

Create your own UwUntu

User's Guide

(Gnome version)



This guide is unofficial and not supported by Cubic or Ubuntu. Some of the links included in this guide are not associated with UwUntu.

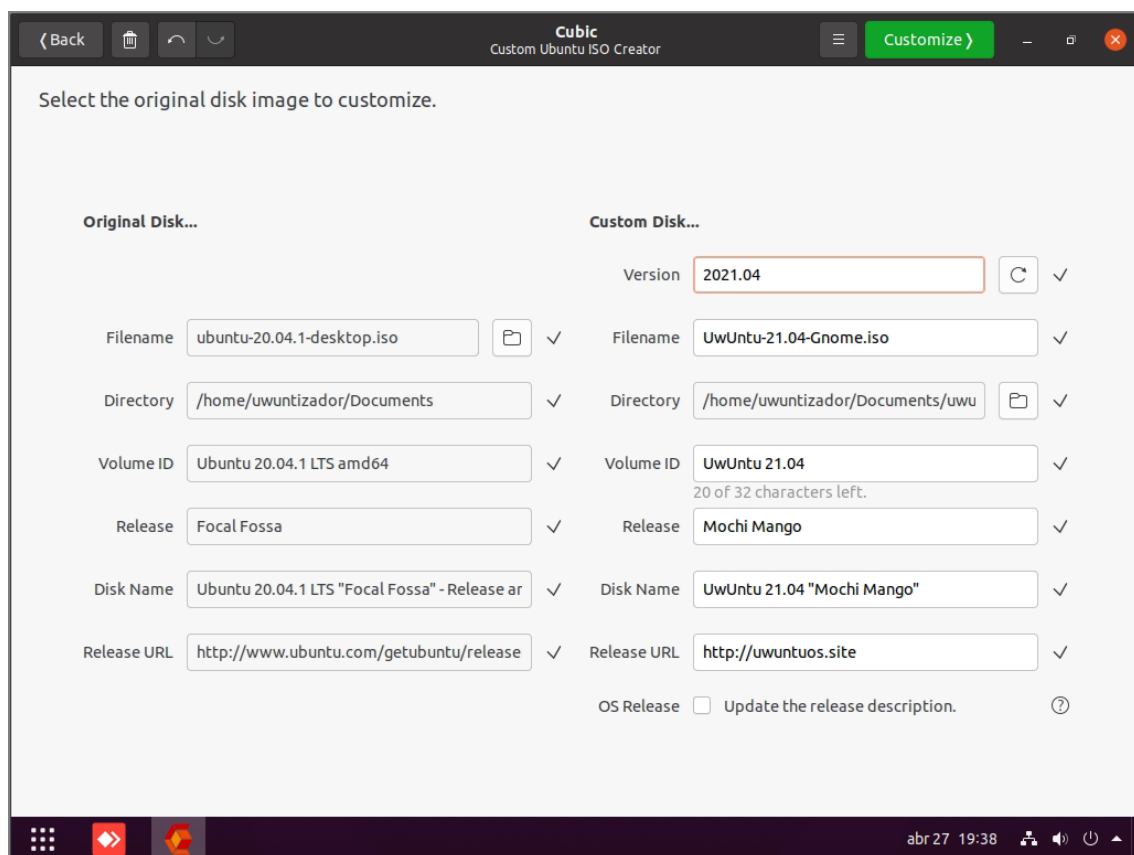


For this guide, we will be using Cubic in a Debian distro for the whole process, so the first step will be downloading Cubic.

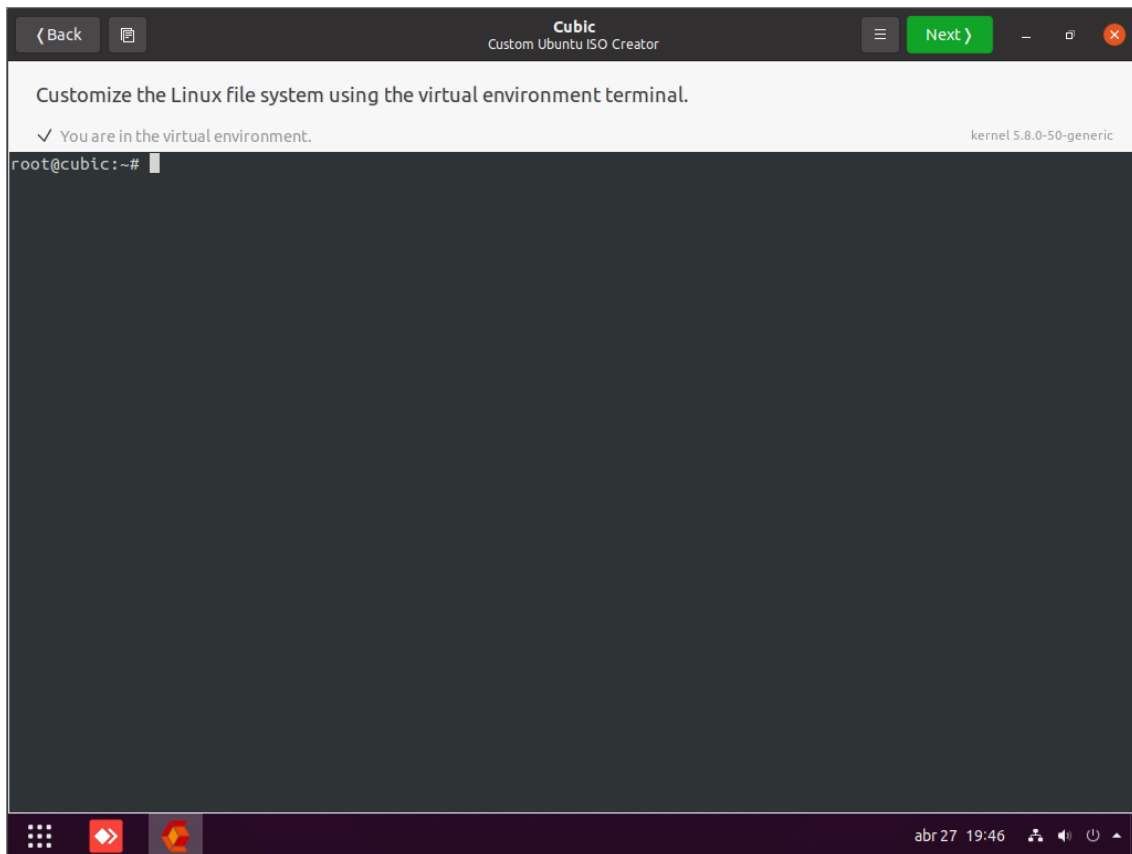
```
sudo apt install cubic
```

Once we have Cubic Downloaded, we will need the ISO we will be customizing, in this case the ISO chosen was Ubuntu-20.04. So we recommend doing the same so the final product doesn't change.

Now that we have ready both the ISO and the program we need, it's time to start creating our new customized ISO.



We introduce the data as we want it to be later, then we are ready to start the whole process.



The first thing we should always do when we get to a new installation is running this commands

```
sudo apt update  
sudo apt upgrade
```

Once it is done, we will need to update the repositories of our ISO



Then, we will add one more repository in command mode

```
add-apt-repository ppa:gnome-shell-extensions/ppa
```

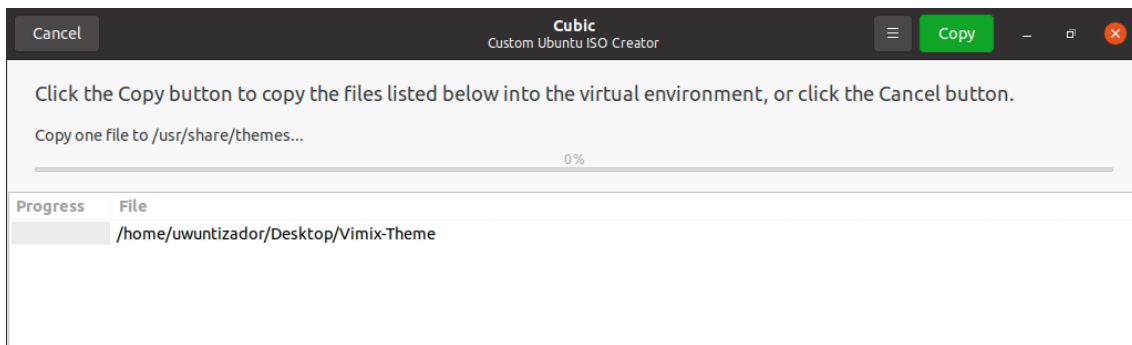
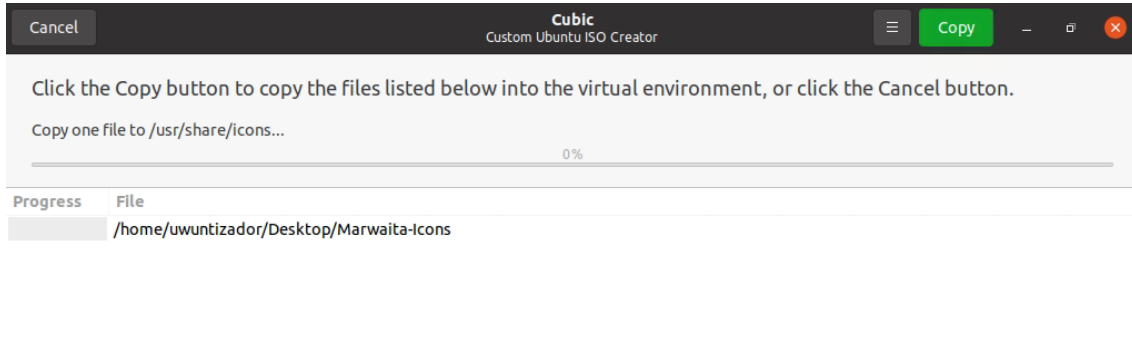
After having updated the repositories of the Installation, we can proceed to install some of the apps

```
dpkg --add-architecture i386.  
apt install net-tools  
apt install calibre  
apt install qbittorrent  
apt install vlc  
apt install chrome-gnome-shell  
apt install gnome-tweak-tool  
apt install curl  
apt install synaptic  
apt install aptitude  
apt install *dash-to-dock*  
apt install gnome-shell-extension-bluetooth-quick-connect
```

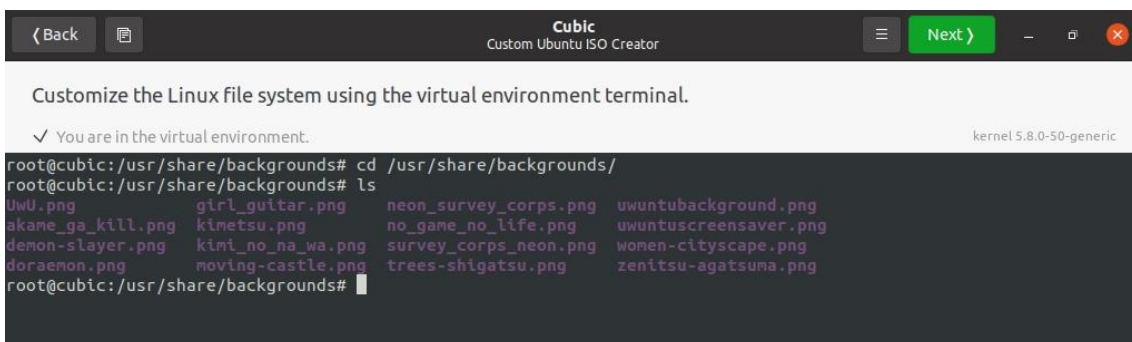


Once we have everything we wanted installed, we will proceed on customizing this distribution

First we will be adding icons and themes, we chose Marwaita for icons and vimix on themes.



Then we will be changing the backgrounds on /usr/share/backgrounds



And edit the files at /usr/share/gnome-background-properties/



```
GNU nano 4.8 focal-wallpapers.xml
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE wallpapers SYSTEM "gnome-wp-list.dtd">
<wallpapers>
  <wallpaper>
    <name>Akame</name>
    <filename>/usr/share/backgrounds/akame_ga_kill.png</filename>
    <options>zoom</options>
    <pcolor>#000000</pcolor>
    <scolor>#000000</scolor>
    <shade_type>solid</shade_type>
  </wallpaper>
  <wallpaper>
    <name>Tanjiro</name>
    <filename>/usr/share/backgrounds/demon-slayer.png</filename>
    <options>zoom</options>
    <pcolor>#000000</pcolor>
    <scolor>#000000</scolor>
  </wallpaper>
  <wallpaper>
    <name xml:lang="ug">UwUntu</name>
    <name xml:lang="uk">UwUntu</name>
    <name xml:lang="uz">UwUntu</name>
    <name xml:lang="zh_CN">UwUntu</name>
    <filename>/usr/share/backgrounds/uwuntubackground.png</filename>
    <options>zoom</options>
    <pcolor>#2c001e</pcolor>
    <scolor>#2c001e</scolor>
  </wallpaper>
  <wallpaper>
    <name xml:lang="uk">UwUntu Greyskeyl</name>
    <name xml:lang="uz">UwUntu Greyskeyl</name>
    <filename>/usr/share/backgrounds/uwuntuscreensaver.png</filename>
    <options>zoom</options>
    <pcolor>#333333</pcolor>
    <scolor>#333333</scolor>
  </wallpaper>
</wallpapers>

^G Get Help      ^O Write Out    ^W Where Is     ^K Cut Text     ^J Justify      ^C Cur Pos      M-U Undo
^X Exit          ^R Read File    ^\ Replace      ^U Paste Text   ^T To Spell     ^ Go To Line    M-E Redo
```

Now we will proceed on changing the defaults for the first time we initialize the SO for that purpose, we will need to use the command:

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



```

Cubic Custom Ubuntu ISO Creator
Customize the Linux file system using the virtual environment terminal.
✓ You are in the virtual environment. kernel 5.8.0-50-generic
GNU nano 4.8 /usr/share/glib-2.0/schemas/10_ubuntu-settings.qschema.override
#####
# global settings #
#####
[org.gnome.evolution-data-server.calendar]
notify-with-tray=false
[org.gnome.shell]
favorite-apps = [ 'opera.desktop', 'steam.desktop', 'org.gnome.Nautilus.desktop', 'snap-store_ubuntu-software.d
[org.gnome.desktop.background]
picture-uri = 'file:///usr/share/backgrounds/uwuntubackground.png'
[org.gnome.desktop.screensaver]
picture-uri = 'file:///usr/share/backgrounds/uwuntuscreensaver.png'
[org.gnome.desktop.sound]
theme-name = 'Yaru'
input-feedback-sounds = true
[org.gnome.desktop.session]
session-name = "UwUntu"
[org.gnome.Epiphany]
default-search-engine = 'Google'
search-engines = [('DuckDuckGo', 'https://duckduckgo.com/?q=%s&t=canonical', '!ddg'), ('Google', 'https://ww
[org.gnome.crypto.pgp]
keyservers = ['hkp://keyserver.ubuntu.com:11371', 'ldap://keyserver.pgp.com']
Read 211 lines
^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^C Cur Pos M-U Undo
^X Exit ^R Read File ^\ Replace ^U Paste Text ^T To Spell ^_ Go To Line M-E Redo

```

Once it is done, we will need to use the command:

```
glib-compile-schemas /usr/share/glib-2.0/schemas/
```

Then we can also change the login icon on:

`/usr/share/Plymouth/`

```

root@cubic:/# cd /usr/share/plymouth/
root@cubic:/usr/share/plymouth# ls
themes  ubuntu-logo.png
root@cubic:/usr/share/plymouth#

```

Here we will a .png called Ubuntu-logo.png, where we can change it for any other that we would like to see when booting the system.

Note, it is important to not change the name as the system searches for that specific name when booting.

Now we will also change the charging spinner at

`/usr/share/Plymouth/themes/spinner`, in here we will have to change image to image the charging logo and the .svg



```
Customize the Linux file system using the virtual environment terminal.
✓ You are in the virtual environment. kernel 5.8.0-50-generic

root@cubic:/usr/share/plymouth/themes/spinner# la
animation-0001.png animation-0016.png animation-0031.png throbber-0003.png throbber-0018.png
animation-0002.png animation-0017.png animation-0032.png throbber-0004.png throbber-0019.png
animation-0003.png animation-0018.png animation-0033.png throbber-0005.png throbber-0020.png
animation-0004.png animation-0019.png animation-0034.png throbber-0006.png throbber-0021.png
animation-0005.png animation-0020.png animation-0035.png throbber-0007.png throbber-0022.png
animation-0006.png animation-0021.png animation-0036.png throbber-0008.png throbber-0023.png
animation-0007.png animation-0022.png bullet.png throbber-0009.png throbber-0024.png
animation-0008.png animation-0023.png capslock.png throbber-0010.png throbber-0025.png
animation-0009.png animation-0024.png entry.png throbber-0011.png throbber-0026.png
animation-0010.png animation-0025.png keyboard.png throbber-0012.png throbber-0027.png
animation-0011.png animation-0026.png keymap-render.png throbber-0013.png throbber-0028.png
animation-0012.png animation-0027.png lock.png throbber-0014.png throbber-0029.png
animation-0013.png animation-0028.png spinner.plymouth throbber-0015.png throbber-0030.png
animation-0014.png animation-0029.png throbber-0001.png throbber-0016.png throbber.svg
animation-0015.png animation-0030.png throbber-0002.png throbber-0017.png watermark.png
root@cubic:/usr/share/plymouth/themes/spinner#
```

After we are done, we will need to use the following command to update the booting screen.

```
update-initramfs -u
```

To have our favourite apps loaded by default the first time we boot our OS we will need to make the following arrangements.

Create a user profile in `/etc/dconf/profile/user`:

```
user-db:user
system-db:local
```

Create a local database for machine-wide settings in `/etc/dconf/db/local.d/00extensions`:

```
[org/gnome/shell]
# List all extensions that you want to have enabled for all users
enabled-extensions=['myextension1@myname.example.com',
'myextension2@myname.example.com']
```

Update the system databases:

```
dconf update
```

Now onto changing our release name we will need to do one more step, and it will be changing the os release:

```
nano /etc/os-release
```



```

Cubic
Custom Ubuntu ISO Creator

Customize the Linux file system using the virtual environment terminal.
✓ You are in the virtual environment. kernel 5.8.0-50-generic

GNU nano 4.8 /etc/os-release Modified
NAME="UwUntu"
VERSION="20.04.2 LTS (Mochi Mango)"
ID=uwuntu
ID_LIKE=debian
PRETTY_NAME="UwUntu"
VERSION_ID="21.04"
HOME_URL="https://www.uwuntuos.site/"
SUPPORT_URL="https://askubuntu.com/"
BUG_REPORT_URL="https://bugs.launchpad.net/uwuntu/"
PRIVACY_POLICY_URL="https://www.uwuntuos.site/privacy-policy"
VERSION_CODENAME=mochi
UBUNTU_CODENAME=mochi

```

The last steps will be made to config the installation of our OS

First we will change the menu where it says to install our OS and it says the name, we will arrange the files at /usr/share/ubiquity/gtk with the command

nano /usr/share/ubiquity/gtk

```

Cubic
Custom Ubuntu ISO Creator

Customize the Linux file system using the virtual environment terminal.
✓ You are in the virtual environment. kernel 5.8.0-50-generic

GNU nano 4.8 stepLanguage.ui Modified
<property name="bottom_attach">2</property>
<property name="x_options">GTK_EXPAND | GTK_SHRINK</property>
</packing>
</child>
<child>
<object class="GtkButton" id="try_ubuntu">
<property name="label" translatable="yes">Try ${RELEASE}</property>
<property name="visible">True</property>
<property name="can_focus">True</property>
<property name="receives_default">True</property>
<property name="use_action_appearance">False</property>
<child internal-child="accessible">
<object class="AtkObject" id="try_ubuntu-atkobject">
<property name="AtkObject::accessible-name" translatable="yes">Try UwUntu</property>
</object>
</child>
</object>
</packing>
<property name="top_attach">1</property>
<property name="bottom_attach">2</property>
<property name="x_options">GTK_EXPAND | GTK_SHRINK</property>
</packing>
</child>
</object>
<packing>
<property name="expand">True</property>
<property name="fill">True</property>
<property name="position">0</property>
</packing>

```

Now we will need to change the slides on /usr/share/ubiquity-slideshow

We would need to change it on every language if we wanted to show it properly



```
Cubic Custom Ubuntu ISO Creator
Customize the Linux file system using the virtual environment terminal.
✓ You are in the virtual environment. kernel 5.8.0-50-generic
root@cubic:/# cd /usr/share/ubiquity-slideshow/slides
root@cubic:/usr/share/ubiquity-slideshow/slides# la
accessibility.html  directory.jsonp  icons           link-core       office.html     screenshots     welcome.html
browse.html         gethelp.html     index.html      link            music.html      photos.html     usc.html
root@cubic:/usr/share/ubiquity-slideshow/slides#

Customize the Linux file system using the virtual environment terminal.
✓ You are in the virtual environment. kernel 5.8.0-50-generic
root@cubic:/# cd /usr/share/ubiquity-slideshow/slides
root@cubic:/usr/share/ubiquity-slideshow/slides# la
accessibility.html  directory.jsonp  icons           link-core       office.html     screenshots     welcome.html
browse.html         gethelp.html     index.html      link            music.html      photos.html     usc.html
root@cubic:/usr/share/ubiquity-slideshow/slides# cd screenshots/
root@cubic:/usr/share/ubiquity-slideshow/slides/screenshots# ls
browse.png  customize.png  gs.png  music.png  office.png  photos.png  welcome.png
root@cubic:/usr/share/ubiquity-slideshow/slides/screenshots#
```

Now we just have to compile this ISO and we're ready to go!

With love,
The UwUntu Team.