to omogoča, da priključimo telefon na računalnik in se nanj povežemo tako, da delamo na terminalu...

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

BUSYBOX (nujno 4 me:)

splača se inštalirati ta program, ker omogoča razširjen nabor Linux ukazov 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

ARDUINO:

Enable PORT permissions to user

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

and Log Out / Log In

ARCH:

Programi

skripta...

AUTOSTART

to-do...

BACKLIGHT

Včasih je težko krmiliti osvetlitev najlažje je, če dela xbacklight -set 10

če ne: osvetljenost je krmiljena v datoteki:

```
1 /sys/class/backlight/.../brightness
```

in v to datoteko zapišeš število...

```
1 tee brightness <<<100
```

Moral sem spremeniti tudi dovoljenja, saj je po defaultu omogočeno le root-u. Zato v:

```
1 sudo vim /etc/udev/rules.d/backlight.rules
```

dodaš:

```
1 ACTION=="add", SUBSYSTEM=="backlight", KERNEL=="intel_backlight", RUN+=  
  "/bin/chgrp video /sys/class/backlight/%k/brightness"  
2 ACTION=="add", SUBSYSTEM=="backlight", KERNEL=="intel_backlight", RUN+=  
  "/bin/chmod g+w /sys/class/backlight/%k/brightness"
```

keyboard backlight (podobno kot za lcd backlight)

Dolphine

search ne dela... zato sem naložil še FSearch... naloži še Konsol)terminal

BLUETOOTH

```
bluetoothctl scan trust pair
```

povezava

v terminau zaženeš:

```
bluetoothctl bluetooth]# show Controller 74:E5:F9:19:10:2B (public) Name: archlabs Alias: arch-  
labs Class: 0x001e010c Powered: yes Discoverable: no Pairable: yes UUID: Headset AG (00001112-  
0000-1000-8000-00805f9b34fb) UUID: Generic Attribute Profile (00001801-0000-1000-8000-  
00805f9b34fb) UUID: A/V Remote Control (0000110e-0000-1000-8000-00805f9b34fb) UUID:  
OBEX File Transfer (00001106-0000-1000-8000-00805f9b34fb) UUID: Generic Access Profile  
(00001800-0000-1000-8000-00805f9b34fb) UUID: OBEX Object Push (00001105-0000-1000-  
8000-00805f9b34fb) UUID: PnP Information (00001200-0000-1000-8000-00805f9b34fb)  
UUID: A/V Remote Control Target (0000110c-0000-1000-8000-00805f9b34fb) UUID: IrMC Sync  
(00001104-0000-1000-8000-00805f9b34fb) UUID: Audio Source (0000110a-0000-1000-8000-  
00805f9b34fb) UUID: Audio Sink (0000110b-0000-1000-8000-00805f9b34fb) UUID: Vendor  
specific (00005005-0000-1000-8000-0002ee000001) UUID: NAP (00001116-0000-1000-8000-  
00805f9b34fb) UUID: Message Notification Se.. (00001133-0000-1000-8000-00805f9b34fb)  
UUID: Phonebook Access Server (0000112f-0000-1000-8000-00805f9b34fb) UUID: Message  
Access Server (00001132-0000-1000-8000-00805f9b34fb) UUID: Headset (00001108-0000-1000-  
8000-00805f9b34fb) Modalias: usb:v1D6Bp0246d0532 Discovering: no
```

... kot kaže ne išče BT naprav >bluetooth# scan on Discovery started [CHG] Controller 74:E5:F9:19:10:2B
Discovering: yes

```
1 [NEW] Device 13:31:19:07:15:8C Bluetooth Mouse
```

```
ga označiš kot "trusted" in "pair"-aš >bluetooth]# trust 13:31:19:07:15:8C [CHG] Device 13:31:19:07:15:8C  
Trusted: yes Changing 13:31:19:07:15:8C trust succeeded >bluetooth# pair 13:31:19:07:15:8C Attempt-  
ing to pair with 13:31:19:07:15:8C [CHG] Device 13:31:19:07:15:8C Connected: yes [CHG] Device  
13:31:19:07:15:8C Modalias: usb:v05ACp3232d0001 [CHG] Device 13:31:19:07:15:8C UUIDs: 00001124-  
0000-1000-8000-00805f9b34fb [CHG] Device 13:31:19:07:15:8C UUIDs: 00001200-0000-1000-8000-  
00805f9b34fb [CHG] Device 13:31:19:07:15:8C ServicesResolved: yes [CHG] Device 13:31:19:07:15:8C  
Paired: yes Pairing successful
```

DD_IBS_TEST.SH():

test

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

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)

CATFISH:

namestitev

Odličen iskalnik filov... po defaultu naložen.. hm ne vem od kdaj... v Thunar sem imel po defaultu Commnad:

```
1 catfish --fileman=bl-file-manager --hidden --path=%f
```

:) aha ... sem spremenil v :

```
1 catfish --path=%f
```

in dela :) glej gmone-search-tool

CHARACTER MAP:

pregled znakov

Super programček za brskanje znakov

```
1 gucharmap
```

Če uporabimo font "common" je tam veliko primernih znakov kot naprimer:

CONFIG FILES (my)

My all . dotfiles

```
1 find . -type f
```

```
./zshrc ./config/polybar/modules.conf ./config/polybar/config ./config/polybar/launch_polybar.sh
./config/polybar/master.conf ./config/terminator/config ./config/tint2/tint2rc ./config/openbox/rc.xml
./config/i3/LcdBrightnesUP.sh ./config/i3/KbdBrightnesUP.sh ./config/i3/myMonitorSetup.sh
./config/i3/config ./config/i3/LcdBrightnesDOWN.sh ./config/i3/KbdBrightnesDOWN.sh ./config/i3/lcd_backlight.rules
./config/i3/kbd_backlight.rules ./config/conky/dave_s_conky.conkyrc ./config/termite/config
./config/termite/config (copy_original) ./local/share/nemo/actions/PDF_extract.nemo_action
./local/share/nemo/actions/PDF_unite.nemo_action ./local/share/nemo/actions/Office->PDF.nemo_action
```

```
./local/share/nemo/actions/MD->PDF.nemo_action ./local/share/nemo/actions/MD->PDF_bib.nemo_action  
./vimrc ./pandoc/templates/eisvogel.latex
```

DOLPHINE FILE MANAGER

KDE-SERVICES

(ni blo dobr!!) For Arch Linux, edit /etc/pacman.conf and add the following (note that the order of repositories in pacman.conf is important, since pacman always downloads the first found package):

```
1 [home_metakcahura_Arch_Extra]  
2 SigLevel = Never  
3 Server = https://download.opensuse.org/repositories/home:/metakcahura/  
    Arch_Extra/$arch
```

Then run the following as root

```
1 pacman -Syu  
2 pacman -S home_metakcahura_Arch_Extra/kde-services
```

instalation

libkonq-frameworks-git iz link Dela !!! nato še run

```
1 kbuidsyco5
```

datoteke pa so shranjene v: /usr/share/kservices5/ServiceMenus

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`

```
1 [Desktop Entry]
2 Version = Neon 2.0
3 Type = Application
4 Terminal = false
5 Name = eclipse
6 Exec = /usr/bin/eclipse
7 Icon = /opt/eclipse/cpp-neon/eclipse/icon.xpm
8 Categories = Development;
```

Arduino ECLIPSE Plugin**link Instalation**

1. run eclipse c++ with "sudo"
2. Help->eclipse marketplace
3. [x] Solber Arduino IDE
4. next -> "i agree" -> Finish...

EFI MODE:**test**

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]

FEH

program s katerim lahko nastaviš background sliko.. naprimer takol:

```
1 feh --bg-scale Leopard-Wallpapers-HD-Free-Download.jpg
```

FZF:

link ## uporaba Fust FuzZy File Search ... Res dober način za iskanje filov... dve bližnjici: - Ctrl+r => iskanje po zadnjih cmd-jih - Ctrl+t => iskanje po filih naprej po foldru - Tab => označi več filov..

FILEMANAGERs:

Thunar

Všeč mi je filemanager THUNAR:

```
1 sudo apt-get install thunar
```

Nemo

samba mi ni delala naložil sem še: - samba - pacman -S gvfs-smb

nato je delalo...

to je to !!! narejene so tudi skripte za ...

shortcuts:

- - expand all subfolders :)

FILES STRUCTURE

moja struktura

Mogoče da si narediš template za folders Tu bi napisal kako bom uredil file - Files + To-Do(links) + Work
* PeF - Vaje + Modelarstvo + Promet - Habilitacija - Diplome - Članki - Predstavitve * DRTI - Poletne Šole

- Finance - * + Hobi * Linux - BunsenLab - RPi * Dom * Kolesarjenje + Musics + GitHub ## Folder structure
recimo za project ## Programs category 1. System 2. Development 3. Multimedia 4. Office 5. Graphics
6. Internet 7. Accesories 8. Other

FORMAT SD

ukazi

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

1	NAME	MAJ:MIN	RM	SIZE	RO	TYPE	MOUNTPOINT
2	sda	8:0	0	465.8G	0	disk	
3	+--sda1	8:1	0	300M	0	part	/boot/efi
4	+--sda2	8:2	0	600M	0	part	
5	+--sda3	8:3	0	128M	0	part	
6	+--sda4	8:4	0	185.5G	0	part	
7	+--sda5	8:5	0	271.3G	0	part	/
8	+--sda6	8:6	0	7.9G	0	part	[SWAP]

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

```
1 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 -l /dev/sdb

FRITZING

FREECAD

asdf

GIMP

asdf # GITHUB ## LITERATURA: 1. Link

install:

Debian le

```
1 sudo apt-get install git
```

config:

```
1 git config --global user.name "davidrihtarsic"
2 git config --global user.email "david.rihtarsic@gmail.com"
3 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

```
1 git init
```

editing:

na tem mestu spreminjaš FAJL...

```
1 git add .
2 git commit -m "comment"
3 git commit -a -m "comment"
4 git status
5 git diff
```

uploading:

kako da stvar na GitHub... v spremenljivko "origin" spravimo URL projekta


```
1 git remote add origin https://github.com/davidrihtarsic/myZapiski.git
2 git push --origin master
```

updating:

naprimer, da nekdo popravi kodo (recimo ti sam na GitHubu... in nekdo tudi na compu ter naredi commit)

```
1 git commit -a -m "comment"
```

hočeš naložit... novo verzijo in dobiš konflikt s tisto na GitHub-u

```
1 git push origin master
2
3 hint: Updates were rejected because the remote contains work that you
   do
4 hint: not have locally. This is usually caused by another repository
   pushing
5 hint: to the same ref. You may want to first integrate the remote
   changes
6 hint: (e.g., 'git pull ...') before pushing again.
7 hint: See the 'Note about fast-forwards' in 'git push --help' for
   details.
```

potem naredis :

```
1 git pull
```

in če je bil dokument spremenjen na ISTEM mestu (recimo v isti crstici) potem je to v dokumentu označeno z:

```
1 <<<<<<< HEAD
2     #to je novo na compu
3     =====
4     #to je novo na GitHubu
5     #heh nisem si zapisoval
6 >>>>>>> 14d185fbd48d55e9a37d7de3e4d9bde157aa8915
```

če pa je na različnih mestih pa dokument združi preko:

“recursive strategy”...

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

GRAPHIC CARD:

driverji

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:

```
1 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:

```
1 sudo service lightdm stop
```

HIBERNATION (arch)

Kako nastaviš da imaš hibernacijo računaljika... - potrebuješ dovolj swap particije - nasraviš resume - dodaš v grub pod HOOK tudi resume - zbildaš grub **ni delalo!!!!!!** nato je začelo delati... samo ne vem kdaj in kaj sem še naredil... večinoma sem se ukvarjal s pandocom... ampak to nima veze... link (to-do)

i3 WORKSPACE MANAGER

nastavitve

arch i3 navodila

moje bližnjice

1. *Mod* -> za okna/programe
2. +Left/Right -> focus left/right
3. +Shift+1/2/3 -> premakni program na workspace 1/2/3
4. *Mod+Control* -> za workspace
5. +Left/Right -> premakni WS na drug zaslon

6. +r -> RESTART WORKSPACE
7. +l -> reLoad i3 config
8. +v/h -> naslednji program naj se doda Vertikalno/Horizontalno
9. Alt -> za funkcije v programu
10. +Left/Right -> resize left/right
11. +1/2/3/4 -> tab focus
12. +F/E/H -> menu File/Edit/Help

ISO BURN TO USB

terminal cmd

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

More advanced copy with progress

Inštaliran mora biti pv

```
1 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:

```
1 sudo -s
2 pv <NekIsoFile.iso> /dev/sdb
3 857MiB 0:01:05 [13.1MiB/s] [=====>] 100%
4 exit
```

JAVA in FIREFOX BROWSER

1. naložiš java JRE...
2. mkdir ~/.mozilla/plugins
3. cd ~/.mozilla/plugins
4. ln -s /usr/lib/jvm/jre1.8.0_121/lib/amd64/libnjp2.so [tu pride java direktorij kjer je libnjp2.so]
5. restart FireFox
6. v FF vpišeš about:plugins in preveriš če je java podprta...

KEYBOARD SETTINGS:

Settings -> Region&Language -> Input Source for KeyBindings:

Settings for ARCH

```
1 sudo nano /etc/X11/xorg.conf.d/01.keyboard-layout.conf
2
3 Section "InputClass"
4     Identifier "system-keyboard"
5     MatchIsKeyboard "on"
6     Option "XkbLayout" "si"
7 EndSection
```

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 zacetku) > bliznica ll namesto ... > alias ll="ls -aF" > tipki [d] dodelimo znak [/] > xmodmap -e "keycode 35 = slash"

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

LIBREOFFICE:

Instal preko terminala:

```
1 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

How to - Filter duplicated

Ko imamo tabelo:

ime	vpisna	smer
DAvid	123456	Fi-Te
DAvid	123456	Fi-Te
Mija	345678	Ma-Te
Jure	098765	Fi-Ma

1. vključiš filter
2. nato greš v meni [ime v]
 - Standard Filter
 - ime = NotEmpty
 - Options : No Duplicates [ok]

Linus Torvalds

1. get the work done
2. do not let go
3. have passion
4. start small
5. learn trough trail & error
6. embrace your uniques
7. find your motivation
8. be brutally honest
9. create for yourself
10. optimize your working environment

MARKDOWN

Uporaba:

Takole s ">" je označen tekst, ki je nokako označen kot *citata*. Lahko pa ga tudi citiramo^a

^aIn tu je tudi sprotna opomba. Potem nekaj navadnega texta...

z dvema TAB-oma je ločena vsaka vrstica kode. V Sublimu je pobarvana vijolično v pdf-ju pa je v okvirčku z ostevilčinimi vrsticami..

Če poznamo kodo jo lahko poumenujemo: Naprimer: c++ in Python

```
1 #!/usr/bin/env python
2 from Arduino import Arduino
3 import time
4
5 # setup an Arduino-board object
6 ArduinoNano = Arduino()
7
8 # set pin 13 as OUTPUT
9 ArduinoNano.pinMode(13, 'OUTPUT')
10
11 for x in range(1,5):
12     ArduinoNano.digitalWrite(13, 'HIGH')
13     time.sleep(1)
14     ArduinoNano.digitalWrite(13, 'LOW')
15     time.sleep(1)
```

```
1 int test = 0;
2 void loop(){
3     digitalWrite(led_pin, HIGH);
4 }
```

in Python

```
1 s = "Python syntax highlighting"
2 print s
```

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

Live preview

Instalation

```
1 pacman -S npm
2 sudo npm install -g markmon
```

SublimeText3 -> Package Controll -> Install Package : Markmon

run

Ctrl+Shift+p -> Markmon launch

Metadata

```
1 title: "Using Arduino based low-cost DAQ in science teacher training"
2 subtitle: "Sub-Title"
3 author: "David ščRihtari\\\nUniversity of Ljubljana"
4 date: "2018-07-12"
5 # more fonts in: /usr/share/texmf-dist/fonts/opentype
6 # more fonts in: /usr/share/texmf-dist/fonts/truetype
7 mainfont: FiraSans-Regular.otf
8 mainfontoptions: BoldFont=Font-Bold.otf
9 mainfontoptions: ItalicFont=Font-Italic.otf
10 mainfontoptions: BoldItalicFont=Font-BoldItalic.otf
11 fontsize: 10pt
12 geometry: "top=0.9cm, bottom=1.5cm, left=2.0cm, right=2.0cm"
13 header-includes:
14     - \usepackage{setspace}
15     - \singlespacing          #doublespacing
16     - \usepackage{lineno}
17     - \linenumbers
18 numbersections: false
19 classoption: onecolumn
20 documentclass: article      # [article, book, report]
```



```
21 csl: ieee.csl #/home/david/.pandoc/templates/ieee.csl
22 bibliography: [
23   /home/david/Files/Work/PeF/Articles/bibtex_global.bib,
24   bibtex.bib
25 ]
26 lang: en-US      # [sl, en-US, us-GB]
```

LaTeX Commnads

Deluje tudi če napišemo naslednje LaTeX ukaze:

```
1 \tableofcontent
2 \newpage
```

Enačbe

Enačbe lahko pišemo zelo enostavno, tako da celotno enačbo zaviješ v dva dolarja.

$$y = mx + b$$

$$\int_a^b x^2 dx$$

$$y(x) = 2x_a^2 + 1$$

$$\frac{\frac{1}{x} + \frac{1}{y}}{y - z}$$

Več o tem kako se pišejo enačbe lahko preberemo na tej strani: <https://en.wikibooks.org/wiki/LaTeX/Mathematics>.

References (citiranje)

V metadata poleg title, author vpšemo tudi **bibliography**: in dodamo še ime datoteke z BibTex datoteko referenc... in nato tu citiramo v besedilu naprimer Rihtaršič, Avsec, and Kocijancic (2015).

Da tako oblikovano md datoteko spravimo v pdf pa vpšemo naslednji ukaz:

```
1 pandoc -o test.pdf --from markdown --template eisvogel --listings --pdf
  -engine=xelatex myLinuxNotes.md --filter pandoc-citeproc
```

in to je to.

Možnosti citiranja

Poskusimo še tri načine citiranja. Če želimo citirati tako kot to počnemo običajno na koncu neke smiselne povedi to naredimo tako da v oglate oklepaje napišemo ime reference. Naprimer citat se izpiše takole **(Rihtaršič, Avsec, and Kocijancic 2015)** v besedilo pa ga vnesemo takole:

```
1  [@Rihti2015]
```

Če pa želimo citirati tako, da se v besedilu navezujemo na avtorje, naprimer da nekateri avtorji kot **Rihtaršič, Avsec, and Kocijancic (2015)** svetujejo to in ono... pa naredimo le takole:

```
1  @Rihti2015
```

Poleg teh dveh citiranj lahko citiramo tudi brez priimkov avtorjev naprimer tam, kjer jih moramo sklanjati ali kako drugače opredeliti, da so prav ti omenjeni avtorji sodelovali dlje časa z Rihtaršičem **(2015)**. To pa naredimo takole:

```
1  -@Rihti2015
```

DOI to BibTex

Ko iščemo vire imamo pogosto možnost oznake DOI (angl.: **D**igital **O**bject **I**dentifyer). Če želimo iz te oznake še ostale podatke o viru jih lahko dobimo preko te strani: <https://www.doi2bib.org/>. Tako podatke lahko shranimo v orimerno oblikovano besedilo, da ga lahko uporabimo v zgornji funkcionalnosti.

```
1  @article{Rihti2015,
2    doi = {10.1007/s10798-015-9310-7},
3    url = {https://doi.org/10.1007/s10798-015-9310-7},
4    year = {2015},
5    month = {may},
6    publisher = {Springer Nature},
7    volume = {26},
8    number = {2},
9    pages = {205--224},
10   author = {David Rihtar{\v{s}}i{\v{c}} and Stanislav Avsec and Slavko
              Kocijancic},
11   title = {Experiential learning of electronics subject matter in
              middle school robotics courses},
```

```
12 journal = {International Journal of Technology and Design Education}
13 }
```

MERGE PDF DOCUMENTS

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

MUSIC TAGGING (audi tags)

V terminalu lahko uporabljamo: *beets*:

```
1 beet import ~/Music/BigFoodMama/
```

in nato beet poišče v bazah iz spleta kateri album, izvajalec naslov pesmi...

NEMO

File browser

Script

You can add yours scripts... Script must be added to:

```
1 ~/.local/share/nemo/actions
```

Script example:

Shortcuts

Key combo	Action
A+Home	go to HOME dir

PACMAN

Program za pakete = PACkage MANager. Ena varianta je, da uporabiš: PACLI programček v terminalu...

pacman -S paket

```
namesti paket
```

ERRORS

failed to... > odstraniš paket, ki ti ga javi in probaš še enkrat...

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. # PDF MERGE/SPLIT pdfunite source1.pdf source2.pdf out.pdf

```
pdftk source.pbf burst pdftk source.pbf 4 just-4th-page.pdf
```

PATCH

Za naredit patch uporabiš:

```
diff -u standard.file my-new.file > patch.diff
```

Za izvršit patch na stari datoteki pa narediš:

```
patch < patch.diff
```

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/m3jnlqsqshjhh5lbvg05k46q1k4qtrgn.apps.googleusercontent.com%26top_level_cookie%3D1%26from_login%3D1 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

POWERTOP

Program za zmanjševanje porabe el. energije laptopa...

Running

```
1 sudo powertop --auto-tune
```

To-do

da se program sam zažene...

PRELOAD (daemon service)

preload is a program written by Behdad Esfahbod which runs as a daemon and records statistics about usage of programs using Markov chains; files of more frequently-used programs are, during a computer's spare time, loaded into memory. This results in faster startup times as less data needs to be fetched from disk.

Running

```
1 __systemctl start preload.service__  
2 systemctl enable preload.service
```

Config

```
1 /etc/preload.conf
```

To-do

da se sam zažene ob zagonu

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:

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

PRINT SCREEN = DARK

Kaj pa vem ...?

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

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 naložit 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`

SCAN

simple scan

v terminalu pa lahko : inštaliraš SANE

SOUNDON:

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

```
1      '00:1b.0 Audio device: Intel Corporation 7 Series/C210 Series Chipset
      Family High Definition Audio Controller (rev 04)'
```

2. `apt-get install libasound2 alsa-utils alsa-oss`
3. alsamixer: in od "mutiraš" kanale, ki so zamutani Druga rešitev (ali celo dopolnitev):
 - je, da v terminal napišeš: `pulseaudio -D`
 - secer napiše, da ni mišljeno, da bi bil zagnan kot root ampak Ok... po tem dela tudi: `Settings>Sound`

SUBLIME TEXT 3

Install:

Greš na njihovo stran in snameš dol pravo verzijo (Ubuntu 64) nato pa v terminalu zaženeš:

```
1  cd Downloads
2  dpkg -i Sublime...64.deb
```


Nastavitve - Key Bindings

Da imam kompatibilnost z ostalimi programi si nastavim še KeyBindings veliko command najdemo tule:link

1. -> Preferences -> KeyBindings
2. v "User" pastneš tole:

```
1  [
2
3  { "keys": ["ctrl+e"],      "command": "toggle_side_bar" },
4  { "keys": ["ctrl+t"],      "command": "new_file" },
5  { "keys": ["ctrl+shift+c"], "command": "git_quick_commit" },
6  { "keys": ["ctrl+shift+u"], "command": "git_push_current_branch" },
7  { "keys": ["ctrl+shift+d"], "command": "git_pull_current_branch" },
8  { "keys": ["ctrl+alt+s"],   "command": "pandown_build",
9      "args":{
10         "pandoc_from": "markdown",
11         "pandoc_to": ["latex", ".pdf"],
12         "prevent_viewing": true
13     }
14 },
15 { "keys": ["ctrl+alt+i"], "command": "insert",
16     "args": {
17         "characters": "[caption\\label{slika}](link)"
18     }
19 },
20 { "keys": ["ctrl+alt+e"],   "command": "insert",
21     "args": {
22         "characters": "$$Y=kX+n$$ {#eq:linearna-f}"
23     }
24 },
25 { "keys": ["f10"],         "command": "citer_show_keys"},
26 { "keys": ["ctrl+alt+t"],   "command": "shell_command",
27     "args": {
28         "command": "~/Files/GitHub_noSync/ArchLabs/
29             MyDotFiles/timesheetNotes.sh",
30         "target": "point"
31     }
32 },
33 { "keys": ["ctrl+alt+d"],   "command": "shell_command",
34     "args": {
35         "command": "date +%F",
```

```
35         "target": "point"
36     },
37 },
38 { "keys": ["ctrl+alt+h"], "command": "shell_command",
39     "args": {
40         "command": "date +%R",
41         "target": "point"
42     }
43 },
44 { "keys": ["ctrl+alt+m"], "command": "insert",
45     "args": {
46         "characters": "---\n title: 'Naslov'\n author: [dr.
47             David ščRihtari]\n date: \n tags: [tag1,tag2]\n
48             bibliography: bibtex.bib\n ---"
49     }
50 },
51 { "keys": ["ctrl+enter"], "command": "shell_command",
52     "args": {
53         //"prompt": "Enter a command",
54         "title": "My Command",
55         "target": "point"
56     }
57 }
```

Package Controll:

Paket za koristne funkcionalnosti:

install Package Controll: 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

Emmet

Emmet //completeing the code

AllAutoComplete

complete any word from opened files

dodas v Preferences -> Settings:

```
"auto_complete_selector": "source, text", "auto_complete_commit_on_tab": true,
```

DoxyDoxygen

komentiranje funkcij [Alt]+[Q]

SideBarEnhacement

more functionality in side bar

GitGutter

kaže kaj si na novo naredil v primerjavi s fajlom na GitHubu

Git

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

automatic uploading in Sublime

v .git/config zamenjaš namesto:

```
1 [remote "origin"]
2 url = https://github.com/davidrihtarsic/BunsenLab.git
3 fetch = +refs/heads/*:refs/remotes/origin/*
```

v

```
1 [remote "origin"]
2 url = https://davidrihtarsic:rihtarsicda888@github.com/davidrihtarsic/
   BunsenLab.git
3 fetch = +refs/heads/*:refs/remotes/origin/*
```

nastavitve

The detail step

1. go to your local git project directory, [open][.git/config] file and
2. edit: https://{username}:{password}{???}/{username}/{project}.git
3. input git push to check if it works.

jaz sem moral prej še spedenat v terminalu

```
1 git commit -a -m "sublime pedenanje"
2 git push č(e je kak error prej še git pull... in špopravi 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... 2. Install Package: *Monokai extended* 3. Preferences -> Color Scheme -> Monokail Extended -> Monokail Extended 4. Install Package: *Markdown Editing* 5. Set doc. syntax = Monokai Extended 6. Preferences -> Package settings -> Markdown Editing -> Markdown Settings (standard) - User:

```
1 {
2   "color_scheme": "Packages/Monokai Extended/Monokai Extended.tmTheme"
3   ,
4   "tab_size": 2,
5   "line_numbers": true,
6   // Layout
7   "draw_centered": false,
8   "wrap_width": 0,
9   "rulers": []
```

```
9 }
```

Citer

link Shraniti moraš projet in potem išče po vseh filit v projetku zapise z bibliography

Preferences -> Package Controll -> Citer -> Settings - default:

```
1 ...
2 "bibtex_file_path": "/home/david/Files/Work/PeF/Articles/bibtex_global.
  bib",
3 ...
```

CiteBibtex

```
1 {
2   "bibtex_file": "bibtex.bib",
3   "bibtex_file_encoding": "utf-8",
4   "default_citation_style": "pandoc",
5   "autodetect_citation_style": true,
6   "additional_search_fields": [],
7   "autodetect_syntaxes": {"LaTeX": "latex",
8                           "LaTeX Beamer": "latex",
9                           "LaTeX Memoir": "latex",
10                          "Markdown": "pandoc",
11                          "MultiMarkdown": "pandoc",
12                          "Markdown GFM": "pandoc",
13                          "AcademicMarkdown": "pandoc"},
14   "styles": {"pandoc": "@$CITATION",
15             "latex": "\\citep{$CITATION}"},
16   "citation_format_string": "{author} ({year}). {title}"
17 }
```

LiveReload

MarkdownPreview

Pandown (SublimeText3 Plugin)

V Preferences -> Package settings -> Pandown -> Settings -user:

```
1 {
2   "pandoc_arguments":
3   {
4     "command_arguments":
5     {
6       "template": "eisvogel",
7       "variables":
8       {
9         "lang": "sl"
10      },
11     "filter":
12     [
13       "pandoc-eqnos",
14       "pandoc-crossref"
15     ],
16     "listings": true,
17     "incremental": false,
18     "latex-engine": "",
19     "bibliography":
20     [
21       "bibtex.bib",
22       "/home/david/Files/Work/PeF/Articles/bibtex_global.bib"
23     ]
24   }
25 }
26 }
```

LaTeX:

namestis paket preko: C+S+p -> **Install Packages** LaTeXTools OK, prej moras namestiti dodatne pakete..:

```
1 sudo apt-get : "t install texlive-full
2 sudo apt-get install latexmk
3 sudo apt-get install biber
```

LaTeX:

Našel sem, da lahko iz Markdown datoteke naredis pdf tako, da uporabim *pandoc*. S tem programom lahko spremeniš tudi v druge formate WORD... Ampak moraš inštalirat še LaTeX podporo...

```
1 texlive-full
```

program zasede full okoli 2GB zato inštaliraš raje

```
1 texlive
```

PanDoc

Install (ARCH=x86_64):

```
1 yaourt pandoc 2.0.6.11
```

nato pa še packages:

```
1 sudo apt-get install texlive-latex-extra
2 __sudo apt-get install texlive-fimts-extra__
```

oba paketa sem inštaliral preko SynapticPackageManager, ker je preveč dependenciesov... **CMD:**

```
1 pandoc -o test.pdf --from markdown --template eisvogel --listings
  myLinuxNotes.md
```

TEMPLATE GENERATOR_

da narediš template v terminal vpišeš:

```
1 pandoc -D latex
```

(objavil je Luck Schmit)

Spell Checker:

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

```
1 wget https://github.com/titoBouzout/Dictionaries/archive/master.zip
2 //then unz
3 unzip..
```

ali ... 1. Download the language file from the appropriate OpenOffice extension 2. Rename the "some.oxt" 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 na-mestitev: C+S+p -> Install Packages Google Spell Check

SYSTEMD

Program skrbi za zagon UNIT-ov ali procesov oz. v linuxu se jim reče *daemon*.

uporaba

```
1 systemctl enable UNIT.service --> zagon servisa tudi ob restartu
2 systemctl start UNIT.service --> zagon servisa za ta sesion
3 systemctl stop UNIT.service --> izkljuci servis
4 systemctl restart UNIT.service --> ponovni zagon servisa za ta sesion
5
6 systemctl status -l UNIT.service --> nekaj čve podatkov o UNITU
```

log file

če je kak error na začetku ga lahko pogledaš z:

```
1 journalctl -b
2 journalctl -f - za sprotno gledanje kaj gre narobe...
```

system run

```
1 systemctl
2 - hibernate
3 - suspend
```


STATISTICS(PYTHON&PANDAS)

<https://github.com/justmarkham/pandas-videos>

Importing Data

```
1 pd.read_csv(filename) | From a CSV file
2 pd.read_table(filename) | From a delimited text file (like TSV)
3 pd.read_excel(filename) | From an Excel file
4 pd.read_sql(query, connection_object) | Read from a SQL table/database
5 pd.read_json(json_string) | Read from a JSON formatted string, URL or
  file.
6 pd.read_html(url) | Parses an html URL, string or file and extracts
  tables to a list of dataframes
7 pd.read_clipboard() | Takes the contents of your clipboard and passes
  it to read_table()
8 pd.DataFrame(dict) | From a dict, keys for columns names, values for
  data as lists
```

Exporting Data

```
1 df.to_csv(filename) | Write to a CSV file
2 df.to_excel(filename) | Write to an Excel file
3 df.to_sql(table_name, connection_object) | Write to a SQL table
4 df.to_json(filename) | Write to a file in JSON format
```

Create Test Objects

Useful for testing code segments

```
1 pd.DataFrame(np.random.rand(20,5)) | 5 columns and 20 rows of random
  floats
2 pd.Series(my_list) | Create a series from an iterable my_list
3 df.index = pd.date_range('1900/1/30', periods=df.shape[0]) | Add a date
  index
```

Viewing/Inspecting Data

```
1 df.head(n) | First n rows of the DataFrame
2 df.tail(n) | Last n rows of the DataFrame
3 df.shape() | Number of rows and columns
4 df.info() | Index, Datatype and Memory information
5 df.describe() | Summary statistics for numerical columns
6 s.value_counts(dropna=False) | View unique values and counts
7 df.apply(pd.Series.value_counts) | Unique values and counts for all
   columns
```

Selection

df[col] | Returns column with label col as Series df[[col1, col2]] | Returns columns as a new DataFrame
s.iloc[0] | Selection by position s.loc["index_one"] | Selection by index df.iloc[0,:] | First row df.iloc[0,0]
| First element of first column

Data Cleaning

```
1 df.columns = ['a','b','c'] | Rename columns
2 pd.isnull() | Checks for null Values, Returns Boolean Array
3 pd.notnull() | Opposite of pd.isnull()
4 df.dropna() | Drop all rows that contain null values
5 df.dropna(axis=1) | Drop all columns that contain null values
6 df.dropna(axis=1,thresh=n) | Drop all rows have have less than n non
   null values
7 df.fillna(x) | Replace all null values with x
8 s.fillna(s.mean()) | Replace all null values with the mean (mean can be
   replaced with almost any function from the statistics section)
9 s.astype(float) | Convert the datatype of the series to float
10 s.replace(1,'one') | Replace all values equal to 1 with 'one'
11 s.replace([1,3],['one','three']) | Replace all 1 with 'one' and 3 with
   'three'
12 df.rename(columns=lambda x: x + 1) | Mass renaming of columns
13 df.rename(columns={'old_name': 'new_name'}) | Selective renaming
14 df.set_index('column_one') | Change the index
15 df.rename(index=lambda x: x + 1) | Mass renaming of index
```

Filter, Sort, and Groupby

```
1 df[df[col] > 0.5] | Rows where the column col is greater than 0.5
2 df[(df[col] > 0.5) & (df[col] < 0.7)] | Rows where 0.7 > col > 0.5
3 df.sort_values(col1) | Sort values by col1 in ascending order
4 df.sort_values(col2,ascending=False) | Sort values by col2 in
  descending order
5 df.sort_values([col1,col2],ascending=[True,False]) | Sort values by
  col1 in ascending order then col2 in descending order
6 df.groupby(col) | Returns a groupby object for values from one column
7 df.groupby([col1,col2]) | Returns groupby object for values from
  multiple columns
8 df.groupby(col1)[col2] | Returns the mean of the values in col2,
  grouped by the values in col1 (mean can be replaced with almost any
  function from the statistics section)
9 df.pivot_table(index=col1,values=[col2,col3],aggfunc=mean) | Create a
  pivot table that groups by col1 and calculates the mean of col2 and
  col3
10 df.groupby(col1).agg(np.mean) | Find the average across all columns for
  every unique col1 group
11 df.apply(np.mean) | Apply the function np.mean() across each column
12 nf.apply(np.max,axis=1) | Apply the function np.max() across each row
```

Join/Combine

```
1 df1.append(df2) | Add the rows in df1 to the end of df2 (columns should
  be identical)
2 pd.concat([df1, df2],axis=1) | Add the columns in df1 to the end of df2
  (rows should be identical)
3 df1.join(df2,on=col1,how='inner') | SQL-style join the columns in df1
  with the columns on df2 where the rows for col have identical
  values. how can be one of 'left', 'right', 'outer', 'inner'
```

Statistics

```
1 These can all be applied to a series as well.
2
3 df.describe() | Summary statistics for numerical columns
4 df.mean() | Returns the mean of all columns
```

```
5 df.corr() | Returns the correlation between columns in a DataFrame
6 df.count() | Returns the number of non-null values in each DataFrame
  column
7 df.max() | Returns the highest value in each column
8 df.min() | Returns the lowest value in each column
9 df.median() | Returns the median of each column
10 df.std() | Returns the standard deviation of each column
```

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
da-
toteke
v .sc,
.txt
in
.xlsx

#
TAB_CLICK:
```

```
Da  
vkl-  
njučiš  
Tab-  
CLICK  
greš  
v: 1.  
set-  
tings  
2.  
mouse  
3. in  
nato  
:  
Tab-  
CLICK  
= ON  
Videl  
sem  
tudi,  
da  
prob-  
lem  
reši  
tudi:  
>  
syn-  
client  
tap-  
but-  
ton1  
= 1
```

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

Section
"In-
put-
Class"
Iden-
tifier
"Touch-
pad"
re-
quired
MatchIs-
Touch-
pad
"yes"
re-
quired
Driver
"synap-
tics"
re-
quired
Op-
tion
"Min-
Speed"
"0.5"
Op-
tion
"MaxSpeed"
"1.0"
Op-
tion
"Ac-
celFac-
tor"
"0.075"
Op-
tion
"Tap-
But-
ton1"
"1"
Op-
tion

```
#  
TEAMVIEWER  
pres-  
names  
teamviewer  
i386  
(ce-  
tudi  
imas  
64-  
bitni  
comp.)  
v ter-  
mi-  
nalu>  
+  
sudo  
dpkg  
-  
add-  
architecture  
i386  
+  
sudo  
apt-  
get  
up-  
date  
+  
sudo  
dpkg  
-i  
teamviewer_****_i386.deb  
+  
sudo  
apt-  
get -f  
install
```

```
#
TEX-
MAKER
1.
Spell
Checker:
[download][http://extensions.services.openoffice.org/en/project/slo-
dictionary-
package-
slovenski-
paket-
slovarjev]
2.
un-
zip
pac-
sl.oxt
3. in
prekopi-
raš
da-
toteko
sl-
SI.dic
v
Sub-
lime
paketi
di-
rek-
torij
(Preferences-
>Browse
pack-
ages)
4.
nato
nas-
taviš
jezik
:
View-
>Dictionary-
>si-
```

THUN-
DER-
BIRD()
inš-
ta-
lacija
je
čisto
re-
prosta:
>
apt-
get
in-
stall
thunderbird

```
ali  
če ni  
apt  
paketa:  
1.  
greš  
na  
nji-  
hovo  
stran  
in  
pres-  
nameš  
da-  
toteko  
thun-  
der-  
bird.tar.db2  
2.  
ex-  
trahi-  
raš v  
/op-  
t/thun-  
der-  
bird  
3.  
pre-  
veriš  
če  
dela:  
./thun-  
der-  
bird  
4.  
nas-  
taviš  
privi-  
legije  
(če  
je  
potrebno):
```

```
>
sudo
chown
-R
root:root
/opt/hunderbird
5. in
linkaš
exe
skript:
>
sudo
ln -fs
/op-
t/thun-
der-
bird/thun-
der-
bird
/usr/bin/hunderbird
```

```
##  
Nas-  
tavitev  
Thun-  
der-  
birda  
za  
PeF -  
Your  
name:  
David  
Ri-  
htar-  
sic -  
Email  
add:  
david.rihtarsic@pef.uni-  
lj.si -  
Pass-  
word:  
Work-  
mei-  
kabinet  
- In-  
com-  
ing:  
IMAP  
+  
server:  
imap.uni-  
lj.si +  
port:  
993  
+  
SSL:  
SS-  
L/TLS  
+ Au-  
then-  
tica-  
tion:  
NMLT  
- Out-  
go-
```

Google
Koledar
v
Thun-
der-
birdu
1. in-
štali-
raš
koledar:
Menu-
>AddOns-
>Lightnings-
>Install
2. in-
štali-
raš
Google
Provider:
Menu-
>AddOns-
>Provider
for
Google
Calender-
>Install...
Restart
Now
3.
Vključe-
vanje
koledarja:
- v
"Cal-
len-
ders"
klikneš
z

Para-
graph
space
Da
ne
pušča
pre-
več
pros-
tora
med
posamezn-
imi
odstavki,
je
potrebno
nas-
taviti:

-

Menu
[=] ->
Pref-
er-
ences

->

Com-
posi-
tion :
+ []

Use
Para-
graph
for-
mat
in-
stead
of
Body

```
# TO-  
DO [  
]  
Make  
.con-  
fig  
files  
->  
backup  
to  
Git-  
>MyDotFiles  
+  
skript  
v  
~/.config/i3  
+  
key-  
bind-  
ing v  
i3/config  
+ ali  
pa  
nare-  
dis  
linke  
za  
vse  
file,  
ki so  
v  
GitHub_noSyncGit/MyDotFiles/.config  
*  
backup  
ob-  
sto-  
jecih  
in *  
linke  
filov  
*  
nato  
pa  
editi-
```

```
#
VIM
##
Instalation

sudo
apt-
get
in-
stall
vim-
nox

###
in-
stall
Vun-
dle -
Plu-
gin
Manger

Run
v
terminalu:

git
clone
https://github.com/VundleVim/Vundle.vim.git
~/.vim/bundle/Vundle.vim

V
~/.vimrc
na
vrhu
vpiš:
```

```
set  
no-  
com-  
pati-  
ble  
file-  
type  
off  
set  
rtp+=~/vim/bundle/Vundle.vim  
call  
vundle#begin()
```

```
Plugin  
"Vundle-  
Vim/Vun-  
dle.vim"  
Plu-  
gin  
"ma-  
jut-  
sushi/-  
tag-  
bar"  
" za  
delo-  
vanje  
moraš  
inš-  
tali-  
rati  
še: "  
exuberant-  
stags
```

```
call  
vun-  
dle#end()  
" re-  
quired  
file-  
type  
plu-  
gin  
in-  
dent  
on "  
required
```

```
##  
In-  
sta-  
la-  
tion  
Plug-  
ins  
from  
terminal
```

```
yaourt  
-S  
vim-  
tagbar  
##  
In-  
sta-  
la-  
tion  
of  
FZF  
Su-  
per  
stvar  
:  
fuzzy  
file  
search!
```

```
1.  
Na-  
jprej  
pustiš,  
da  
vim  
nainštelira  
plu-  
gin:  
june-  
gun-  
n/fzf  
2.  
Nato  
poženeš:  
~/.vim/bundle/fzf/install
```

3. in
ponovno
za-
ženeš
ter-
mi-
nal
in
vim.

Plugin
uporabl-
jaš
tako,
da : -
Ctrl+T
=> za
iskanje
filov
-
Ctrl+R
=> za
iskanje
kom-
mand
v
terminalu..

Če
že-
limo,
da
lahko
iščemo
še
po
skri-
tih
doku-
men-
tih
moramo
v
.zshrc
vpisati:

```
export
FZF_DEFAULT_COMMAND="find
.
-type
f -
print
-o
-type
l -
print"
ex-
port
FZF_CTRL_T_COMMAND="find
.
-type
f -
print
-o
-type
l -
print"
##
References
```

How
to
fold -
fold-
ing
je
izredno
počasen...
(to-
do) -
zato
raje
uporabl-
jam
kar
TOC
za
mark-
down

Spell
check-
ing
:set
spell
spel-
lang=sl
:set
nospell

SHORTCUTS:

z=

pred-

log

za

pravilno

črko-

vano

besedo

]s

nasled-

nja

na-

pačno

črko-

vana

beseda

več

o

spell

```
##  
Short-  
cuts  
|  
Short-  
cuts  
| be-  
haviour  
|  
|---  
--  
-|-  
--  
--|  
| hjkl  
| re-  
size  
win-  
dow  
||u|  
up-  
rate  
.vimrc  
|
```

Fold-
ing *
zm -
fold-
More
* zz -
Fold
tree
tog-
gle *
zi -
not/-
Fold-
able
* zo -
open
* za -

```
#  
VIR-  
TU-  
AL-  
BOX  
##In-  
sta-  
la-  
tion:  
pac-  
man  
-S  
virtu-  
al-  
box  
pac-  
man  
-S  
pac-  
man  
-S  
virtualbox-  
host-  
dkms  
sudo  
mod-  
probe  
vboxdrv  
  
#  
W3M  
##  
instalation:
```

```
apt-  
get  
in-  
stall  
w3m  
##  
frend-  
lyUse:  
v  
~/bashrc  
vpišeš:  
>  
alias  
w3mm="w3m  
www.google.com"  
#  
WIRE-  
LESS  
SETUP  
Wave-  
mon...  
>  
sudo  
apt-  
get  
in-  
stall  
wavemon
```

```
##  
wifi  
drop  
Slaba  
ko-  
mu-  
nikacija  
ali  
slab  
wifi  
sig-  
nal...  
Zgodilo  
se je,  
da  
se je  
WIFI  
večkrat  
izgu-  
bil in  
je  
linija  
"padla  
dol"  
mis-  
lim,  
da je  
po-  
ma-  
galo,  
da  
naložiš  
mod-  
ule  
z:
```

modprobe

iwl-

wifi

11n_disable=1

swcrypto=1

ali

pa

narediš

to

bolj

za

zmerej

tako,

da

naredip

file:

#/etc/modprobe.d/iwlwifi.conf

op-

tions

iwl-

wifi

11n_disable=1

swcrypto=1


```
#  
YAOURT  
To je  
pro-  
gram  
za  
ARCH  
za  
na-  
mestitev  
pake-  
tov...  
ni da  
ni! -  
če  
vemo  
natančno  
ime  
lahko  
samo  
yaourt  
-S -  
noconfirm  
#-  
XANMOD-  
KERNEL:  
-  
XanMod-  
is-a-  
mainline-  
Linux-  
kernel-  
distribution-  
with-  
custom-  
settings.  
-  
Optimized-  
to-  
take-  
full-  
advantage-  
of-  
high-
```

--

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-
```

Rihtaršič, David, Stanislav Avsec, and Slavko Kocijancic. 2015. "Experiential Learning of Electronics Subject Matter in Middle School Robotics Courses." *International Journal of Technology and Design Education* 26 (2). Springer Nature: 205–24. <https://doi.org/10.1007/s10798-015-9310-7>.