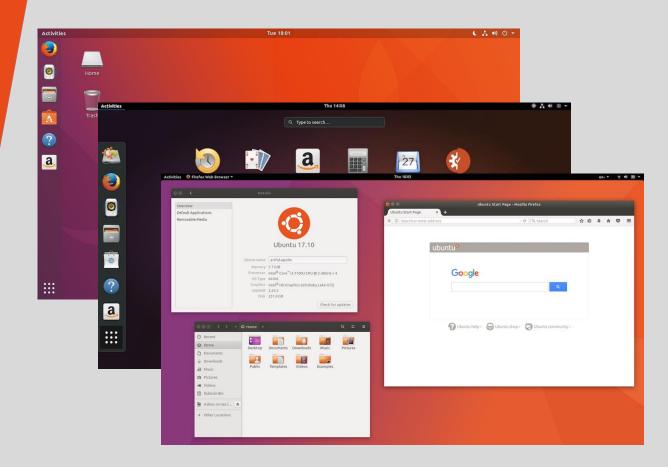


DENGAN UBUNTU CUSTOMIZATION KIT

MUHAMMAD YUGA NUGRAHA

UBUNTU 17.10 'ARTFUL AARDVARK'

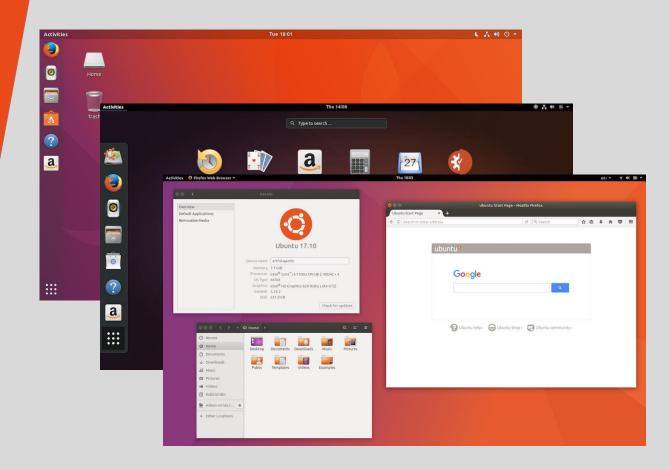
- Merupakan distribusi GNU/Linux turunan Debian yang disponsori oleh Canonical Ltd.
- User friendly
- Memiliki repositori yang sangat besar.
- Memiliki komunitas dan forum yang besar di dunia.



Apa yang baru?

- GNOME sebagai default desktop
- GDM sebagai default display manager
- No 32 bit desktop images
- ❖ DII.

UBUNTU 17.10 'ARTFUL AARDVARK'



REMASTERING

Apa itu Remastering?

Memodifikasi ISO yang sudah ada dengan menambahkan, menghapus paket dan mengubah konfigurasi sistem.



UBUNTU CUSTOMIZATION KIT

Tools yang digunakan untuk membuat custom ISO Ubuntu dan turunannya sesuai kebutuhan pengguna.



DASAR UNTUK REMASTERING?

- **❖** Dasar perintah bash seperti cd, ls, mv, rm dll.
- **Penggunaan paket manajemen.**
- Tidak dibutuhkan skill bahasa pemrograman.

PERINTAH DASAR APT

Menginstal paket

\$ sudo apt install *packagename*

Menghapus paket

\$ sudo apt remove *packagename*

Mencari paket berdasarkan nama

\$ sudo apt search *packagename*

Memasang paket .deb

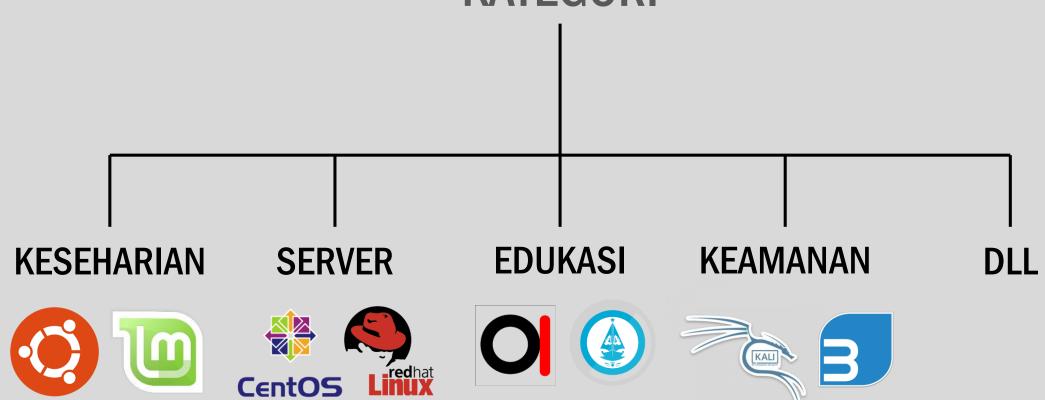
\$ sudo dpkg -i packagename

PERSIAPAN REMASTERING

- **❖** ISO Ubuntu 17.10
- Ubuntu Customization Kit
- ❖ Free space 10-20 Gb
- **❖** VirtualBox / VM Ware
- Notepad untuk changelog
- Dualboot / LiveCD turunan Ubuntu



KATEGORI



MEMULAI REMASTERING

1. Menginstal UCK

\$ sudo apt-get install uck

```
🔞 – 💀 Terminal
blackcat@ubuntu:[~] sudo apt install uck
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  gfxboot gfxboot-dev libfribidi-bin
Suggested packages:
 gfxboot-themes brasero | k3b | burn
The following NEW packages will be installed:
  gfxboot gfxboot-dev libfribidi-bin uck
0 upgraded, 4 newly installed, 0 to remove and 65 not upgraded.
Need to get 402 kB of archives.
After this operation, 2.110 kB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://kambing.ui.ac.id/ubuntu xenial/main amd64 gfxboot amd64 4.5.2-1.1-5 [20,3 kB]
Get:2 http://kambing.ui.ac.id/ubuntu xenial/universe amd64 libfribidi-bin amd64 0.19.7-1 [8.632 B]
Get:3 http://kambing.ui.ac.id/ubuntu xenial/main amd64 gfxboot-dev amd64 4.5.2-1.1-5 [224 kB]
17% [3 gfxboot-dev 5.607 B/224 kB 3%]
```

2. Membersihkan semua file remastering sebelumnya.

\$ sudo uck-remaster-clean

Perintah ini di lakukan jika sebelumnya anda melakukan remastering maka file remastering sebelumnya akan dibersihkan.

3. Unpack ISO untuk diremastering

- \$ sudo uck-remaster-unpack-iso /path/to/ubuntu-17.10-desktop-amd64.iso
- \$ sudo uck-remaster-unpack-rootfs
- \$ sudo uck-remaster-unpack-initrd

```
blackcat@ubuntu:[~] sudo uck-remaster-unpack-iso ubuntu-17.10-desktop-amd64.iso
Mounting ISO image...
mount: /dev/loop0 is write-protected, mounting read-only
Unpacking ISO image...
Unmounting ISO image...
blackcat@ubuntu:[~] sudo uck-remaster-unpack-rootfs
Mounting SquashFS image...
Unpacking SquashFS image...
Unmounting SquashFS image...
blackcat@ubuntu:[~] sudo uck-remaster-unpack-initrd
Unpacking initrd image...
~/tmp/remaster-initrd ~
293002 blocks
```

4. Masuk ke sistem iso yang akan diremastering.

\$ sudo uck-remaster-chroot-rootfs

Prompt pada terminal akan berubah menjadi root.

```
🔞 - 💀 Terminal
blackcat@ubuntu:[~/tmp] ls
remaster-apt-cache remaster-initrd remaster-iso remaster-root remaster-root-home
blackcat@ubuntu:[~/tmp] sudo uck-remaster-chroot-rootfs
[sudo] password for blackcat:
Mounting /proc
Mounting /sys
Mounting /dev/pts
Mounting /tmp
Mounting /home/blackcat/tmp/remaster-root-home
Mounting /home/blackcat/tmp/remaster-apt-cache
Mounting /run
Copying fstab/mtab...
Creating DBUS uuid...
Deactivating initctl...
mv: cannot stat '/sbin/initctl': No such file or directory
Deactivating update-grub...
Deactivating grub-probe...
Hacking grub-probe postinst/postrm...
Remembering kernel update state...
root@ubuntu:/# ping google.com
PING google.com (172.217.27.14) 56(84) bytes of data.
--- google.com ping statistics ---
4 packets transmitted, 0 received, 100% packet loss, time 3022ms
```

```
- @ Terminal
blackcat@ubuntu:[~] sudo uck-remaster-chroot-rootfs
Creating root home...
Mounting /proc
Mounting /sys
Mounting /dev/pts
Mounting /tmp
Mounting /home/blackcat/tmp/remaster-root-home
Mounting /home/blackcat/tmp/remaster-apt-cache
Mounting /run
Copying resolv.conf...
cp: not writing through dangling symlink '/home/blackcat/tmp/remaster-root/etc/resolv.conf'
Failed to copy resolv.conf, error=1
Copying fstab/mtab...
Creating DBUS uuid...
Deactivating initctl...
mv: cannot stat '/sbin/initctl': No such file or directory
Deactivating update-grub...
Deactivating grub-probe...
Hacking grub-probe postinst/postrm...
Remembering kernel update state...
root@ubuntu:/#
```

Jika muncul error *Failed to copy resolv.conf* saat melakukan chroot, buka terminal baru dan lakukan perintah dibawah ini :

Buka terminal baru kemudian masuk ke direktori remaster-root.

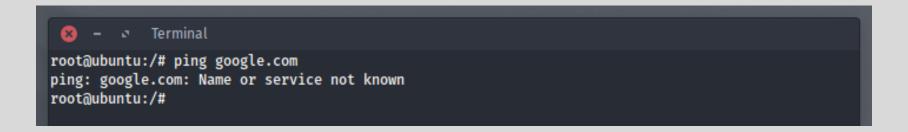
- \$ cd tmp/remaster-root
- \$ sudo cp -r /etc/resolv.conf etc/resolv.conf

Setelah itu lakukan ping pada sistem chroot.

```
root@ubuntu:/# ping google.com
PING google.com (74.125.68.138) 56(84) bytes of data.
64 bytes from sc-in-f138.1e100.net (74.125.68.138): icmp_seq=1 ttl=45 time=75.2 ms
64 bytes from sc-in-f138.1e100.net (74.125.68.138): icmp_seq=2 ttl=45 time=55.5 ms
64 bytes from sc-in-f138.1e100.net (74.125.68.138): icmp_seq=3 ttl=45 time=42.9 ms
64 bytes from sc-in-f138.1e100.net (74.125.68.138): icmp_seq=4 ttl=45 time=31.5 ms
64 bytes from sc-in-f138.1e100.net (74.125.68.138): icmp_seq=5 ttl=45 time=33.4 ms
64 bytes from sc-in-f138.1e100.net (74.125.68.138): icmp_seq=6 ttl=45 time=31.8 ms
64 bytes from sc-in-f138.1e100.net (74.125.68.138): icmp_seq=7 ttl=45 time=40.4 ms
64 bytes from sc-in-f138.1e100.net (74.125.68.138): icmp_seq=8 ttl=45 time=36.5 ms
64 bytes from sc-in-f138.1e100.net (74.125.68.138): icmp_seq=9 ttl=45 time=36.7 ms
```

Apa fungsi resolv.conf?

Merupakan konfigurasi file untuk pengatur Domain Name System (DNS) agar dapat terhubung ke internet. Ketika tidak ada file ini maka sistem tidak bisa terkoneksi, ketika kita mencoba ping ke google maka hasilnya *service not known*.



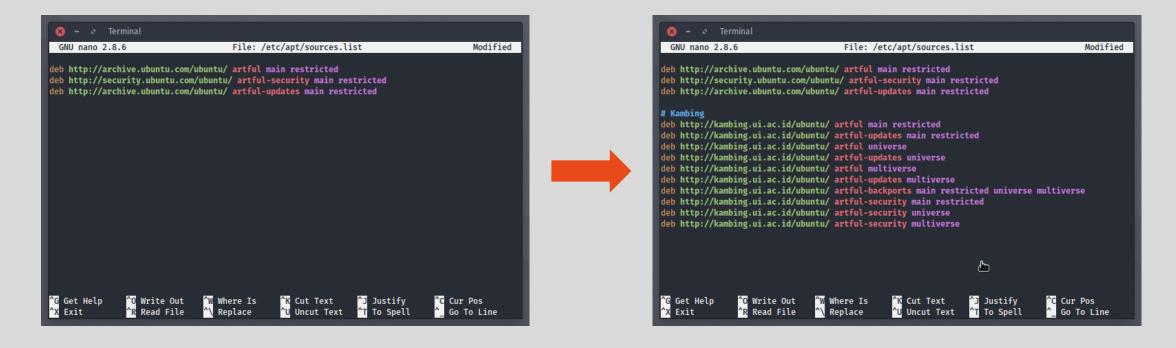
5. Meng-update dan meng-upgrade sistem.

apt update

apt upgrade -y (opsional)

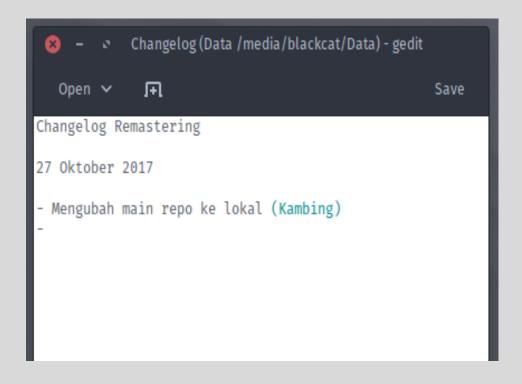
```
Terminal
root@ubuntu:/# apt update
Get:1 http://archive.ubuntu.com/ubuntu artful InRelease [237 kB]
Get:2 http://security.ubuntu.com/ubuntu artful-security InRelease [70.3 kB]
Get:3 http://security.ubuntu.com/ubuntu artful-security/main amd64 Packages [8180 B]
Get:4 http://security.ubuntu.com/ubuntu artful-security/main Translation-en [4224 B]
Get:5 http://archive.ubuntu.com/ubuntu artful-updates InRelease [76.7 kB]
Get:5 http://archive.ubuntu.com/ubuntu artful-updates InRelease [76.7 kB]
Get:6 http://archive.ubuntu.com/ubuntu artful/main amd64 Packages [1071 kB]
Get:7 http://archive.ubuntu.com/ubuntu artful/main amd64 DEP-11 Metadata [397 kB]
Get:8 http://archive.ubuntu.com/ubuntu artful/main DEP-11 64x64 Icons [263 kB]
Get:9 http://archive.ubuntu.com/ubuntu artful-updates/main amd64 Packages [14.0 kB]
Get:10 http://archive.ubuntu.com/ubuntu artful-updates/main Translation-en [7032 B]
Get:11 http://archive.ubuntu.com/ubuntu artful-updates/main amd64 DEP-11 Metadata [8272 B]
Get:12 http://archive.ubuntu.com/ubuntu artful-updates/main DEP-11 64x64 Icons [3157 B]
Fetched 2155 kB in 46s (46.5 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
29 packages can be upgraded. Run 'apt list --upgradable' to see them.
root@ubuntu:/#
```

Atau mengubah file konfigurasi repositori main ke lokal seperti repo kambing, itb, buaya dll.



Silahkan cek di : https://kampungpenguin.com/daftar-mirror-repository-ubuntu-17-10-artful-aardvark/

NOTE:

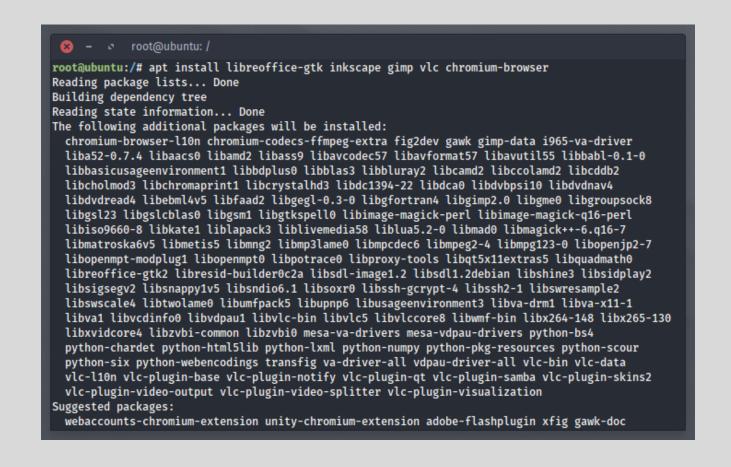


Jangan lupa untuk selalu dicatat setiap melakukan perintah.

Changelog ini nantinya akan berguna untuk membantu kita dalam *problem solving.* Kita bisa melihat aktivitas yang dilakukan sebelum terjadinya error.

6. Menginstal aplikasi yang diperlukan.

apt install libreoffice-gtk inkscape gimp vlc chromium-browser



Menghapus aplikasi yang tidak diperlukan.

apt remove gnome-mahjongg gnome-mines gnome-sudoku

```
- or root@ubuntu: /
root@ubuntu:/# apt remove gnome-mahjongg gnome-mines gnome-sudoku
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages will be REMOVED:
 gnome-mahjongg gnome-mines gnome-sudoku
0 upgraded, 0 newly installed, 3 to remove and 29 not upgraded.
After this operation, 7365 kB disk space will be freed.
Do you want to continue? [Y/n] Y
(Reading database ... 193823 files and directories currently installed.)
Removing gnome-mahjongg (1:3.22.0-1) ...
Removing gnome-mines (1:3.26.0-1) ...
Removing gnome-sudoku (1:3.26.0-1) ...
```

REMASTERING BERHENTI DITENGAH JALAN?

Buka terminal baru kemudian masuk ke direktori ~/tmp dan chroot kembali.

 $cd \sim /tmp$

\$ sudo uck-remaster-chroot-rootfs

```
🔞 - 👂 Terminal
blackcat@ubuntu:[~] cd tmp
blackcat@ubuntu:[~/tmp] sudo uck-remaster-chroot-rootfs
[sudo] password for blackcat:
Mounting /proc
Mounting /sys
Mounting /dev/pts
Mounting /tmp
Mounting /home/blackcat/tmp/remaster-root-home
Mounting /home/blackcat/tmp/remaster-apt-cache
Mounting /run
Copying fstab/mtab...
Creating DBUS uuid...
Deactivating initctl...
mv: cannot stat \( \big| / sbin/initctl': No such file or directory
Deactivating update-grub...
Deactivating grub-probe...
Hacking grub-probe postinst/postrm...
Remembering kernel update state...
root@ubuntu:/#
```

Menginstal paket manual

Buka terminal baru dan pindahkan paketnya ke direktori chroot.

\$ sudo cp /path/to/namapaket.deb ~/tmp/remaster-root/

Setelah menginstall paket .deb, kalian bisa menghapus binary paketnya dengan menggunakan perintah :

rm namapaket.deb

Kembali ke terminal sebelumnya dan install paketnya.

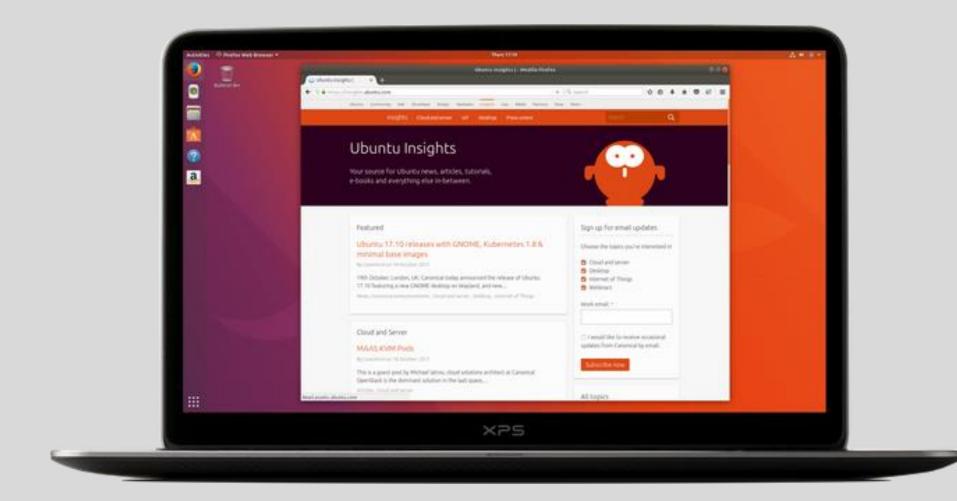
dpkg -i *namapaket.deb*

```
🔞 – 👂 Terminal
root@ubuntu:/# ls
banshee_2.9.0+really2.6.2-7ubuntu3_amd64.deb dev initrd.img media proc sbin sys var
bin
                                             home lib64
                                                                            srv usr
                                                                      run
root@ubuntu:/# dpkg -i banshee_2.9.0+really2.6.2-7ubuntu3_amd64.deb
Selecting previously unselected package banshee.
(Reading database ... 145532 files and directories currently installed.)
Preparing to unpack banshee 2.9.0+really2.6.2-7ubuntu3 amd64.deb ...
Unpacking banshee (2.9.0+really2.6.2-7ubuntu3) ...
dpkg: dependency problems prevent configuration of banshee:
 banshee depends on mono-runtime (>= 3.0~); however:
 Package mono-runtime is not installed.
 banshee depends on libdbus-glib1.0-cil (>= 0.5); however:
 Package libdbus-glib1.0-cil is not installed.
 banshee depends on libdbus1.0-cil (>= 0.7); however:
 Package libdbus1.0-cil is not installed.
 banshee depends on libgconf2.0-cil (>= 2.24.0); however:
 Package libgconf2.0-cil is not installed.
 banshee depends on libgdata2.1-cil (>= 2.2.0.0); however:
 Package libgdata2.1-cil is not installed.
 banshee depends on libgkeyfile1.0-cil; however:
 Package libgkeyfile1.0-cil is not installed.
 banshee depends on libglib2.0-cil (>= 2.12.40); however:
 Package libglib2.0-cil is not installed.
 banshee depends on libgtk-sharp-beans-cil; however:
```

Jika muncul error pada depedensi seperti *broken package* maka lakukan perintah dibawah: # apt install -f

```
🙉 - 🕫 Terminal
 libwnck-common libwnck22 mono-4.0-gac mono-gac mono-runtime mono-runtime-common
  mono-runtime-sgen
Suggested packages:
 monodoc-gtk2.0-manual libmono-i18n4.0-all libgamin0
The following NEW packages will be installed:
 binfmt-support ca-certificates-mono cli-common gconf-service gconf-service-backend
 gconf2-common gnome-icon-theme libdbus-glib1.0-cil libdbus-glib2.0-cil libdbus1.0-cil
 libdbus2.0-cil libgconf-2-4 libgconf2.0-cil libgdata2.1-cil libgdiplus libgif7
 libgkeyfile1.0-cil libglib2.0-cil libgtk-sharp-beans-cil libgtk2.0-cil libgudev1.0-cil
 libmono-addins0.2-cil libmono-cairo4.0-cil libmono-corlib4.5-cil libmono-data-tds4.0-cil
 libmono-i18n-west4.0-cil libmono-i18n4.0-cil libmono-posix4.0-cil libmono-security4.0-cil
 libmono-sharpzip4.84-cil libmono-system-configuration4.0-cil libmono-system-core4.0-cil
  libmono-system-data4.0-cil libmono-system-drawing4.0-cil
 libmono-system-enterpriseservices4.0-cil libmono-system-numerics4.0-cil
 libmono-system-runtime-serialization4.0-cil libmono-system-security4.0-cil
 libmono-system-servicemodel-internals0.0-cil libmono-system-transactions4.0-cil
 libmono-system-xml-ling4.0-cil libmono-system-xml4.0-cil libmono-system4.0-cil
 libmono-zeroconf1.0-cil libnewtonsoft-json5.0-cil libnotify0.4-cil libtaglib2.1-cil
 libwnck-common libwnck22 mono-4.0-gac mono-gac mono-runtime mono-runtime-common
  mono-runtime-sgen
0 upgraded, 54 newly installed, 0 to remove and 29 not upgraded.
1 not fully installed or removed.
Need to get 18.7 MB of archives.
After this operation, 56.6 MB of additional disk space will be used.
Do you want to continue? [Y/n]
```

7. Memperindah *user interface* (desktop)



Memasang tema dan icons.

rm -r arc-icon-theme

```
# apt install arc-theme moka-icon-theme
# git clone https://github.com/horst3180/arc-icon-theme
# cd arc-icon-theme
# mv Arc / usr/share/icons
```

Memasang font dengan memindahkannya dari host ke chroot seperti pada gambar:

\$ sudo mv *namafont* tmp/remaster-root/usr/share/fonts/opentype

Mengganti tema, icons dan font pada sistem.

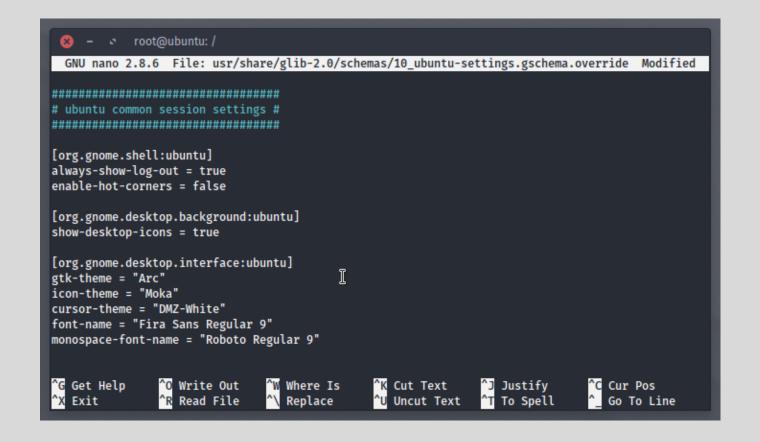
nano usr/share/glib-2.0/schemas/10_ubuntu-settings.gschema.override

```
🙉 - 🗷 root@ubuntu: /
 GNU nano 2.8.6 File: usr/share/glib-2.0/schemas/10 ubuntu-settings.gschema.override
# ubuntu common session settings #
[org.gnome.shell:ubuntu]
always-show-log-out = true
enable-hot-corners = false
[org.gnome.desktop.background:ubuntu]
show-desktop-icons = true
[org.gnome.desktop.interface:ubuntu]
gtk-theme = "Ambiance"
icon-theme = "ubuntu-mono-dark"
cursor-theme = "DMZ-White"
font-name = "Ubuntu 11"
monospace-font-name = "Ubuntu Mono 13"
[org.gtk.Settings.FileChooser:ubuntu]
^G Get Help
                ^O Write Out
^R Read File
                                                                ^J Justify
^T To Spell
                                                                                 ^C Cur Pos
                                ^W Where Is
                                                <sup>^</sup>K Cut Text
                                ^\ Replace
                                                ^U Uncut Text
                                                                                ^ Go To Line
^X Exit
```

Menjadi

Edit pada bagian

```
[org.gnome.....]
gtk-theme = ...
icon-theme = ...
cursor-theme = ...
font-name = ...
dan seterusnya menjadi seperti
gambar disamping.
```



Menambahkan gnome-extension

git clone https://github.com/micheleg/dash-to-dock.git

cd dash-to-dock

make

make install

```
🔞 - 🗷 root@ubuntu: /dash-to-dock
root@ubuntu:/dash-to-dock# make
glib-compile-schemas ./schemas/
msgfmt -c po/hu.po -o po/hu.mo
msgfmt -c po/ja.po -o po/ja.mo
msgfmt -c po/tr.po -o po/tr.mo
po/tr.po:8: warning: header field '
                                      root@ubuntu: /dash-to-dock
msgfmt -c po/fr.po -o po/fr.mo
msgfmt -c po/sr.po -o po/sr.mo
                                    ppIcons.js launcherAPI.js windowPreview.js intellihide.js prefs.js theming.js utils.js Settings.ui
msgfmt -c po/sv.po -o po/sv.mo
msgfmt -c po/it.po -o po/it.mo
                                    mkdir -p _build/media
msgfmt -c po/de.po -o po/de.mo
                                    cd media ; cp logo.svg glossy.svg ../_build/media/
msgfmt -c po/es.po -o po/es.mo
                                    mkdir -p build/schemas
msgfmt -c po/sr@latin.po -o po/sr@l
                                    cp schemas/*.xml _build/schemas/
msgfmt -c po/pt_BR.po -o po/pt_BR.m cp schemas/gschemas.compiled _build/schemas/
msgfmt -c po/pt.po -o po/pt.mo
                                    mkdir -p _build/locale
msgfmt -c po/cs.po -o po/cs.mo
                                    for l in po/cs.mo po/it.mo po/zh_CN.mo po/ja.mo po/sv.mo po/pl.mo po/id.mo po/de.mo po/fr.mo po/ru
msgfmt -c po/id.po -o po/id.mo
                                     .mo po/pt.mo po/pt_BR.mo po/nl.mo po/sr@latin.mo po/zh_TW.mo po/el.mo po/sk.mo po/hu.mo po/tr.mo p
msgfmt -c po/ar.po -o po/ar.mo
                                    o/es.mo po/ar.mo po/sr.mo ; do \
msgfmt -c po/pl.po -o po/pl.mo
                                            lf=_build/locale/`basename $l .mo`; \
msgfmt -c po/nl.po -o po/nl.mo
                                            mkdir -p $lf; \
msgfmt -c po/ru.po -o po/ru.mo
                                            mkdir -p $lf/LC MESSAGES; \
msgfmt -c po/zh_CN.po -o po/zh_CN.m
                                            cp $l $lf/LC MESSAGES/dashtodock.mo; \
msgfmt -c po/sk.po -o po/sk.mo
msgfmt -c po/zh_TW.po -o po/zh_TW.m sed -i 's/"version": -1/"version": "e564630423981777902f308dc093dd512f9be90c"/' _build/metadata.j
msgfmt -c po/el.po -o po/el.mo
                                    rm -rf /home/blackcat/.local/share/gnome-shell/extensions/dash-to-<u>dock@micxgx.gmail.com</u>
                                    mkdir -p /home/blackcat/.local/share/gnome-shell/extensions/dash-to-dock@micxgx.gmail.com
                                    cp -r ./_build/* /home/blackcat/.local/share/gnome-shell/extensions/dash-to-dock@micxgx.gmail.com/
                                    rm -fR _build
                                    echo done
                                    done
                                    root@ubuntu:/dash-to-dock#
```

Mengaktifkan gnome extension dengan perintah berikut :

gnome-shell-extension-tool -e dash-to-dock

```
root@ubuntu:~
root@ubuntu:~# gnome-shell-extension-tool -e dask-to-dock
'dask-to-dock' is now enabled.

(process:5235): dconf-WARNING **: failed to commit changes to dconf: Error spawning command line ?
dbus-launch --autolaunch=f23604ada20da1ead11db66559f453ec --binary-syntax --close-stderr?: Child p
rocess exited with code 1
root@ubuntu:~#
```

Mengubah wallpaper desktop bawaan.

nano /usr/share/gnome-background-properties/ubuntu-wallpaper.xml

Pindahkan wallpaper yang akan digunakan kedirektori /usr/share/background dan mengganti nama wallpaper bawaan ke nama wallpaper yang sudah dipindahkan.

Mengubah background pada GRUB.

nano /etc/default/grub

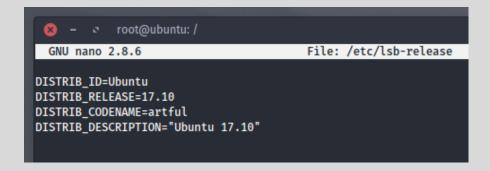
Edit lokasi direktori pada baris GRUB_BACKGROUND ke direktori wallpaper, contohnya: ~/Pictures/blue.png

Mengubah text Ubuntu saat loading.

nano /usr/share/plymouth/themes/ubuntu-text/ubuntu-text.plymouth

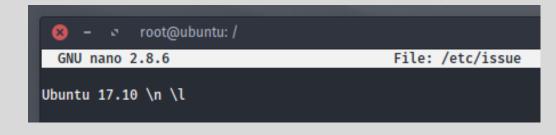
8. Mengubah nama sistem operasi.

nano /etc/lsb-release



Mengubah pre-login message.

nano /etc/issue



Pre login message adalah pesan sebelum memasuki prompt pada distro GNU/Linux.

```
Ubuntu 16.04.2 LTS ubuntu tty1

ubuntu login: rubiest
Password:
Last login: Thu Nov 2 13:01:08 WIB 2017 on tty1
Welcome to Ubuntu 16.04.2 LTS (GNU/Linux 4.4.0-62-generic x86_64)

* Documentation: https://help.ubuntu.com

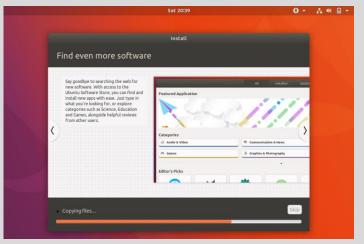
* Management: https://landscape.canonical.com

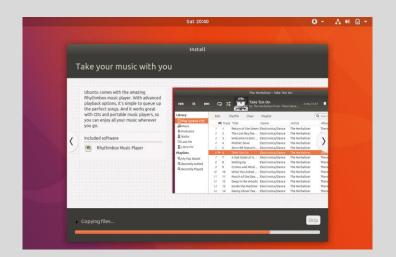
* Support: https://ubuntu.com/advantage
```

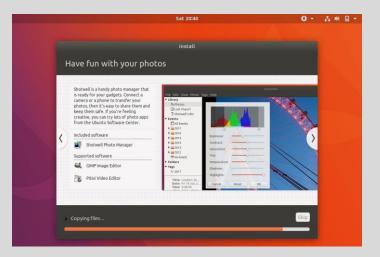
Referensi: https://www.cyberciti.biz/faq/howto-change-login-message/

9. Mengedit tampilan installer Ubiquity



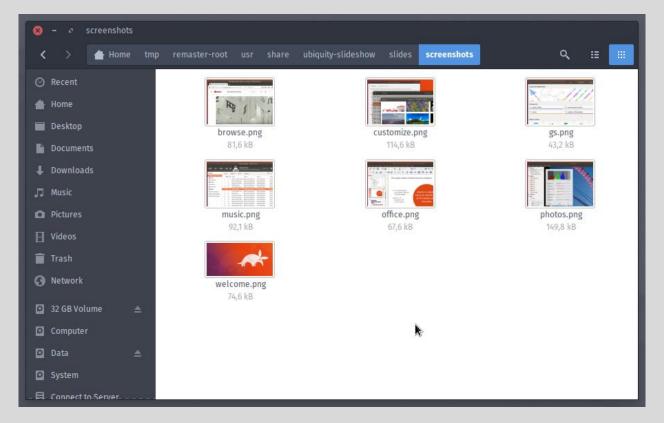


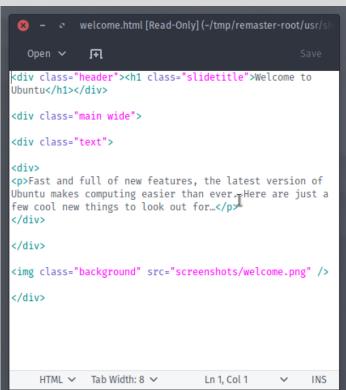




Ini adalah lokasi untuk mengedit desain gambar dan deskripsi pada installer.

/usr/share/ubiquity-slideshow/slides





Untuk mengedit deskripsi, anda hanya perlu mengubah isi dari file html masing-masing.

10. Keluar dari chroot sistem kemudian cleaning dan packing menjadi ISO.

umount -a

exit

\$ sudo uck-remaster-pack-rootfs

\$ sudo uck-remaster-pack-initrd

\$ sudo uck-remaster-pack-iso *nama.iso*

Hasil ISO akan tersimpan di direktori ~/tmp/remaster-new-files/, jika sudah selesai maka kita lakukan pembersihan file temporary.

\$ sudo uck-remaster-clean

11. Setelah hasil remastering menjadi ISO, maka kita lakukan testing pada VirtualBox / VM Ware.

ERROR? SOLVING SENDIRI:P

Jangan lupa selalu periksa changelog

REFERENSI

https://www.slideshare.net/masparuk/presentasi-remastering-grombyangos

http://lms.onnocenter.or.id/wiki/index.php/UCK:_Remaster_Minimal_Ubuntu

https://www.linux.com/learn/roll-your-own-customized-ubuntu-uck