



Linux

LEONARD BUNEA &
KONRAD GUNTENDORFER

FEBRUAR 22, 2022

1 Inhaltsverzeichnis

1	Inhaltsverzeichnis.....	1
2	ODF Datei.....	2
3	Snapshots.....	3
4	Weitere LibreOffice Apps.....	4
5	System Monitor	4
6	Thunderbird E-Mail	5
6.1	Einstellungen	5
6.2	POP3 / IMAP.....	5
6.3	E-Mail senden.....	6
7	Cowsay und Figlet.....	6
7.1	Installieren.....	6
7.2	Testen.....	7
7.3	Deinstallieren.....	8
8	Codeblocks	9
9	C-Programm	9
10	Acrobat Reader.....	9
11	Gimp installieren.....	10
12	Gimp Logo	11
13	IDEA Community	12
14	Weitere Programme.....	13
15	Abbildungsverzeichnis.....	15

2 ODF Datei

Die Datei 2021_SYT2_BSCA_Linux_UE3_Bunea.odt wurde mit LibreOffice Writer erstellt.

In Writer → File → Save as

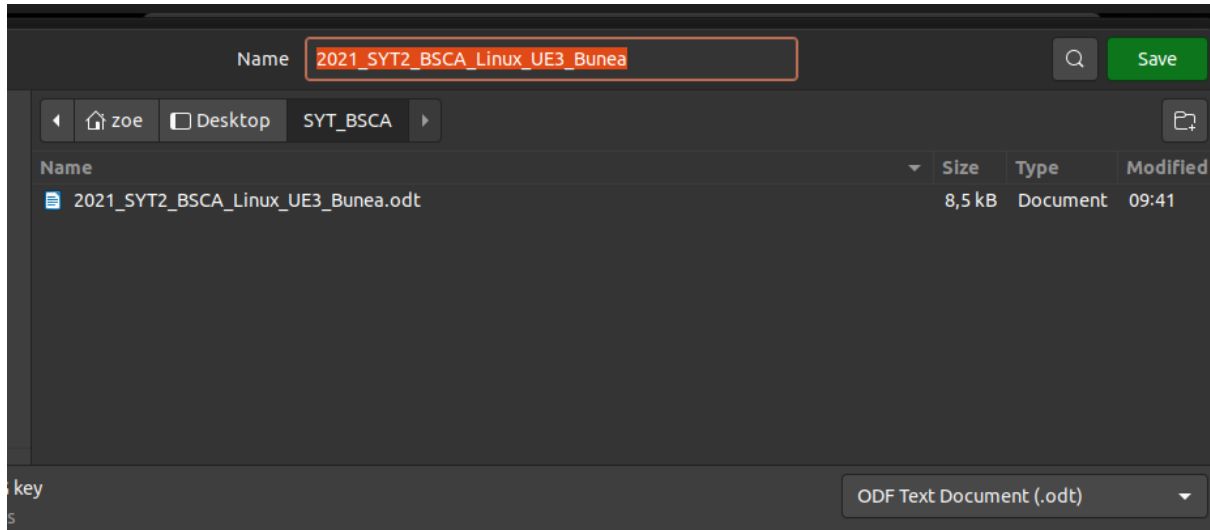


Abbildung 1: ODF Datei erstellen

3 Snapshots

Screenshots werden im /Pictures Ordner gespeichert.



Abbildung 2: Seite 1 von Applications



Abbildung 3: Seite 2 von Applications

4 Weitere LibreOffice Apps

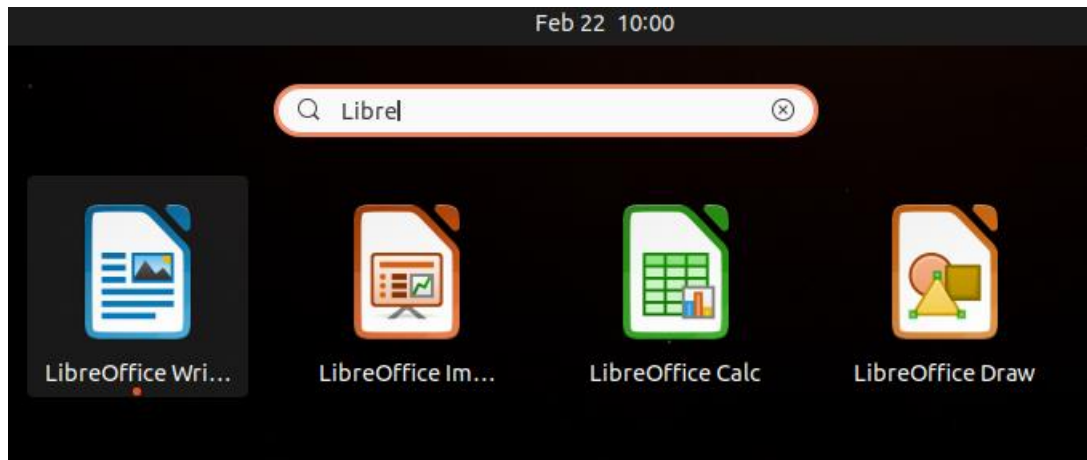


Abbildung 4: LibreOffice Apps

Weitere LibreOffice Apps sind:

- Impress → Präsentationen kreieren
- Calc → Tabellenprogramm wie Excel
- Draw → Vektor-Graphik Programm

5 System Monitor

Der Task Manager von Linux heißt „System Monitor“.

sudoku	koko	0	4883	108.0 KiB	228.0 KiB	N/A	N/A	N/A Normal
--------	------	---	------	-----------	-----------	-----	-----	------------

Abbildung 5: Sudoku Programm im System Monitor

Um ein Programm zu beenden → auf dem laufenden Prozess klicken und auf dem „End Process“ Button drücken.

6 Thunderbird E-Mail

6.1 Einstellungen

The screenshot shows the 'Manual configuration' window in Thunderbird. It is divided into two sections: 'INCOMING SERVER' and 'OUTGOING SERVER'. The 'INCOMING SERVER' section has the following settings: Protocol: IMAP, Hostname: imap.gmail.com, Port: 993, Connection security: SSL/TLS, Authentication method: Normal password, and Username: leonard-adrian.bunea@sz-ybb. The 'OUTGOING SERVER' section has the following settings: Hostname: smtp.gmail.com, Port: 465, Connection security: Autodetect, Authentication method: Autodetect, and Username: leonard-adrian.bunea@sz-ybb. At the bottom right of the window, there is a link for 'Advanced config'.

Manual configuration	
INCOMING SERVER	
Protocol:	IMAP
Hostname:	imap.gmail.com
Port:	993
Connection security:	SSL/TLS
Authentication method:	Normal password
Username:	leonard-adrian.bunea@sz-ybb
OUTGOING SERVER	
Hostname:	smtp.gmail.com
Port:	465
Connection security:	Autodetect
Authentication method:	Autodetect
Username:	leonard-adrian.bunea@sz-ybb
Advanced config	

Abbildung 6: Thunderbird manuelle konfiguration

6.2 POP3 / IMAP

Wenn man POP3 (Post Office Protocol) verwendet wird die E-Mail nach dem Öffnen vom Server gelöscht und auf deinem Device gespeichert.

Mit IMAP (Internet Message Access Protocol) bleibt die E-Mail am Server.

6.3 E-Mail senden

Da wir IMAP verwenden taucht die E-Mail überall auf, weil sie immer vom Server verfügbar sind.

7 Cowsay und Figlet

7.1 Installieren

```
koko@ubuntu:~$ sudo apt install figlet
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
  figlet
0 upgraded, 1 newly installed, 0 to remove and 91 not upgraded.
Need to get 0 B/133 kB of archives.
After this operation, 752 kB of additional disk space will be used.
Selecting previously unselected package figlet.
(Reading database ... 157799 files and directories currently installed.)
Preparing to unpack ../figlet_2.2.5-3_amd64.deb ...
Unpacking figlet (2.2.5-3) ...
Setting up figlet (2.2.5-3) ...
update-alternatives: using /usr/bin/figlet-figlet to provide /usr/bin/figlet (figlet) in auto mode
Processing triggers for man-db (2.9.1-1) ...
koko@ubuntu:~$
```

Abbildung 8: figlet installieren

```
koko@ubuntu:~$ sudo apt install cowsay
Reading package lists... Done
Building dependency tree
Reading state information... Done
Suggested packages:
  filters cowsay-off
The following NEW packages will be installed:
  cowsay
0 upgraded, 1 newly installed, 0 to remove and 91 not upgraded.
Need to get 0 B/18.5 kB of archives.
After this operation, 93.2 kB of additional disk space will be used.
Selecting previously unselected package cowsay.
(Reading database ... 157813 files and directories currently installed.)
Preparing to unpack ../cowsay_3.03+dfsg2-7_all.deb ...
Unpacking cowsay (3.03+dfsg2-7) ...
Setting up cowsay (3.03+dfsg2-7) ...
Processing triggers for man-db (2.9.1-1) ...
koko@ubuntu:~$
```

Abbildung 7: cowsay installieren

7.2 Testen

```
koko@ubuntu:~$ figlet Guntendorfer Konrad

  Guntendorfer
  Konrad

koko@ubuntu:~$
```

Abbildung 9: figlet

```
koko@ubuntu:~$ cowsay Guntendorfer Konrad

  _____
< Guntendorfer Konrad >
  -----
      \   ^__^
       (oo)\_______
            (_____)
               ||----w |
               ||     ||

koko@ubuntu:~$
```

Abbildung 10: cowsay

7.3 Deinstallieren

```
koko@ubuntu:~$ sudo apt remove figlet
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages will be REMOVED:
  figlet
0 upgraded, 0 newly installed, 1 to remove and 91 not upgraded.
After this operation, 752 kB disk space will be freed.
Do you want to continue? [Y/n] y
(Reading database ... 157873 files and directories currently installed.)
Removing figlet (2.2.5-3) ...
Processing triggers for man-db (2.9.1-1) ...
```

Abbildung 11: figlet deinstallieren

```
koko@ubuntu:~$ sudo apt remove cowsay
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages will be REMOVED:
  cowsay
0 upgraded, 0 newly installed, 1 to remove and 91 not upgraded.
After this operation, 93.2 kB disk space will be freed.
Do you want to continue? [Y/n] y
(Reading database ... 157873 files and directories currently installed.)
Removing cowsay (3.03+dfsg2-7) ...
Processing triggers for man-db (2.9.1-1) ...
```

Abbildung 12: cowsay deinstallieren

8 Codeblocks

```
konrad@ubuntu:~$ sudo apt install codeblocks
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  binutils binutils-common binutils-x86-64-linux-gnu codeblocks-common gcc gcc-9 libasan5 libastyle3 libatomic1 libbinutils libc-dev-bin libc6-dev libcodeblocks0 libcrypt-dev libctf-nobfd0 libctf0
  libgcc-9-dev libitm1 liblsan0 libquadmath0 libtinyxml2.6.2v5 libtsan0 libubsan1 libutempter0 libwxbase3.0-0v5 libwxgtk3.0-gtk3-0v5 linux-libc-dev manpages-dev xterm
Suggested packages:
  binutils-doc codeblocks-contrib libwxgtk3.0-dev gcc-multilib make autoconf automake libtool flex bison gcc-doc gcc-9-multilib gcc-9-locales glibc-doc xfonts-cyrilic
The following NEW packages will be installed:
  binutils binutils-common binutils-x86-64-linux-gnu codeblocks codeblocks-common gcc gcc-9 libasan5 libastyle3 libatomic1 libbinutils libc-dev-bin libc6-dev libcodeblocks0 libcrypt-dev libctf-nobfd0
  libctf0 libgcc-9-dev libitm1 liblsan0 libquadmath0 libtinyxml2.6.2v5 libtsan0 libubsan1 libutempter0 libwxbase3.0-0v5 libwxgtk3.0-gtk3-0v5 linux-libc-dev manpages-dev xterm
0 upgraded, 30 newly installed, 0 to remove and 91 not upgraded.
Need to get 37.3 MB of archives.
After this operation, 155 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
```

Abbildung 13: Codeblocks installieren

9 C-Programm

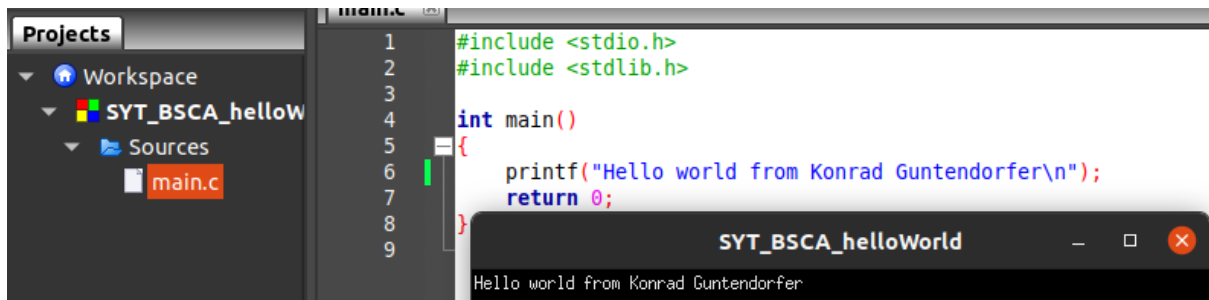


Abbildung 14: Hello World

10 Acrobat Reader

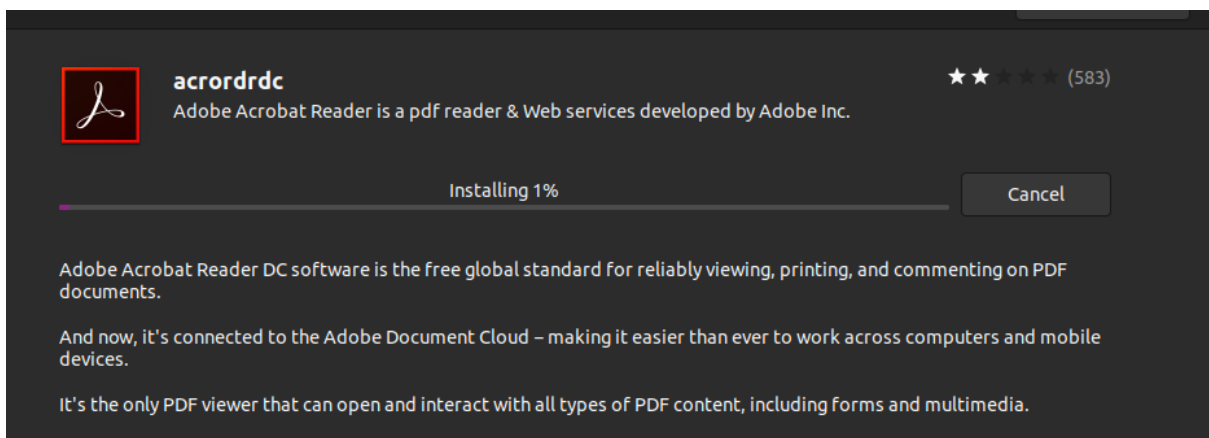


Abbildung 15: Adobe Acrobat Reader im Ubuntu Store

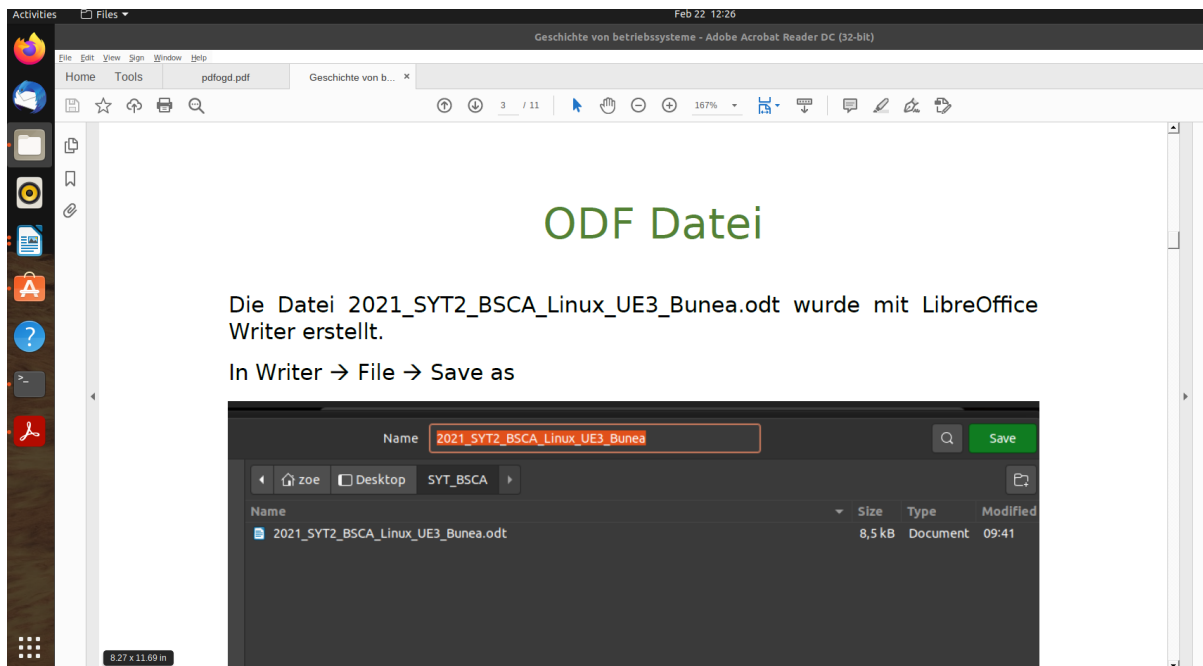


Abbildung 16: PDF in Acrobat

11 Gimp installieren

```
zoe@Compooper:~$ sudo apt-get install gimp
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  gimp-data libamd2 libbabl-0.1-0 libblas3 libcamd2 libccolamd2 libcholmod3
  libde265-0 libgegl-0.4-0 libgegl-common libgfortran5 libgimp2.0 libheif1
  libilmbase24 liblapack3 libmetis5 libmng2 libmypaint-1.5-1 libmypaint-common
  libopenxr24 libquadmath0 libsdl2-2.0-0 libumfpack5
Suggested packages:
  gimp-help-en | gimp-help gimp-data-extras
The following NEW packages will be installed:
  gimp gimp-data libamd2 libbabl-0.1-0 libblas3 libcamd2 libccolamd2
  libcholmod3 libde265-0 libgegl-0.4-0 libgegl-common libgfortran5 libgimp2.0
  libheif1 libilmbase24 liblapack3 libmetis5 libmng2 libmypaint-1.5-1
  libmypaint-common libopenxr24 libquadmath0 libsdl2-2.0-0 libumfpack5
0 upgraded, 24 newly installed, 0 to remove and 62 not upgraded.
Need to get 19,6 MB of archives.
After this operation, 105 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://at.archive.ubuntu.com/ubuntu focal/universe amd64 libbabl-0.1-0 amd
```

Abbildung 17: Gimp installieren

12 Gimp Logo

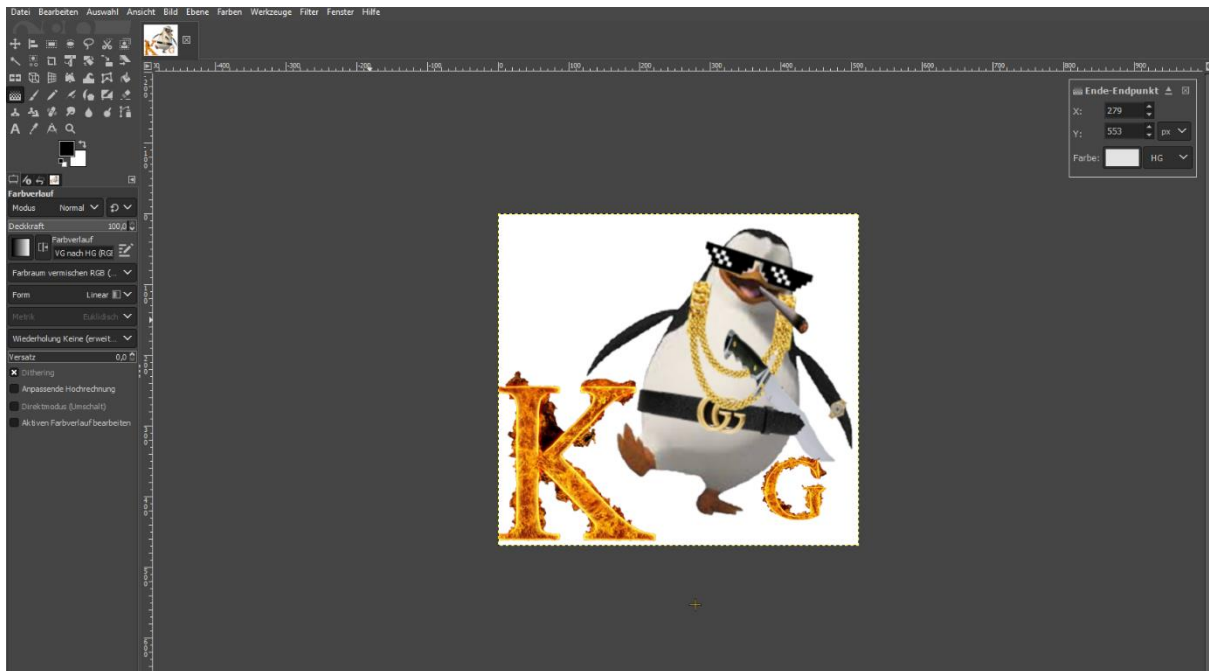


Abbildung 18: Logo: Konrad Guntendorfer

13 IDEA Community

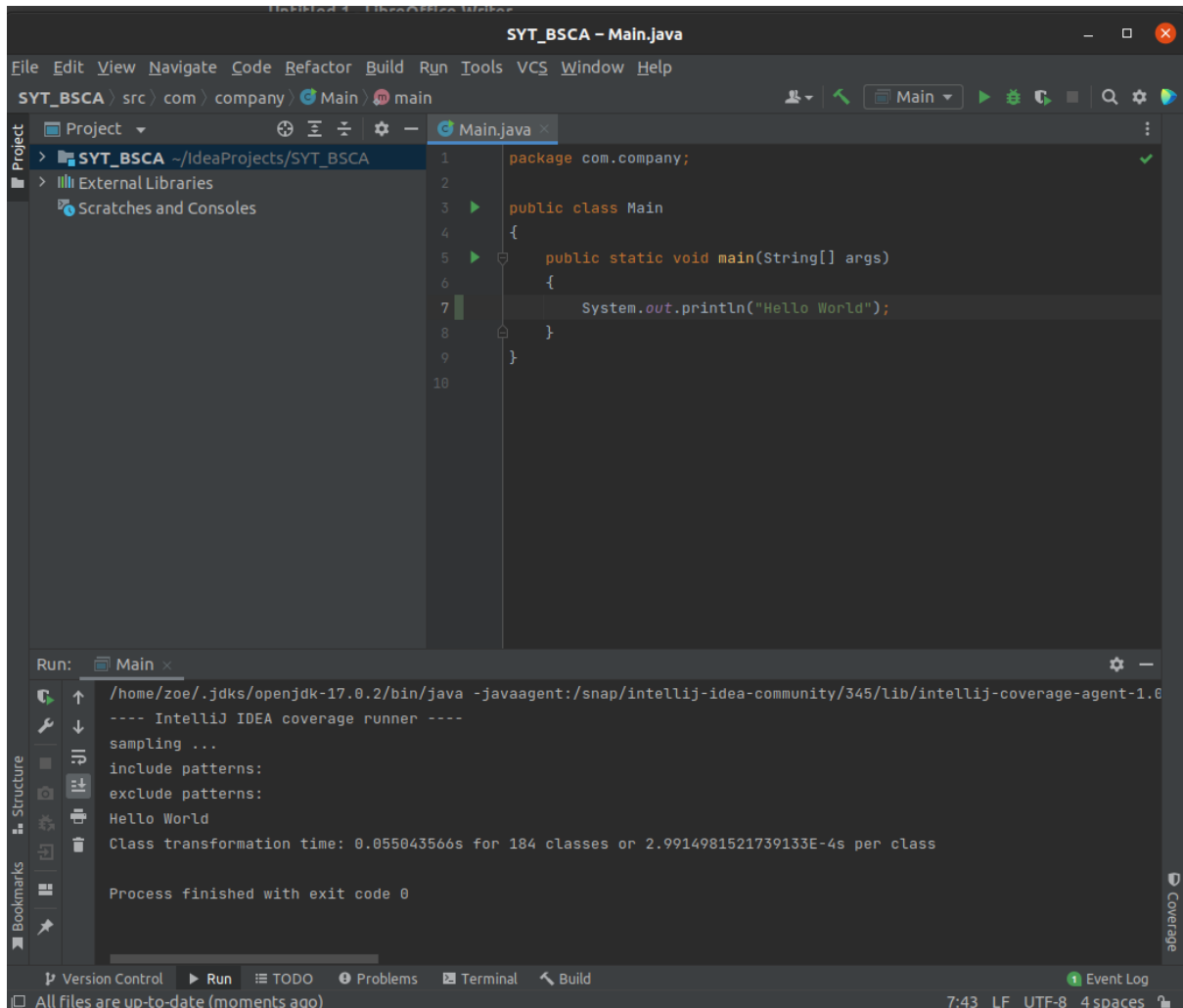


Abbildung 19: Java Hello World

14 Weitere Programme

Diese Programme wurden installiert:

- Telegram Desktop: Hauptkommunikations-App
- Steam: Es ist für mich ein Muss zu installieren, da ich einige Spiele von hier downloade.
- Krita: Ein gutes Zeichenprogramm, dass auch OpenSource ist. Ich benutzte es gerne zum zeichnen.

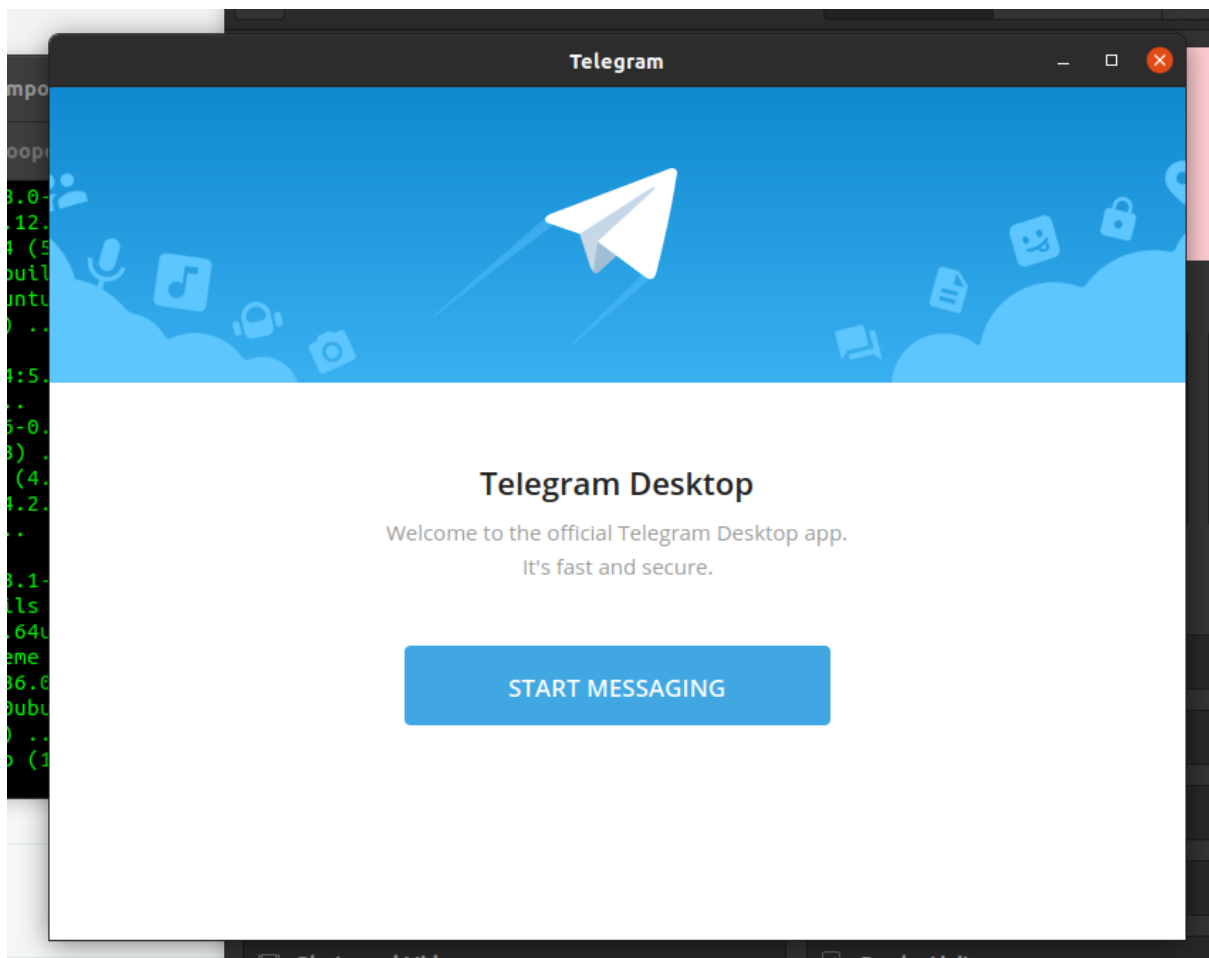


Abbildung 20: Telegram Desktop

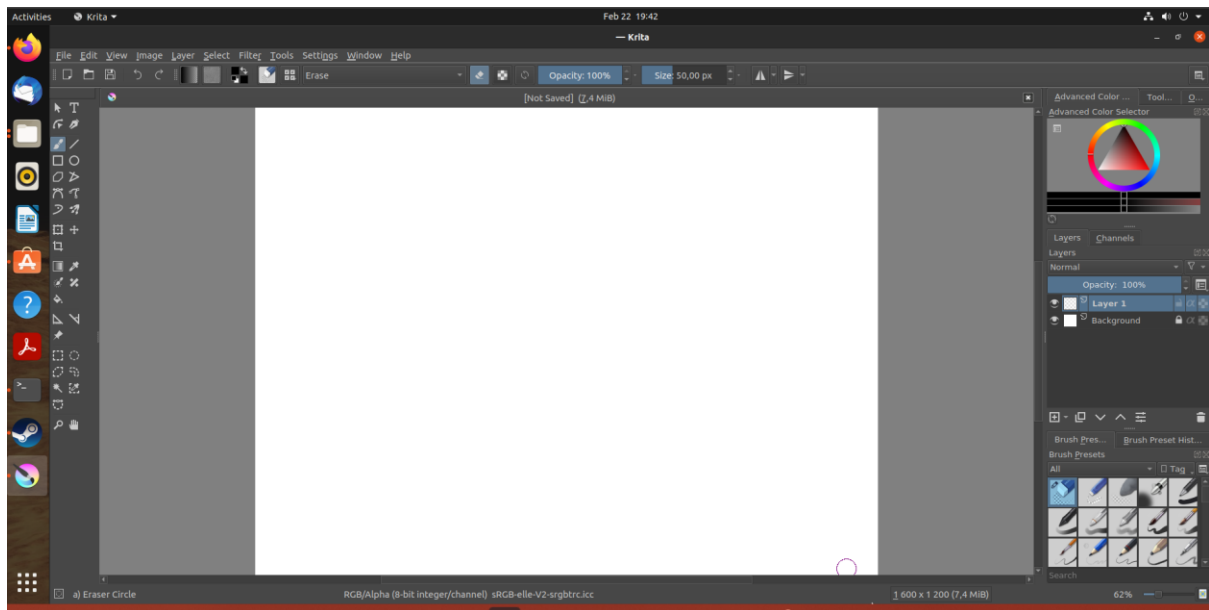


Abbildung 21: Krita

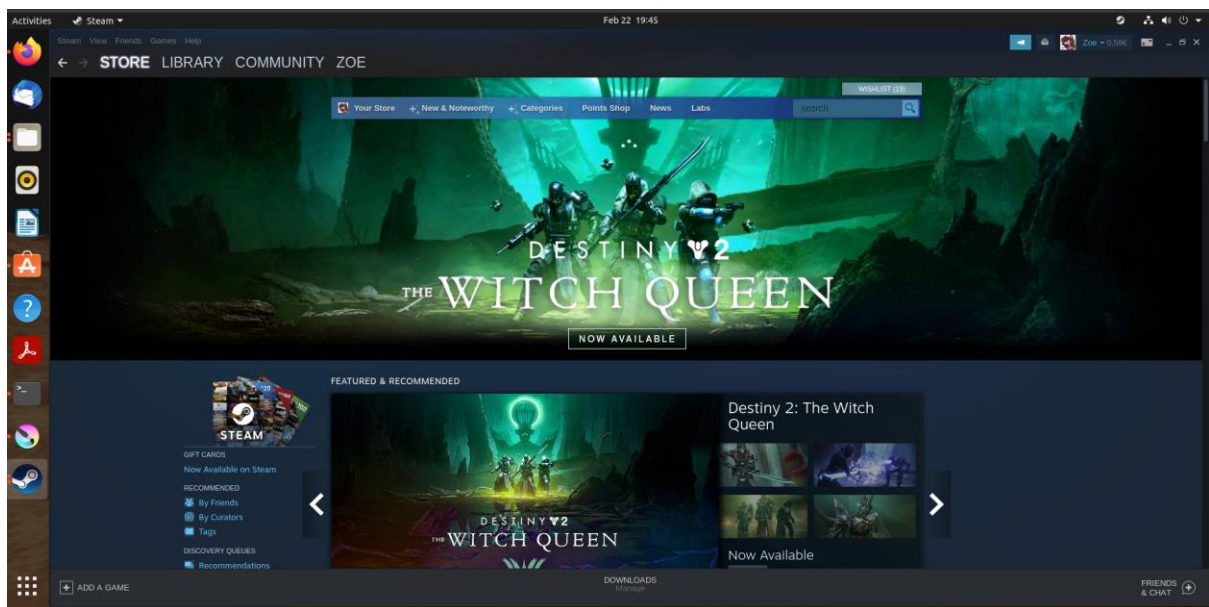


Abbildung 22: Steam

15 Abbildungsverzeichnis

Abbildung 1: ODF Datei erstellen	2
Abbildung 2: Seite 1 von Applications	3
Abbildung 3: Seite 2 von Applications	3
Abbildung 4: LibreOffice Apps	4
Abbildung 5: Sudoku Programm im System Monitor.....	4
Abbildung 6: Thunderbird manuelle konfiguration	5
Abbildung 7: cowsay installieren.....	6
Abbildung 8: figlet installieren	6
Abbildung 9: figlet.....	7
Abbildung 10: cowsay.....	7
Abbildung 11: figlet deinstallieren.....	8
Abbildung 12: cowsay deinstallieren	8
Abbildung 13: Codeblocks installieren.....	9
Abbildung 14: Hello World	9
Abbildung 15: Adobe Acrobat Reader im Ubuntu Store	9
Abbildung 16: PDF in Acrobat	10
Abbildung 17: Gimp installieren	10
Abbildung 18: Logo: Konrad Guntendorfer	11
Abbildung 19: Java Hello World	12
Abbildung 20: Telegram Desktop	13
Abbildung 21: Krita.....	14
Abbildung 22: Steam	14