LAPORAN PRAKTIKUM SISTEM OPERASI



Disusun oleh:

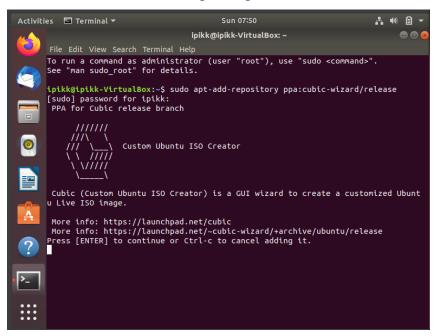
IRVIANTI DWITYARA SANY L200210251

PROGRAM STUDI TEKNIK INFROMATIKA
FAKULTAS KOMUNIKASI DAN INFORMATIKA
UNIVERSITAS MUHAMMADIYAH SURAKARTA
TAHUN 2022/2023

Lembar Kerja Modul 12

Nama	: Irvianti Dwityara Sany	Nilai Praktek:
NIM	: L200210251	
Nama Asisten	:	Tanda Tangan :
Tanggal Praktikum	: Selasa, 3 Januari 2023	

1. Melakukan install cubic dan update aplikasi



```
ipikk@ipikk-VirtualBox: ~

File Edit View Search Terminal Help

Get:36 http://security.ubuntu.com/ubuntu bionic-security/universe amd64 Package s [1,253 kB]

Get:37 http://security.ubuntu.com/ubuntu bionic-security/universe i386 Packages [1,047 kB]

Get:38 http://security.ubuntu.com/ubuntu bionic-security/universe Translation-e n [290 kB]

Get:39 http://security.ubuntu.com/ubuntu bionic-security/universe amd64 DEP-11 Metadata [61.1 kB]

Get:49 http://security.ubuntu.com/ubuntu bionic-security/multiverse amd64 DEP-1 Metadata [2,464 B]

Fetched 19.6 MB in 2min 16s (144 kB/s)

Reading package lists... Done ipikk@ipikk-VirtualBox:~$ sudo apt update Hit:1 http://us.archive.ubuntu.com/ubuntu bionic-updates InRelease Hit:2 http://us.archive.ubuntu.com/ubuntu bionic-backports InRelease Hit:3 http://us.archive.ubuntu.com/ubuntu bionic-backports InRelease Hit:5 http://security.ubuntu.com/ubuntu bionic-backports InRelease Hit:5 http://security.ubuntu.com/ubuntu bionic-security InRelease Reading package lists... Done

Building dependency tree Reading state information... Done

268 packages can be upgraded. Run 'apt list --upgradable' to see them. ipikk@ipikk-VirtualBox:~$ sudo apt -y install cubic Reading state information... Done

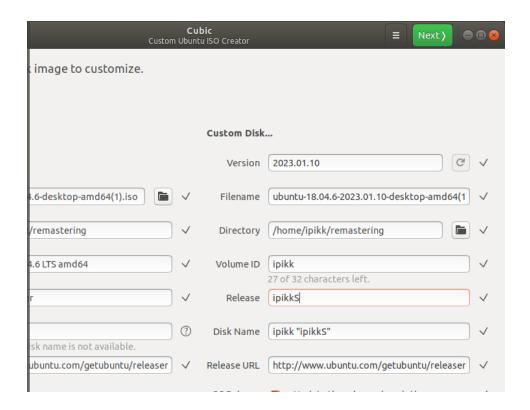
Building dependency tree Reading state information... Done

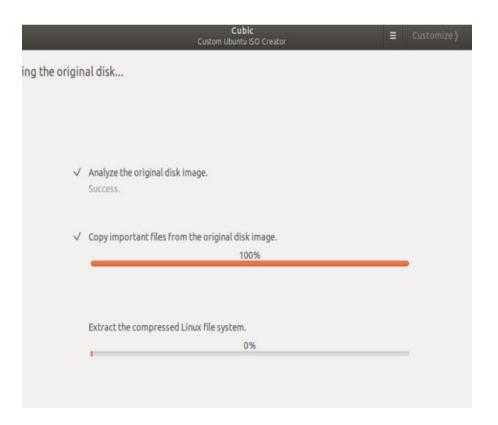
The following additional packages will be installed:

arj binwalk blt btrfs-progs cpu-checker cramfsswap fonts-lyx freeglut3 g++ g++-7 acc acc-7 ibverbs-providers ibxe-aemu ibxe-aemu-256k-combat-efi-roms
```

2. Menjalankan cubic dan memasukan file iso ubuntu untuk diremastering







3. Masuk ke virtual environment



4. Menginstall GIMP

```
root@cubic:~# apt install gimp
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
 gimp-data 1965-va-driver libaacs0 libamd2 libavcodec57 libavformat57 libavutil55 libbabl-0.1-0
 libbdplus0 libbluray2 libcamd2 libccolamd2 libcholmod3 libchromaprint1 libcrystalhd3 libgegl-0.3-0 libgimp2.0 libgme0 libgsm1 libmetis5 libmng2 libopenjp2-7 libopenmpt0 libsdl1.2debian libshine3
  libsnappy1v5 libsoxr0 libssh-gcrypt-4 libswresample2 libswscale4 libumfpack5 libva-drm2 libva-x11-2
  libva2 libvdpau1 libx264-152 libx265-146 libxvidcore4 libzvbi-common libzvbi0 mesa-va-drivers
 mesa-vdpau-drivers python-cairo python-gobject-2 python-gtk2 va-driver-all vdpau-driver-all
uggested packages:
 gimp-help-en | gimp-help gimp-data-extras i965-va-driver-shaders libbluray-bdj firmware-crystalhd
 python-gobject-2-dbg python-gtk2-doc libvdpau-va-gl1 nvidia-vdpau-driver
 nvidia-legacy-340xx-vdpau-driver
The following NEW packages will be installed:
 gimp gimp-data 1965-va-driver libaacs0 libamd2 libavcodec57 libavformat57 libavutil55 libbabl-0.1-0
  libbdplus0 libbluray2 libcamd2 libccolamd2 libcholmod3 libchromaprint1 libcrystalhd3 libgegl-0.3-0
 libgimp2.0 libgme0 libgsm1 libmetis5 libmng2 libopenjp2-7 libopenmpt0 libsdl1.2debian libshine3
 libsnappy1v5 libsoxr0 libssh-gcrypt-4 libswresample2 libswscale4 libumfpack5 libva-drm2 libva-x11-2 libva2 libvdpau1 libx264-152 libx265-146 libxvidcore4 libzvbi-common libzvbi0 mesa-va-drivers
 mesa-vdpau-drivers python-cairo python-gobject-2 python-gtk2 va-driver-all vdpau-driver-all
 upgraded, 48 newly installed, 0 to remove and 301 not upgraded.
Need to get 30.7 MB of archives.
After this operation, 187 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://archive.ubuntu.com/ubuntu bionic/universe amd64 libmng2 amd64 2.0.2-0ubuntu3 [169 kB]
Get:2 http://security.ubuntu.com/ubuntu bionic-security/universe amd64 libavutil55 amd64 7:3.4.11-0ubur
```

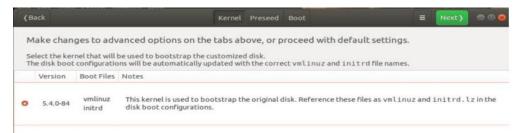
5. Mengganti background

ipikk@ipikk-VirtualBox:~\$ gsettings set org.gnome.desktop.background picture-ur
i file://home/remastering/backgroundbaru.png
ipikk@ipikk-VirtualBox:~\$

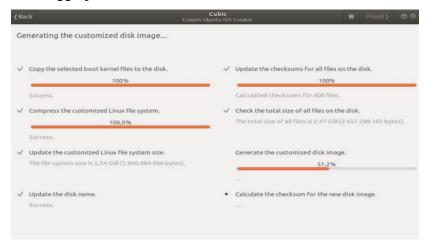
6. Setting apps autoremove



7. Mengubah kernel



8. Menunggu proses



9. Hasil Remastering

