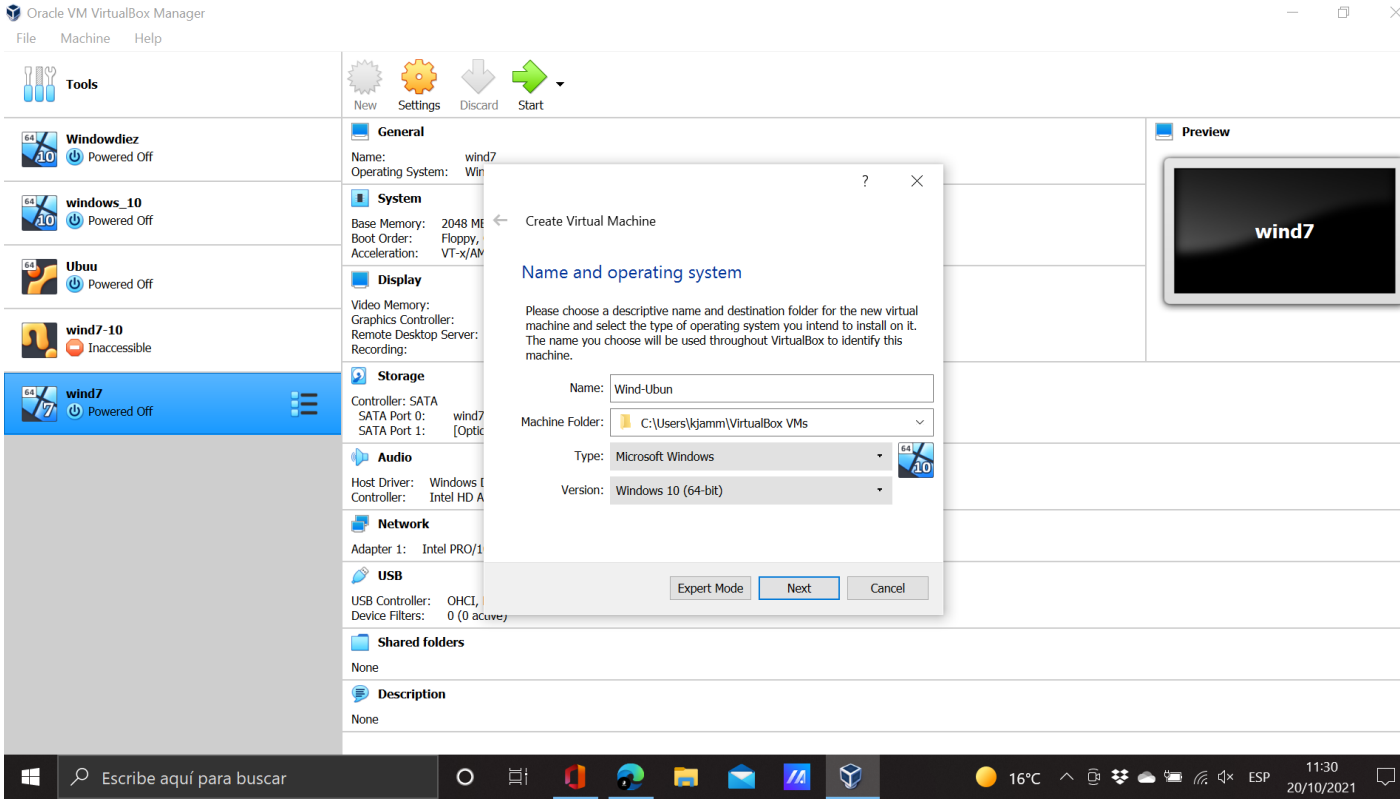
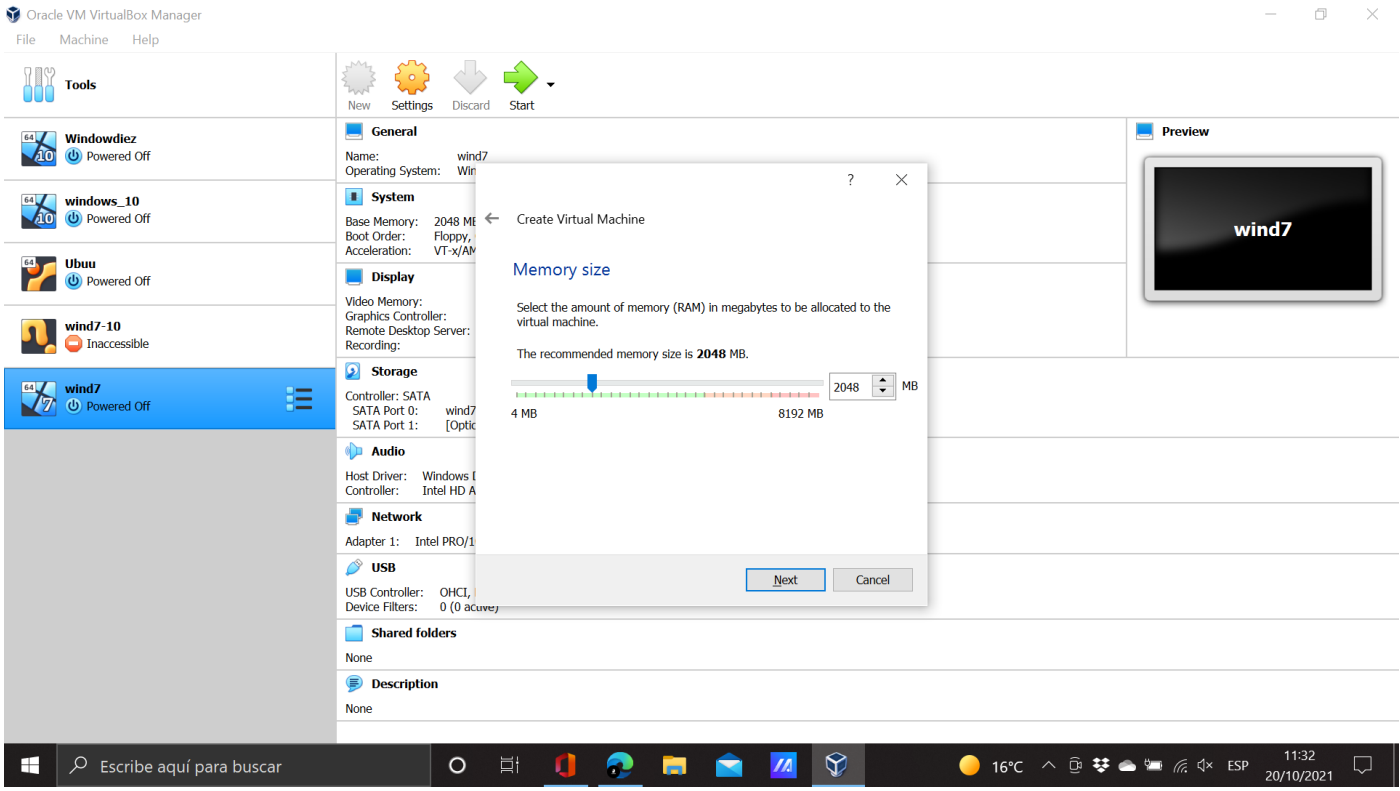
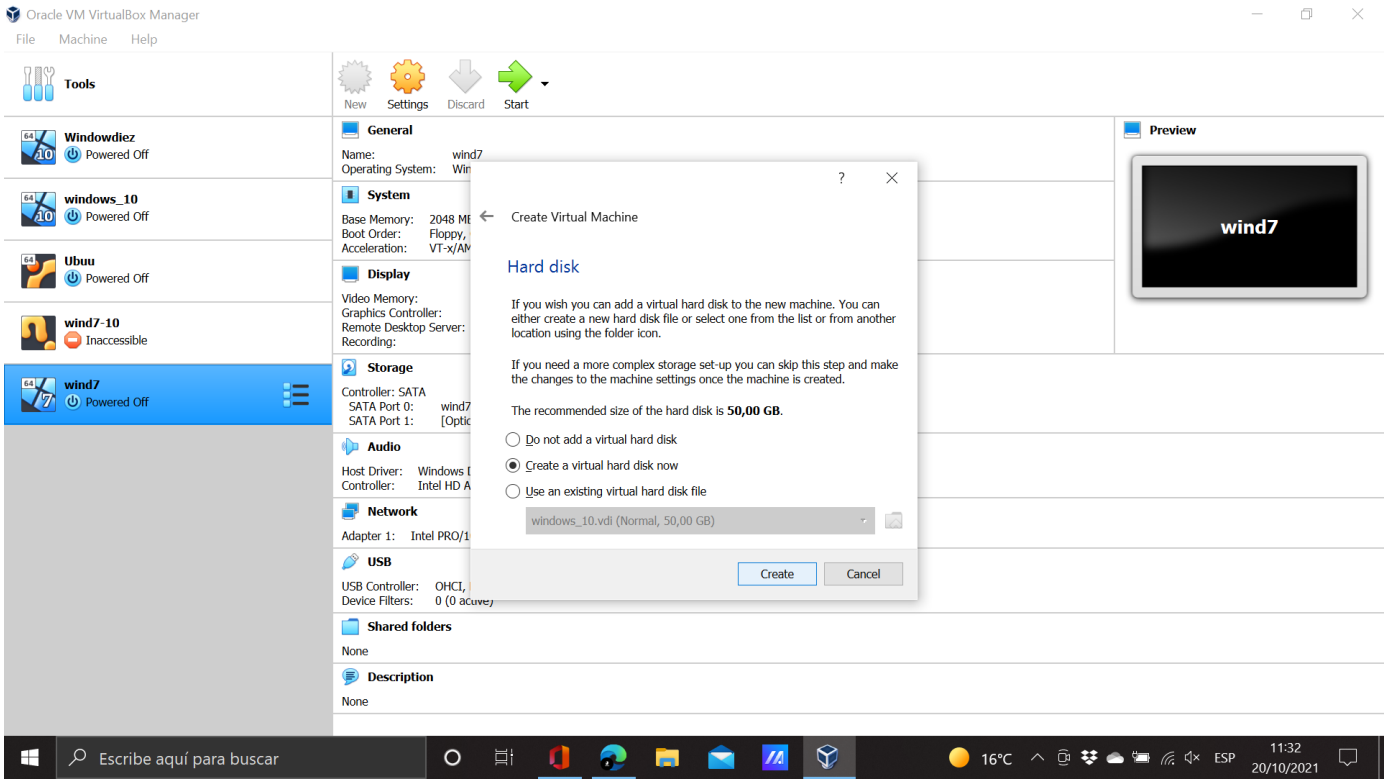
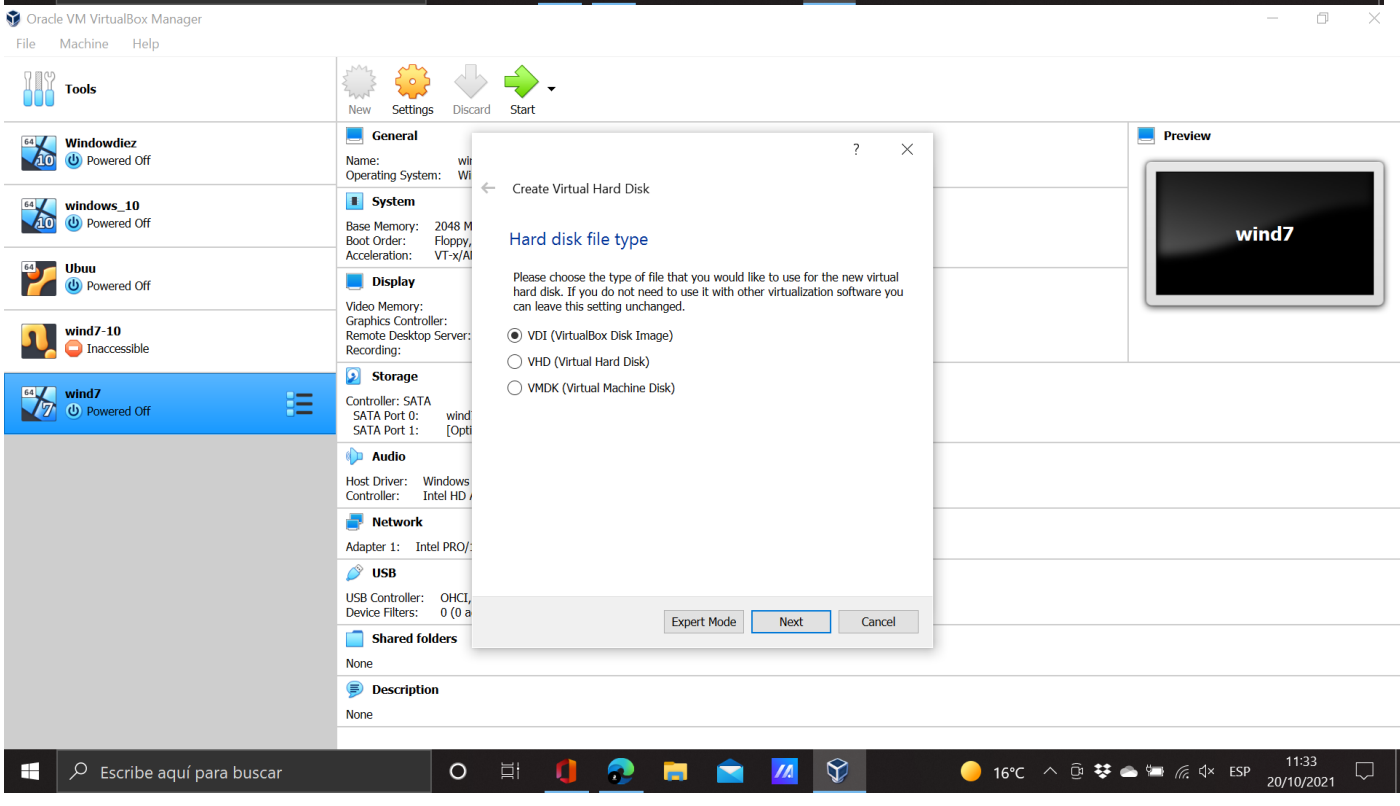
Exercise 2

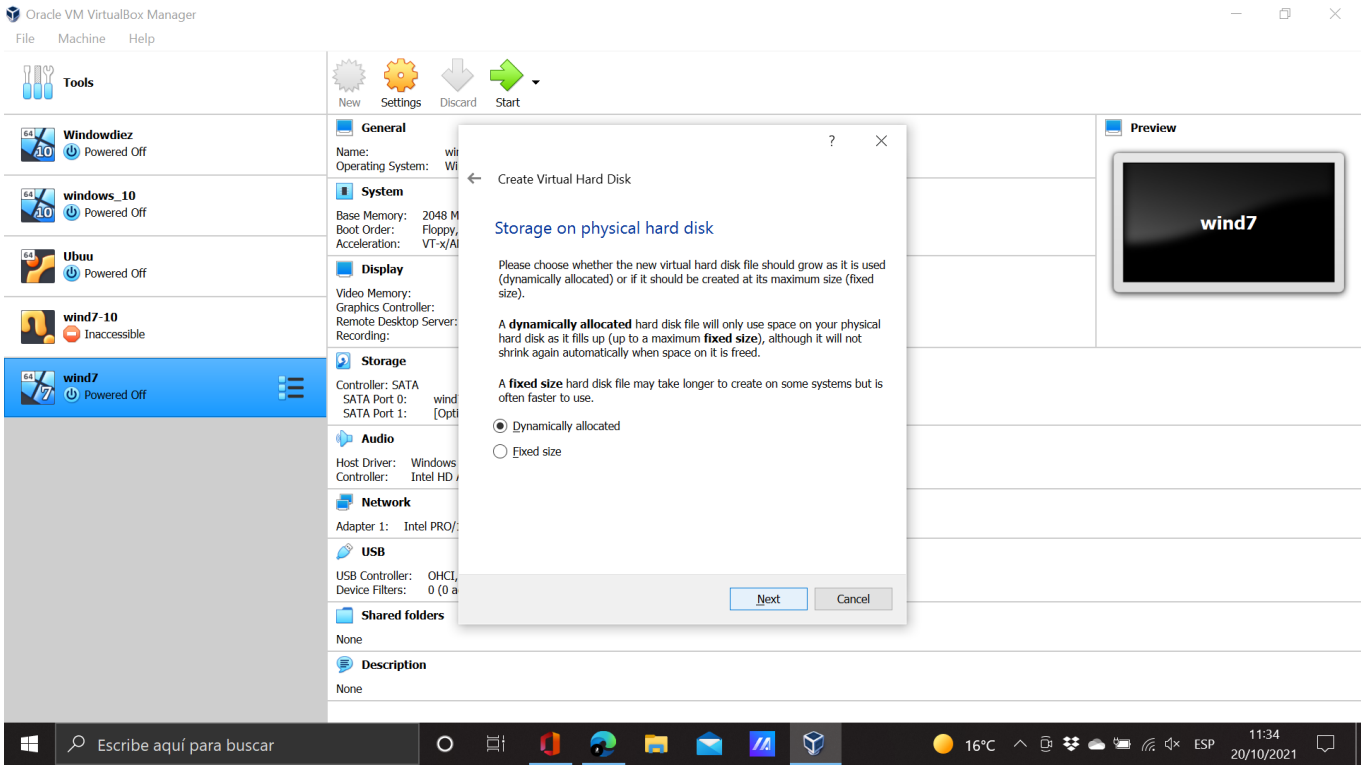
Create a virtual machine with two operating systems, Windows 7 (or Windows 10) and Ubuntu 20.04 (in this order)

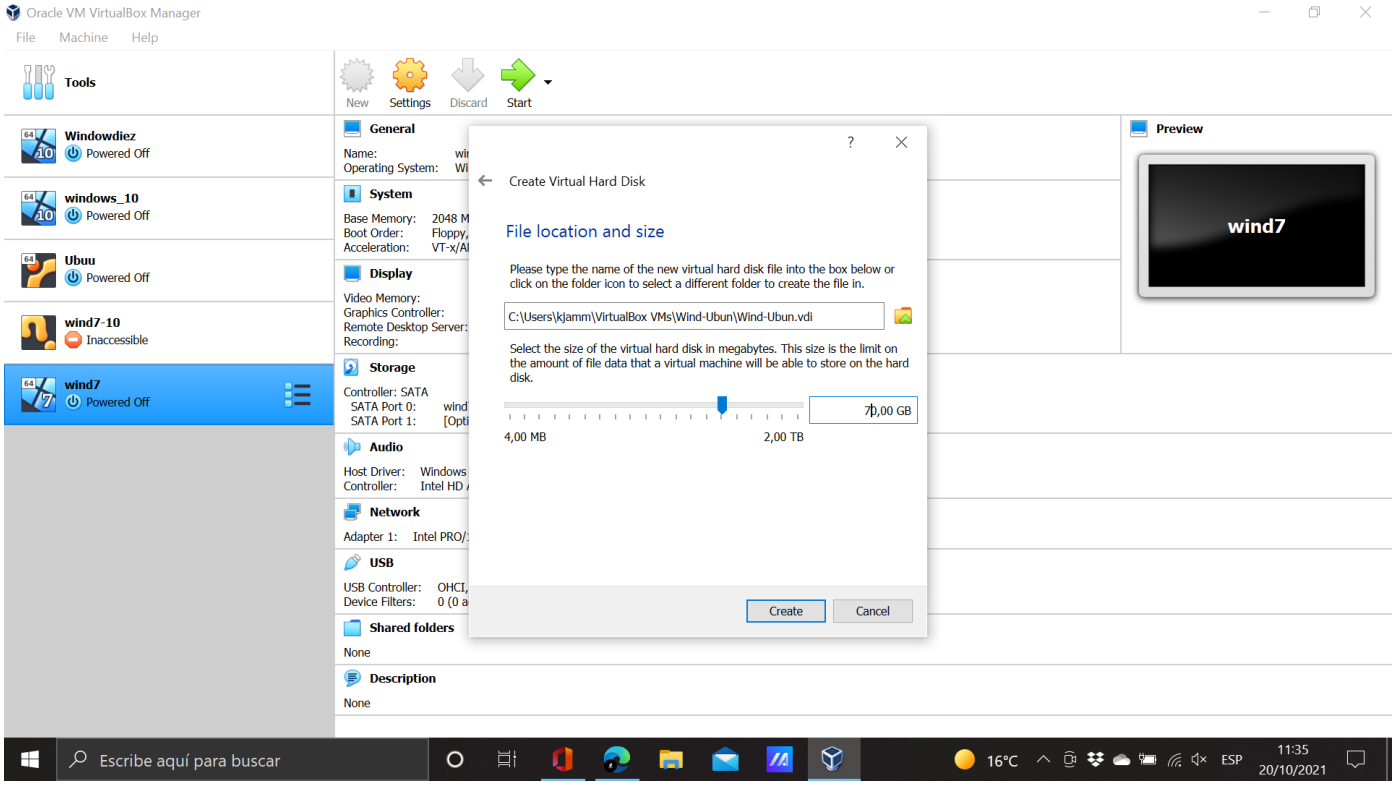




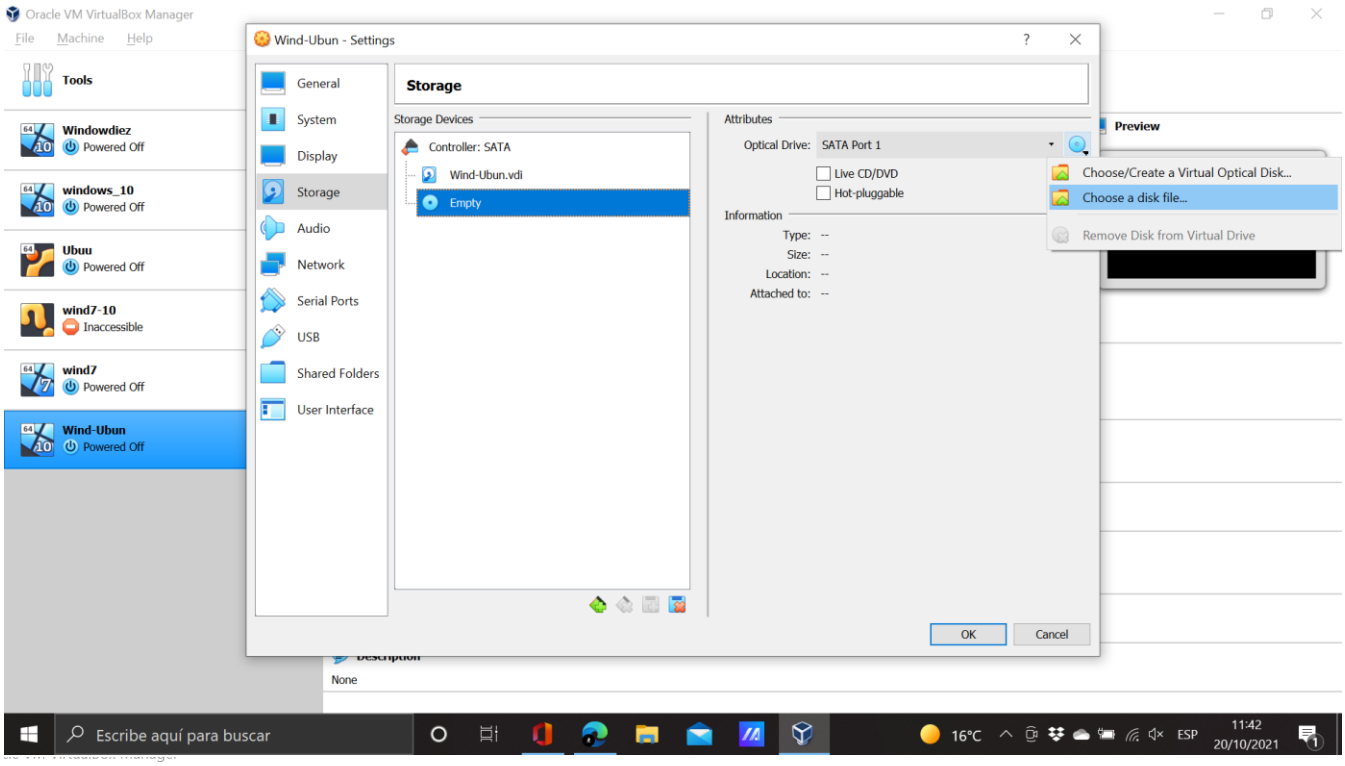

Oracle VM VirtualBox Manager
File Machine Help
Tools
New Settings Discard Start
Windowdiez Powered Off
windows_10 Powered Off
Ubuu Powered Off
wind7-10 Inaccessible
wind7 Powered Off
General
Name: wind7
Operating System:
System
Base Memory: 2048 MB
Boot Order: Floppy,
Acceleration: VT-x/AM
Display
Video Memory:
Graphics Controller:
Remote Desktop Server:
Recording:
Storage
Controller: SATA
SATA Port 0: wind7
SATA Port 1: [Optic
Audio
Host Driver: Windows
Controller: Intel HD A
Network
Adapter 1: Intel PRO/1
USB
USB Controller: OHCI,
Device Filters: 0 (0 acuve)
Shared folders
None
Description
None
Preview
wind7
Create Virtual Machine
Hard disk
If you wish you can add a virtual hard disk to the new machine. You can either create a new hard disk file or select one from the list or from another location using the folder icon.
If you need a more complex storage set-up you can skip this step and make the changes to the machine settings once the machine is created.
The recommended size of the hard disk is 50,00 GB.
Do not add a virtual hard disk
Create a virtual hard disk now
Use an existing virtual hard disk file
windows_10.vdi (Normal, 50,00 GB)
Create
Cancel
Escribe aquí para buscar
16°C
ESP
11:32
20/10/2021

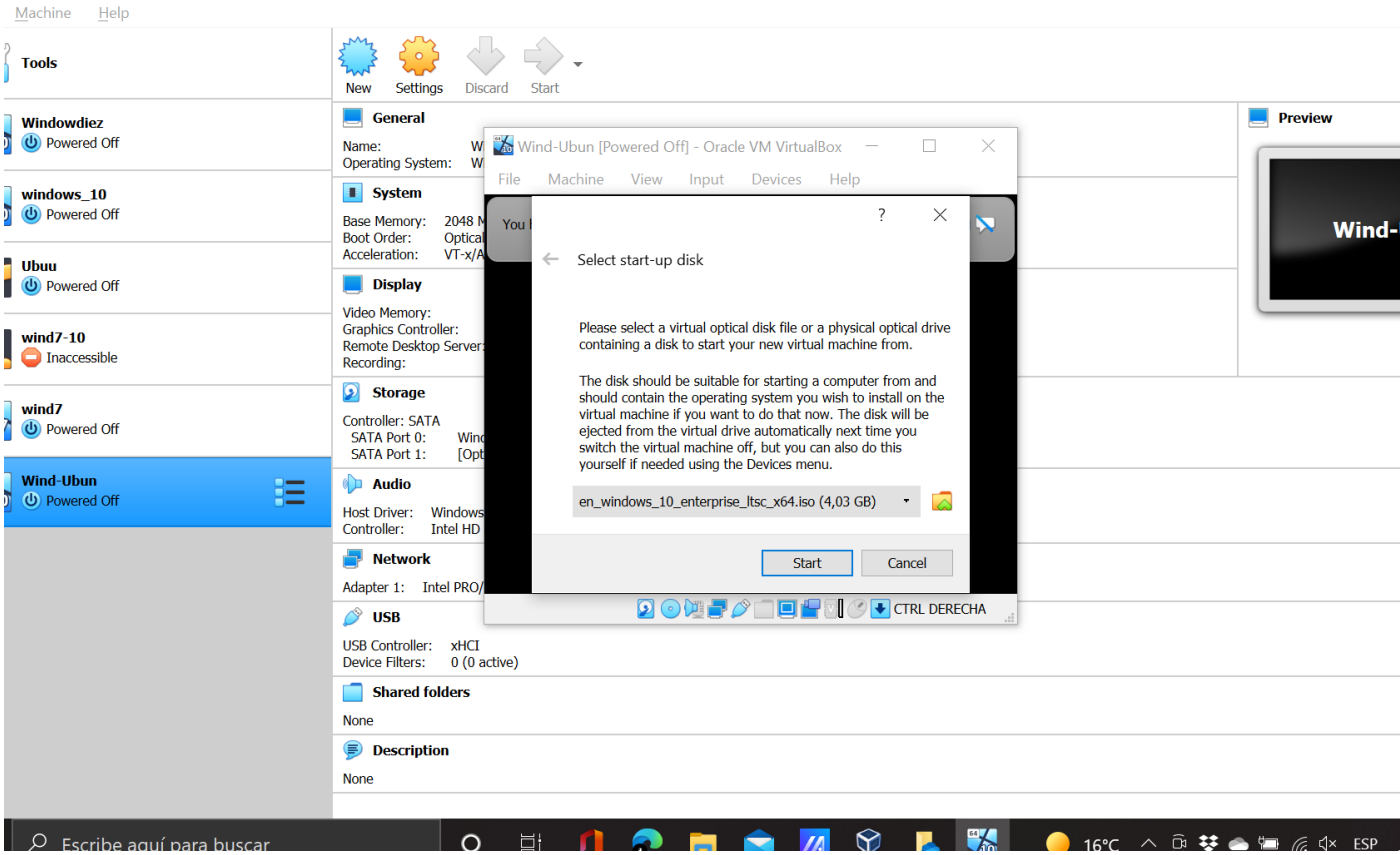

Oracle VM VirtualBox Manager
File Machine Help
Tools
New Settings Discard Start
Windowdiez Powered Off
windows_10 Powered Off
Ubuu Powered Off
wind7-10 Inaccessible
wind7 Powered Off
General
Name:
Operating System:
System
Base Memory: 2048 M
Boot Order: Floppy,
Acceleration: VT-x/A
Display
Video Memory:
Graphics Controller:
Remote Desktop Server:
Recording:
Storage
Controller: SATA
SATA Port 0: wind
SATA Port 1: [Opti
Audio
Host Driver: Windows
Controller: Intel HD
Network
Adapter 1: Intel PRO/
USB
USB Controller: OHCI,
Device Filters: 0 (0 a
Shared folders
None
Description
None
Preview
wind7
Create Virtual Hard Disk
Hard disk file type
Please choose the type of file that you would like to use for the new virtual hard disk. If you do not need to use it with other virtualization software you can leave this setting unchanged.
VDI (VirtualBox Disk Image)
VHD (Virtual Hard Disk)
VMDK (Virtual Machine Disk)
Expert Mode
Next
Cancel
Escribe aquí para buscar
16°C
ESP
11:33
20/10/2021

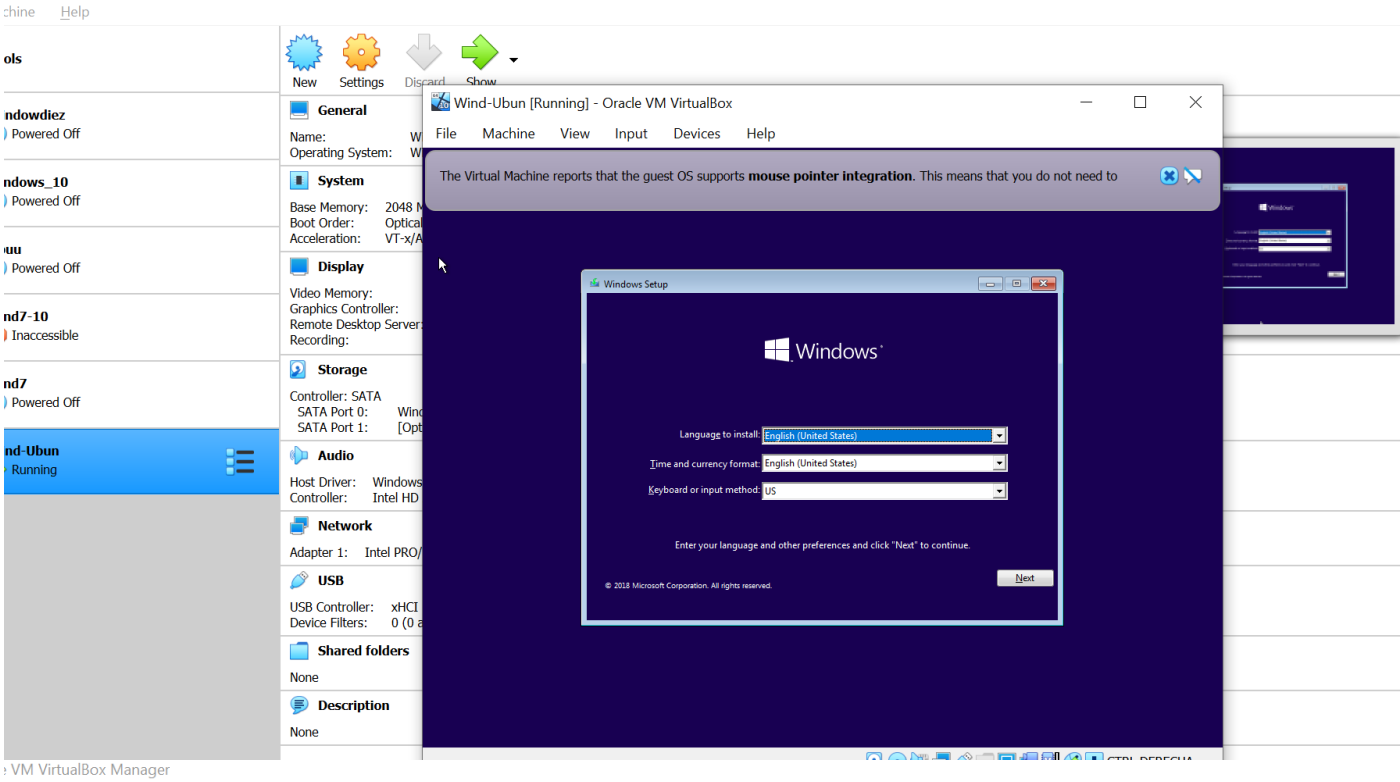


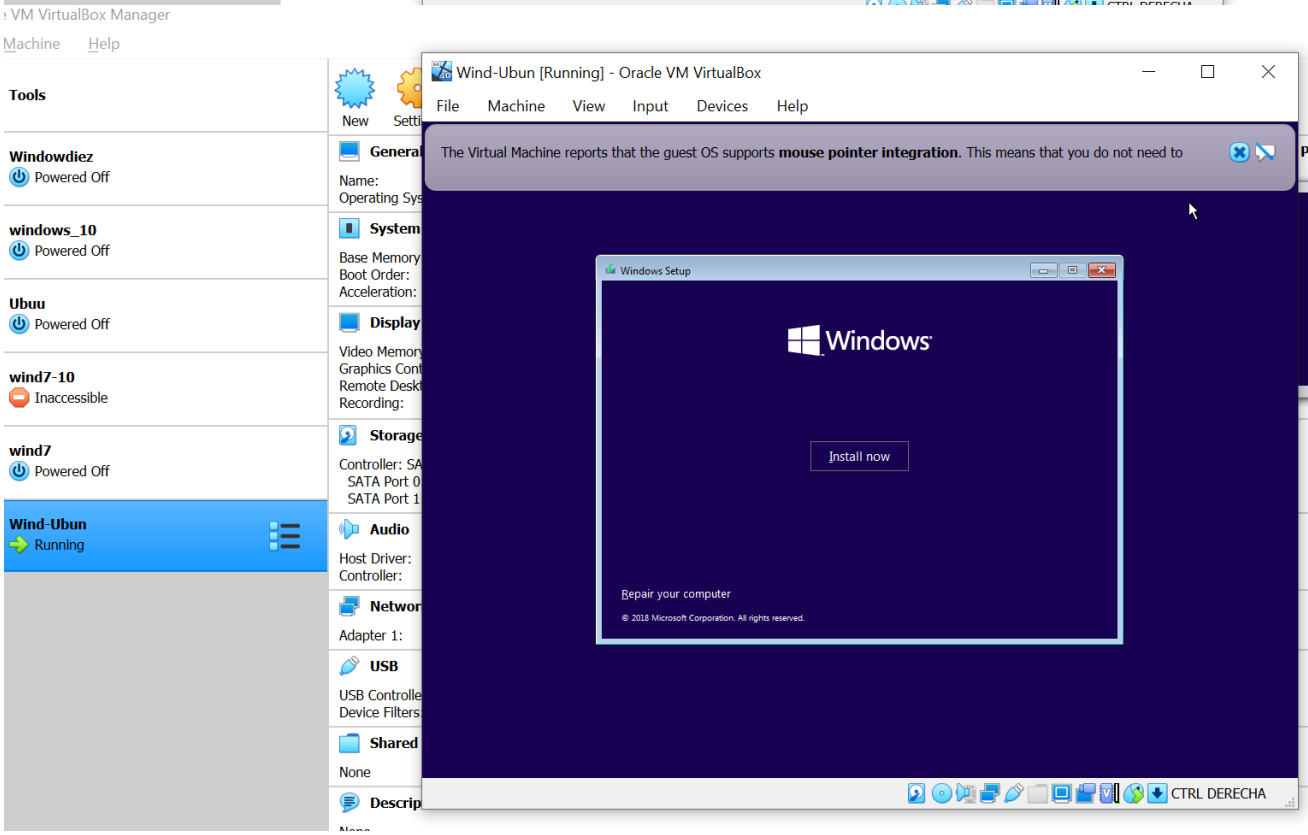


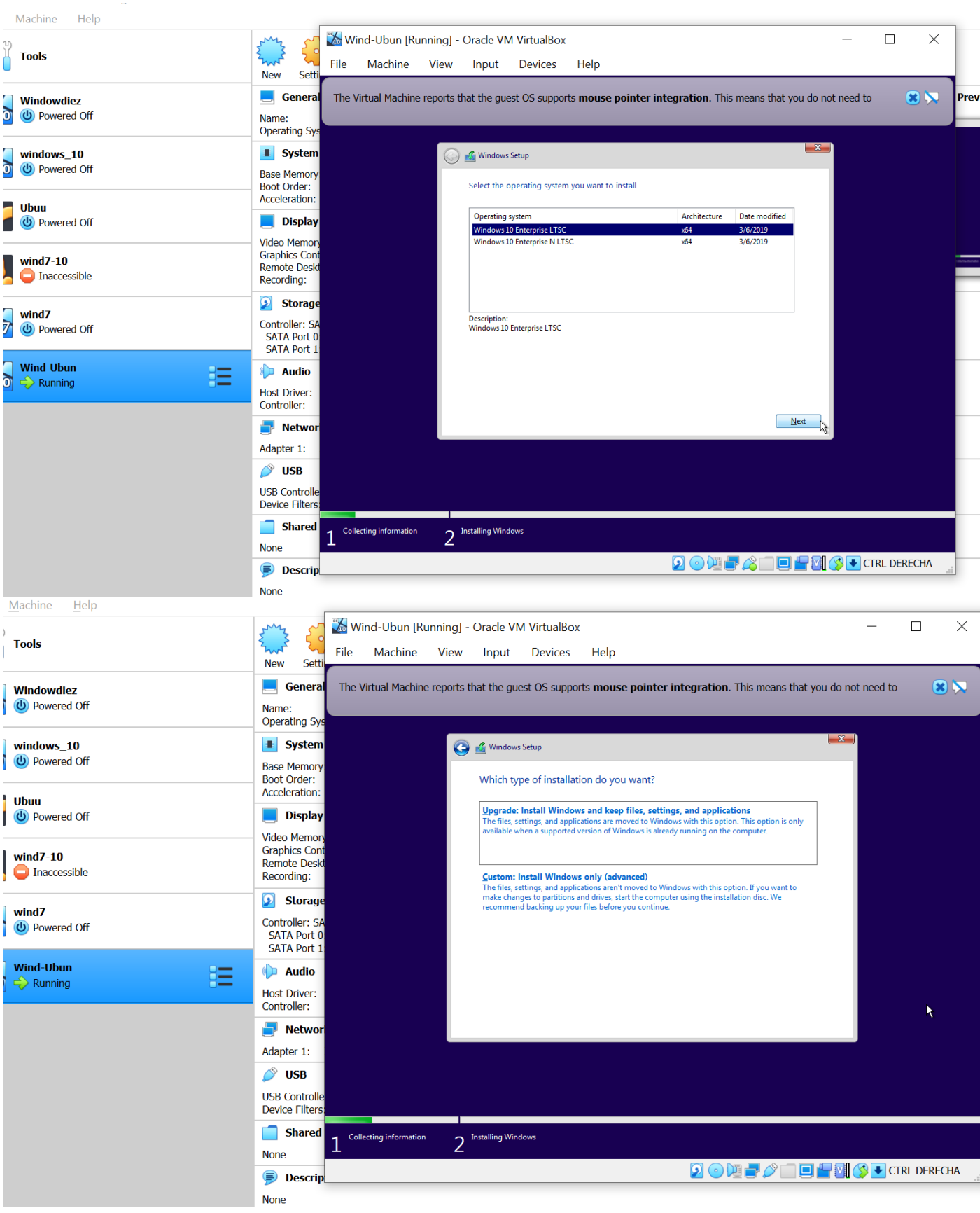
Now we install Windows 10


Oracle VM VirtualBox Manager
File Machine Help
Tools
Windowdiez
Powered Off
windows_10
Powered Off
Ubuu
Powered Off
wind7-10
Inaccessible
wind7
Powered Off
Wind-Ubun
Powered Off
Wind-Ubun - Settings
General
System
Display
Storage
Audio
Network
Serial Ports
USB
Shared Folders
User Interface
Storage
Storage Devices
Controller: SATA
Wind-Ubun.vdi
Empty
Attributes
Optical Drive: SATA Port 1
Live CD/DVD
Hot-pluggable
Information
Type: --
Size: --
Location: --
Attached to: --
Choose/Create a Virtual Optical Disk...
Choose a disk file...
Remove Disk from Virtual Drive
OK
Cancel
Preview
None
Escribe aquí para buscar
16°C
ESP
11:42
20/10/2021

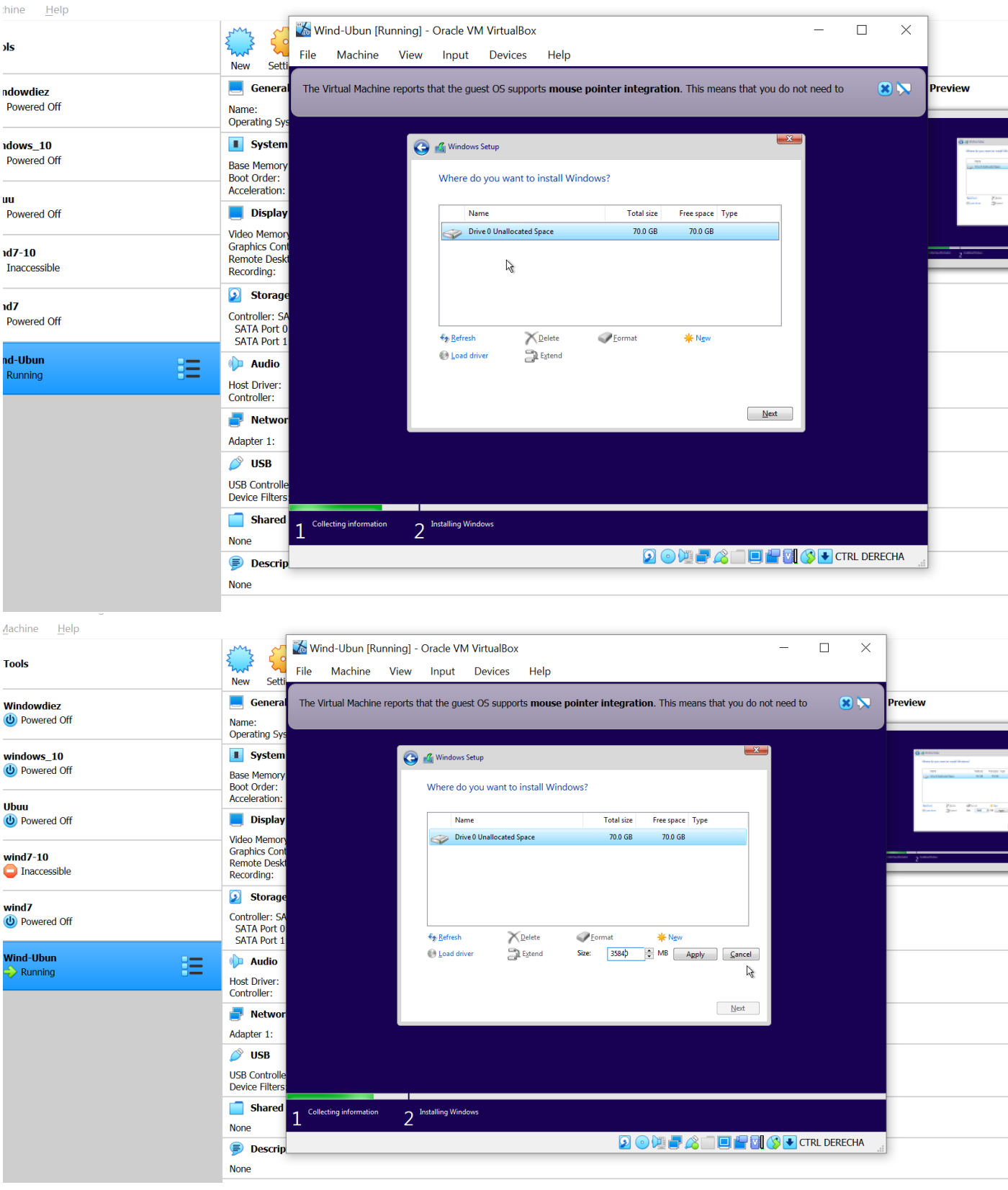

Machine Help
Tools
New
Settings
Discard
Start
Windowdiez
Powered Off
windows_10
Powered Off
Ubuu
Powered Off
wind7-10
Inaccessible
wind7
Powered Off
Wind-Ubun
Powered Off
General
Name:
Operating System:
System
Base Memory:
Boot Order:
Acceleration:
Display
Video Memory:
Graphics Controller:
Remote Desktop Server:
Recording:
Storage
Controller: SATA
SATA Port 0:
SATA Port 1:
Audio
Host Driver:
Controller:
Network
Adapter 1:
USB
USB Controller: xHCI
Device Filters: 0 (0 active)
Shared folders
None
Description
None
Preview
Wind-Ubun [Powered Off] - Oracle VM VirtualBox
File Machine View Input Devices Help
Select start-up disk
Please select a virtual optical disk file or a physical optical drive containing a disk to start your new virtual machine from.
The disk should be suitable for starting a computer from and should contain the operating system you wish to install on the virtual machine if you want to do that now. The disk will be ejected from the virtual drive automatically next time you switch the virtual machine off, but you can also do this yourself if needed using the Devices menu.
en_windows_10_enterprise_ltsc_x64.iso (4,03 GB)
Start
Cancel
CTRL DERECHA
Escribe aquí para buscar
16°C
ESP

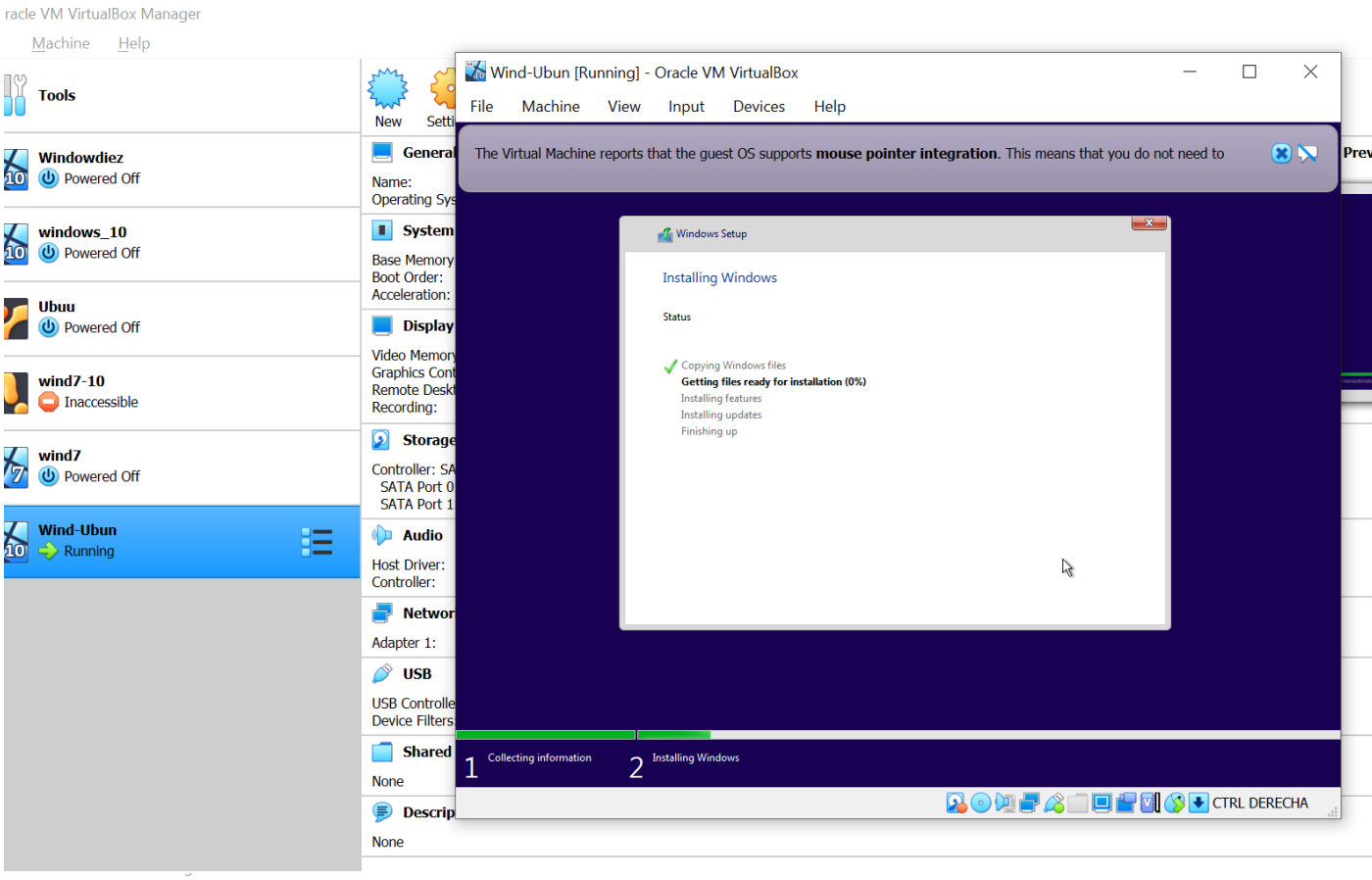

Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
The Virtual Machine reports that the guest OS supports mouse pointer integration. This means that you do not need to
Windows Setup
Windows
Language to install: English (United States)
Time and currency format: English (United States)
Keyboard or input method: US
Enter your language and other preferences and click "Next" to continue.
© 2018 Microsoft Corporation. All rights reserved.
Next
New
Settings
Discard
Show
General
System
Display
Storage
Audio
Network
USB
Shared folders
Description
None
Powered Off
Inaccessible
Running

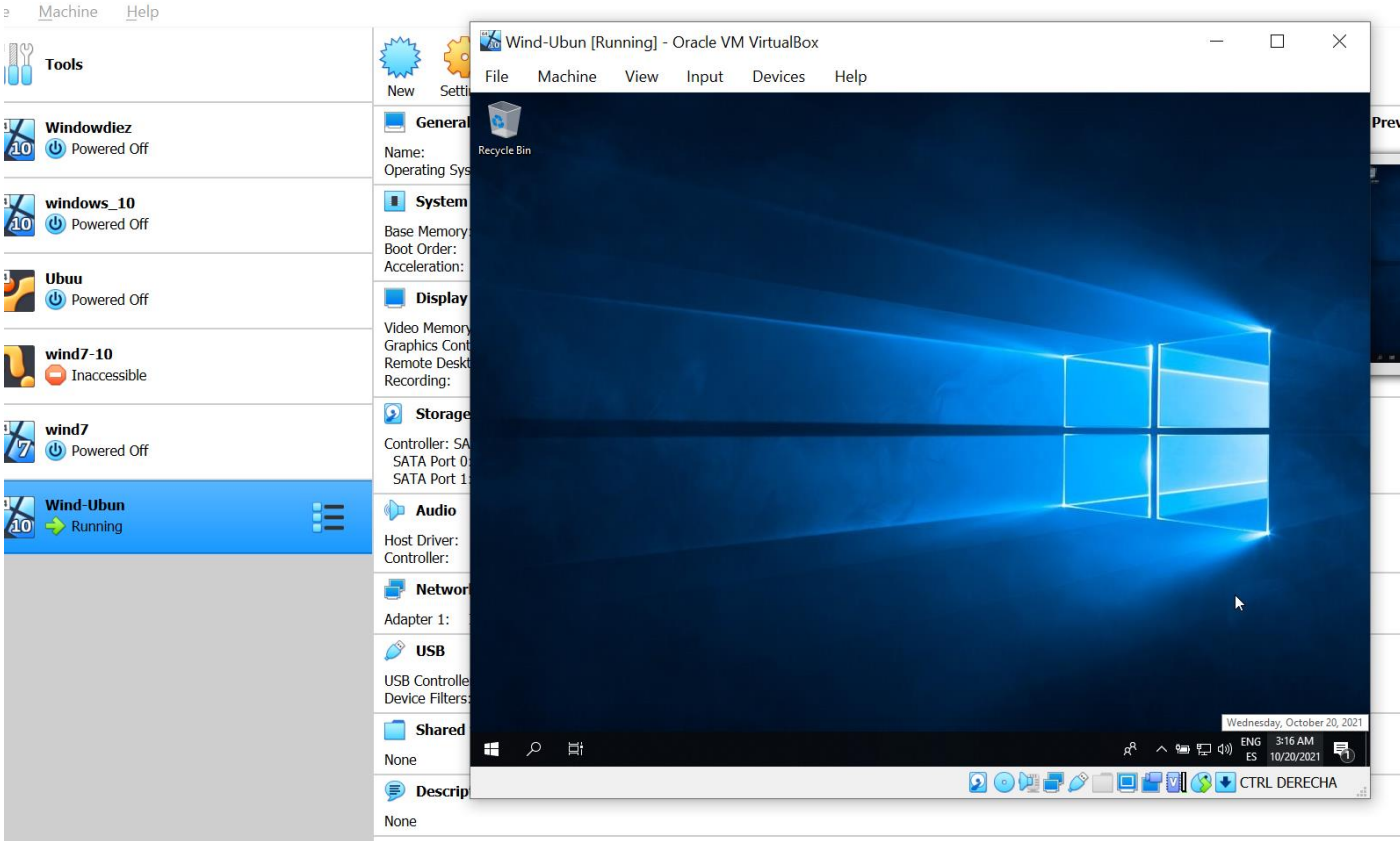

VM VirtualBox Manager
Machine Help
Tools
Windowdiez
windows_10
Ubuu
wind7-10
wind7
Wind-Ubun
Powered Off
Inaccessible
Running
New
Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
The Virtual Machine reports that the guest OS supports mouse pointer integration. This means that you do not need to
Windows Setup
Windows
Install now
Repair your computer
© 2018 Microsoft Corporation. All rights reserved.
CTRL DERECHA
Preview



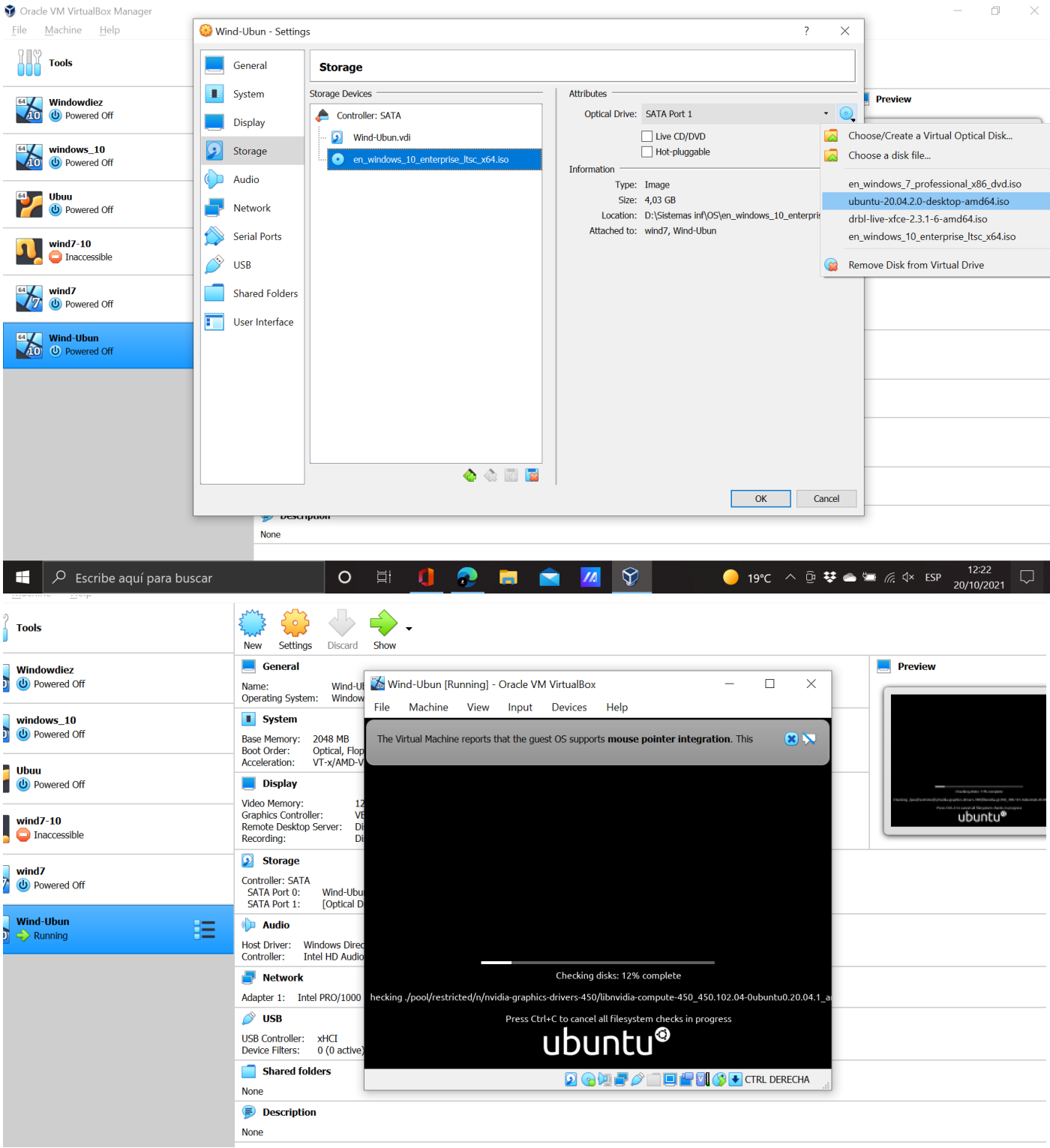
We need to create a new disk for the Ubuntu OS

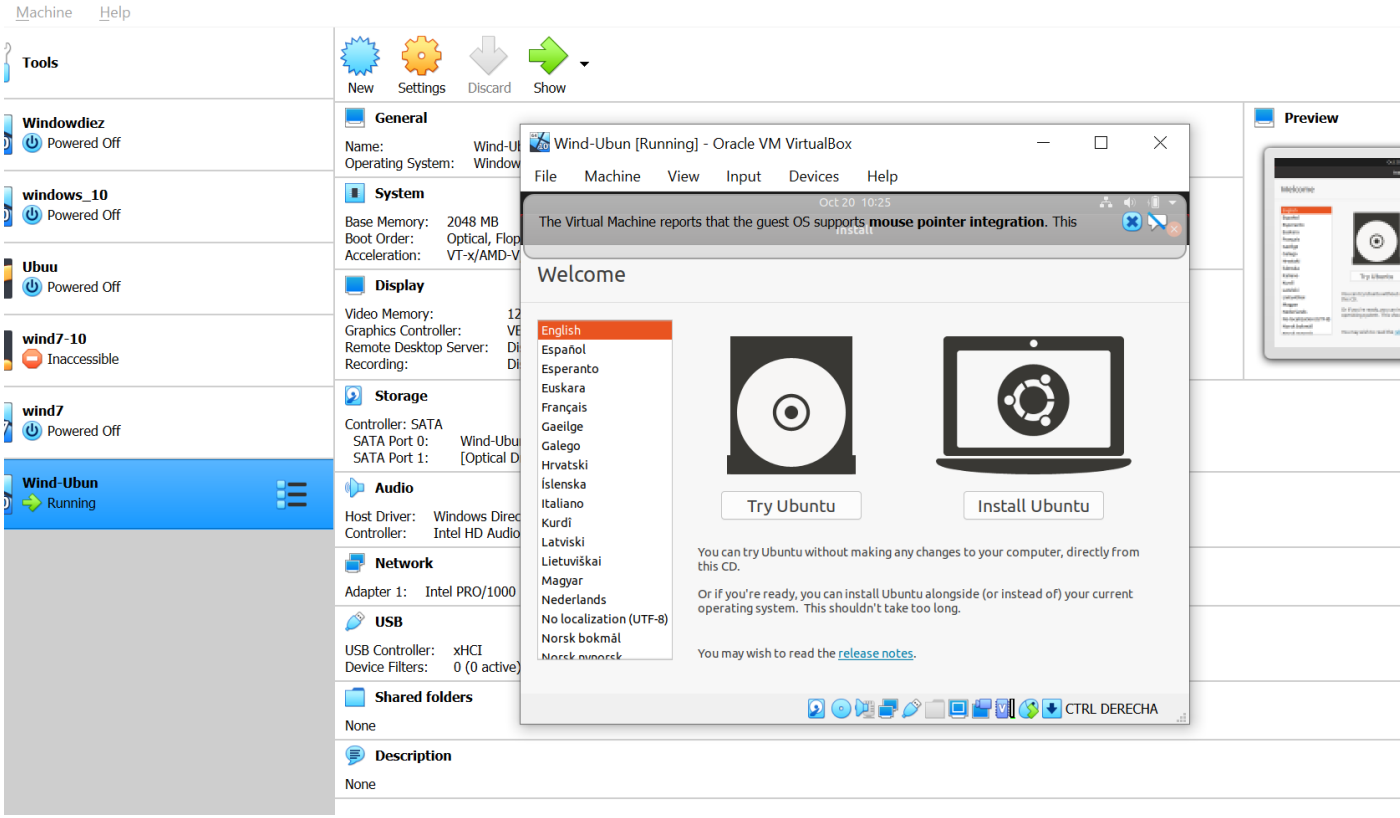

Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
The Virtual Machine reports that the guest OS supports mouse pointer integration. This means that you do not need to
Windows Setup
Where do you want to install Windows?
Name Total size Free space Type
Drive 0 Unallocated Space 70.0 GB 70.0 GB
Refresh Delete Format New
Load driver Extend
Next
1 Collecting information
2 Installing Windows
CTRL DERECHA
Tools
Windowdiez Powered Off
windows_10 Powered Off
Ubuu Powered Off
wind7-10 Inaccessible
wind7 Powered Off
Wind-Ubun Running
New
Preview
Audio
USB
Shared
None

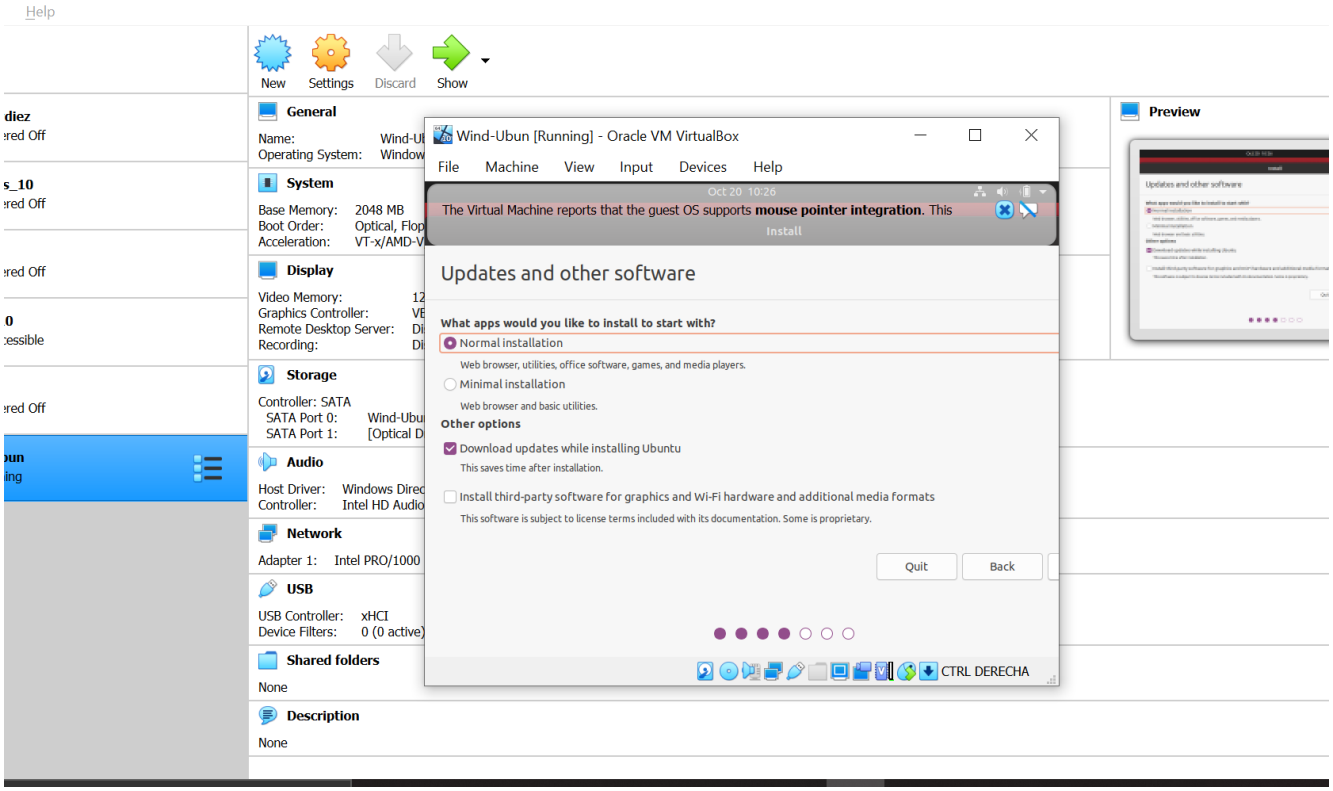


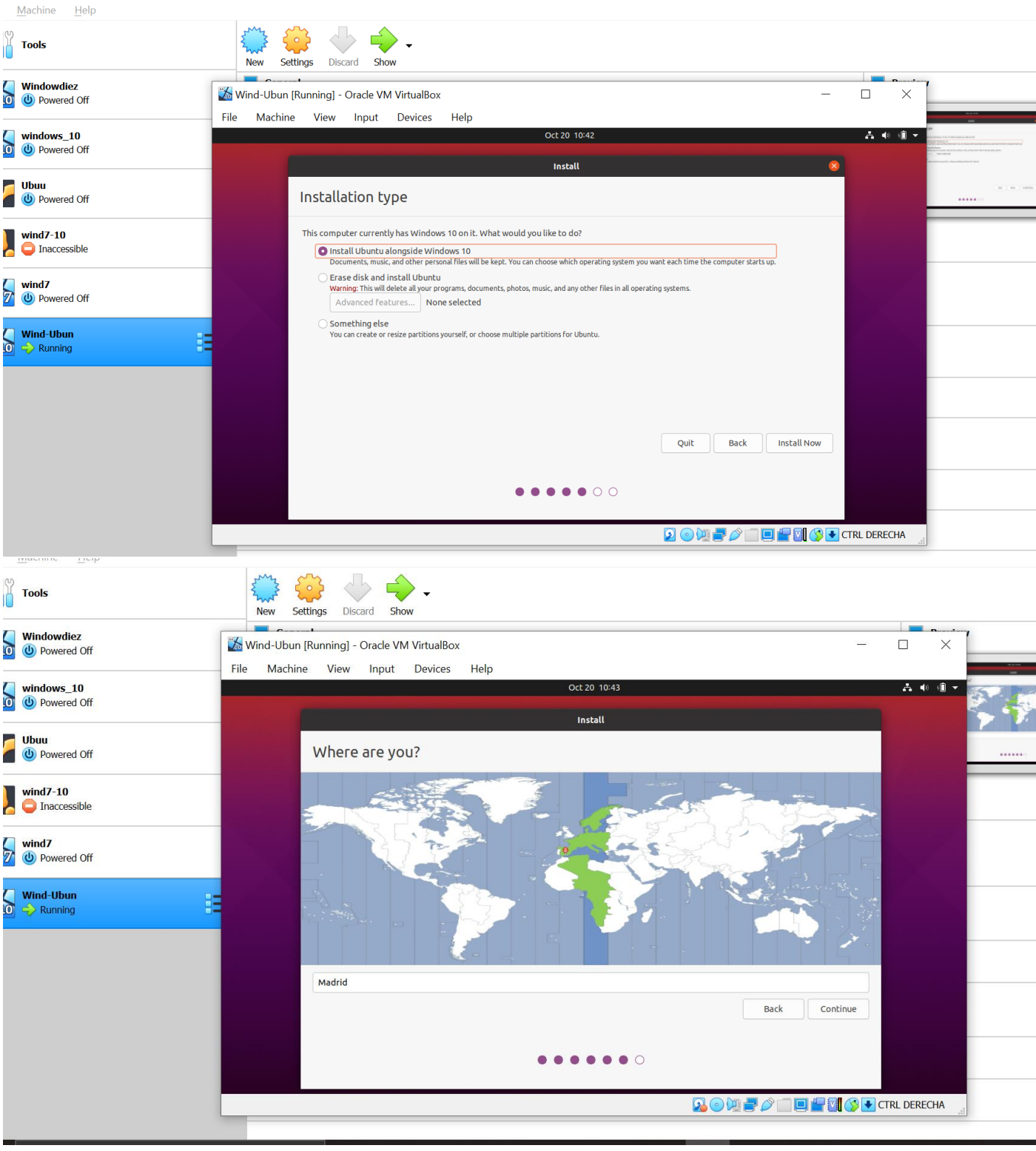


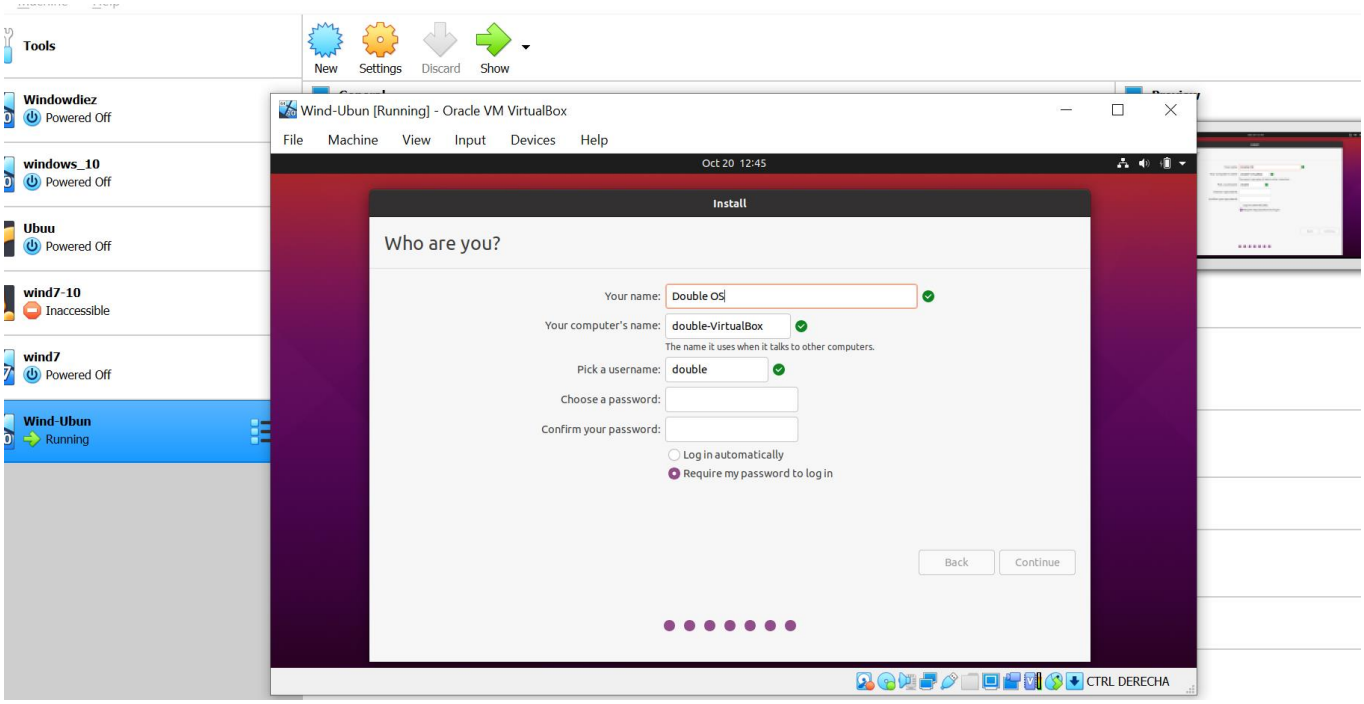
We are ready to install now Ubuntu

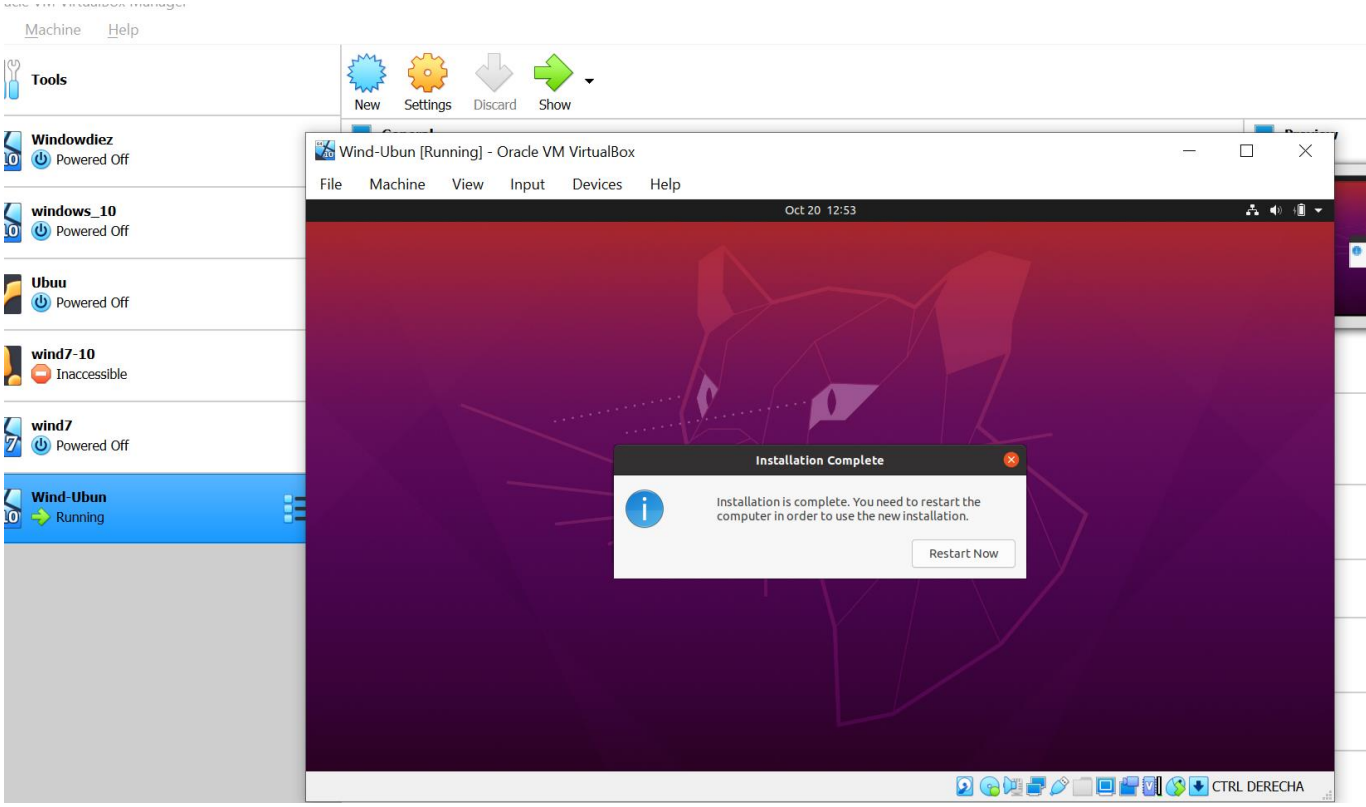

Oracle VM VirtualBox Manager
File Machine Help
Tools
Windowdiez
Powered Off
windows_10
Powered Off
Ubuu
Powered Off
wind7-10
Inaccessible
wind7
Powered Off
Wind-Ubun
Powered Off
Wind-Ubun - Settings
General
System
Display
Storage
Audio
Network
Serial Ports
USB
Shared Folders
User Interface
Storage
Storage Devices
Controller: SATA
Wind-Ubun.vdi
en_windows_10_enterprise_ltsc_x64.iso
Attributes
Optical Drive: SATA Port 1
Live CD/DVD
Hot-pluggable
Information
Type: Image
Size: 4,03 GB
Location: D:\Sistemas inf\OS\en_windows_10_enterpris
Attached to: wind7, Wind-Ubun
Choose/Create a Virtual Optical Disk...
Choose a disk file...
en_windows_7_professional_x86_dvd.iso
ubuntu-20.04.2.0-desktop-amd64.iso
drbl-live-xfce-2.3.1-6-amd64.iso
en_windows_10_enterprise_ltsc_x64.iso
Remove Disk from Virtual Drive
OK
Cancel
Preview
None
Escribe aquí para buscar
19°C
ESP
12:22
20/10/2021
New
Settings
Discard
Show
General
System
Display
Storage
Audio
Network
USB
Shared folders
Description
Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
The Virtual Machine reports that the guest OS supports mouse pointer integration. This
Checking disks: 12% complete
Press Ctrl+C to cancel all filesystem checks in progress
ubuntu
CTRL DERECHA


Machine
Help
Tools
Windowdiez
Powered Off
windows_10
Powered Off
Ubuu
Powered Off
wind7-10
Inaccessible
wind7
Powered Off
Wind-Ubun
Running
New
Settings
Discard
Show
General
Name:
Operating System:
System
Base Memory: 2048 MB
Boot Order: Optical, Flop
Acceleration: VT-x/AMD-V
Display
Video Memory:
Graphics Controller:
Remote Desktop Server:
Recording:
Storage
Controller: SATA
SATA Port 0:
SATA Port 1: [Optical D
Audio
Host Driver: Windows Direc
Controller: Intel HD Audio
Network
Adapter 1: Intel PRO/1000
USB
USB Controller: xHCI
Device Filters: 0 (0 active)
Shared folders
None
Description
None
Preview
Wind-Ubun [Running] - Oracle VM VirtualBox
File
Machine
View
Input
Devices
Help
The Virtual Machine reports that the guest OS supports mouse pointer integration. This
Welcome
English
Español
Esperanto
Euskara
Français
Gaeilge
Galego
Hrvatski
Íslenska
Italiano
Kurdî
Latviski
Lietuviškai
Magyar
Nederlands
No localization (UTF-8)
Norsk bokmål
Try Ubuntu
Install Ubuntu
You can try Ubuntu without making any changes to your computer, directly from this CD.
Or if you're ready, you can install Ubuntu alongside (or instead of) your current operating system. This shouldn't take too long.
You may wish to read the release notes.
CTRL DERECHA

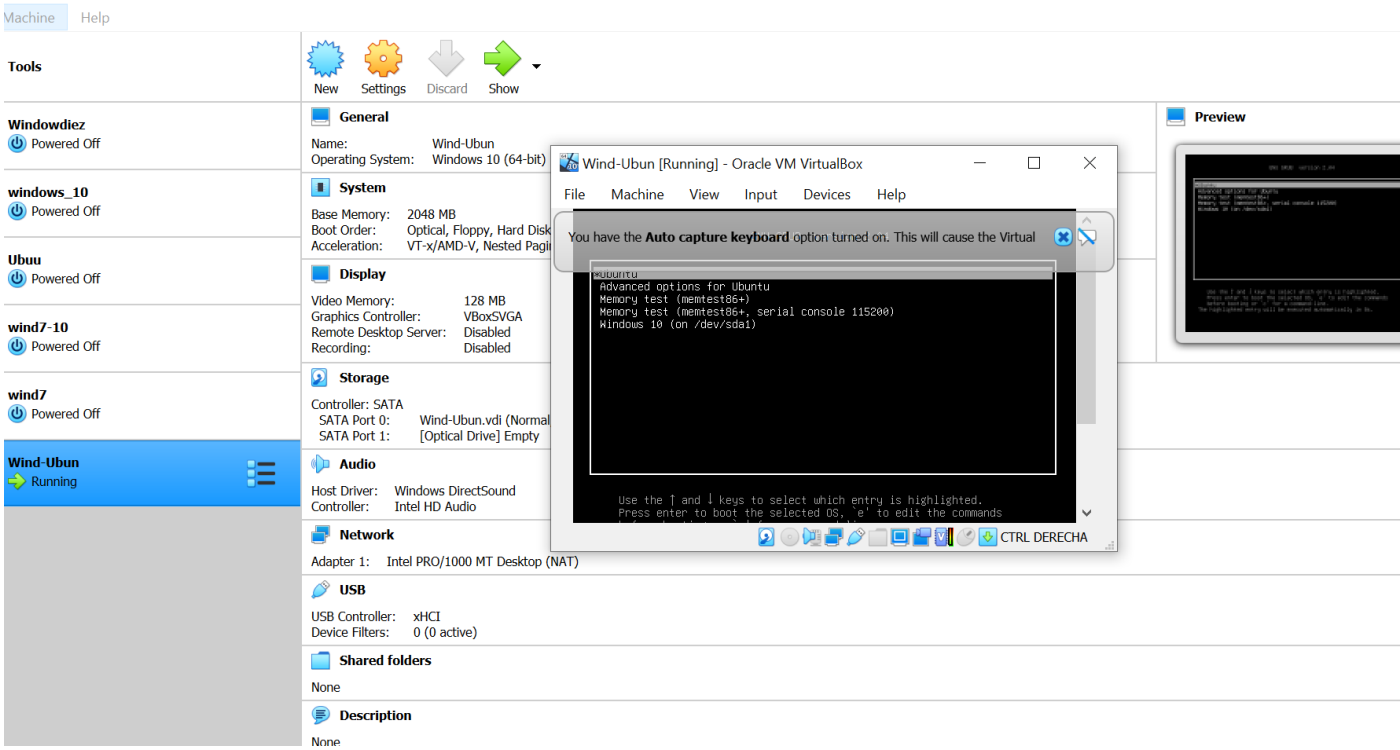

Help
New
Settings
Discard
Show
General
System
Display
Storage
Audio
Network
USB
Shared folders
Description
None
Preview
Wind-Ubun [Running] - Oracle VM VirtualBox
File
Machine
View
Input
Devices
Help
The Virtual Machine reports that the guest OS supports mouse pointer integration. This
Updates and other software
What apps would you like to install to start with?
Normal installation
Web browser, utilities, office software, games, and media players.
Minimal installation
Web browser and basic utilities.
Other options
Download updates while installing Ubuntu
This saves time after installation.
Install third-party software for graphics and Wi-Fi hardware and additional media formats
This software is subject to license terms included with its documentation. Some is proprietary.
Quit
Back
CTRL DERECHA


Machine
Help
Tools
New
Settings
Discard
Show
Windowdiez
Powered Off
windows_10
Powered Off
Ubuu
Powered Off
wind7-10
Inaccessible
wind7
Powered Off
Wind-Ubun
Running
Wind-Ubun [Running] - Oracle VM VirtualBox
File
Machine
View
Input
Devices
Help
Oct 20 10:42
Install
Installation type
This computer currently has Windows 10 on it. What would you like to do?
Install Ubuntu alongside Windows 10
Documents, music, and other personal files will be kept. You can choose which operating system you want each time the computer starts up.
Erase disk and install Ubuntu
Warning: This will delete all your programs, documents, photos, music, and any other files in all operating systems.
Advanced features...
None selected
Something else
You can create or resize partitions yourself, or choose multiple partitions for Ubuntu.
Quit
Back
Install Now
CTRL DERECHA
Oct 20 10:43
Where are you?
Madrid
Back
Continue

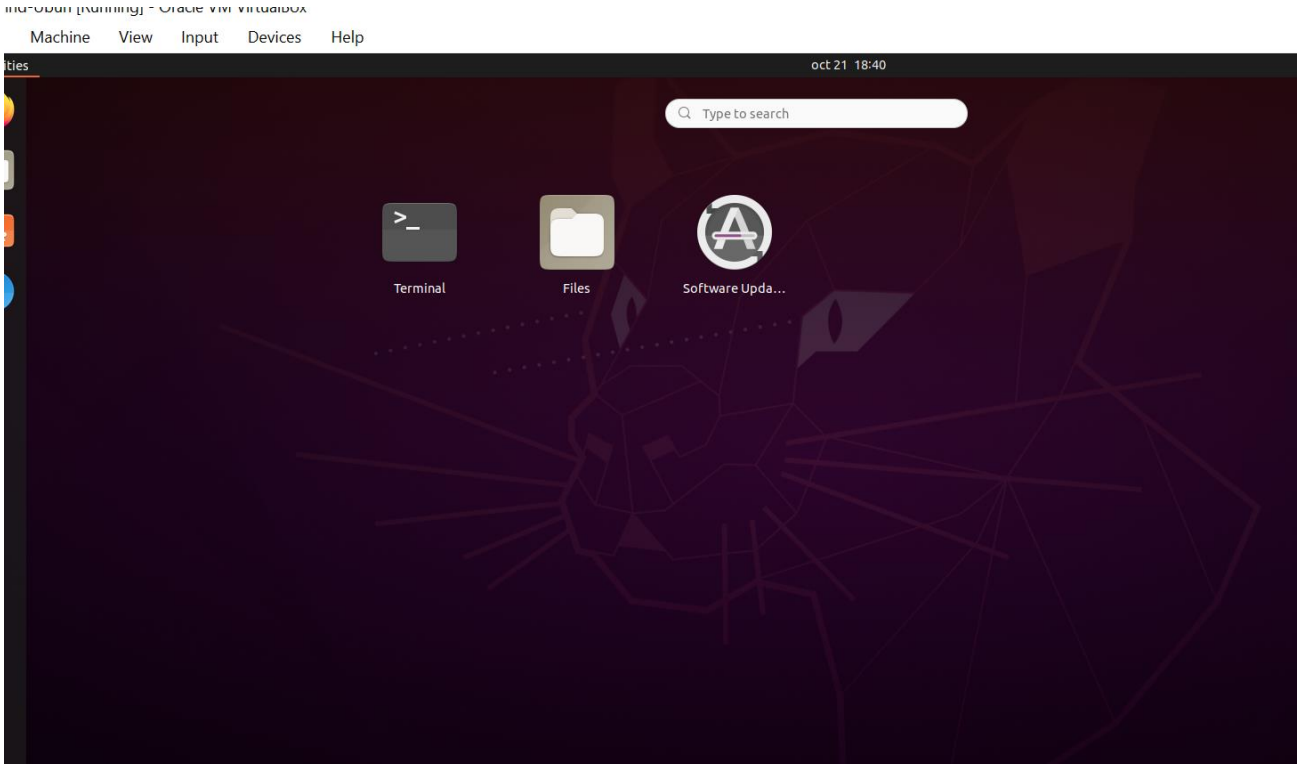




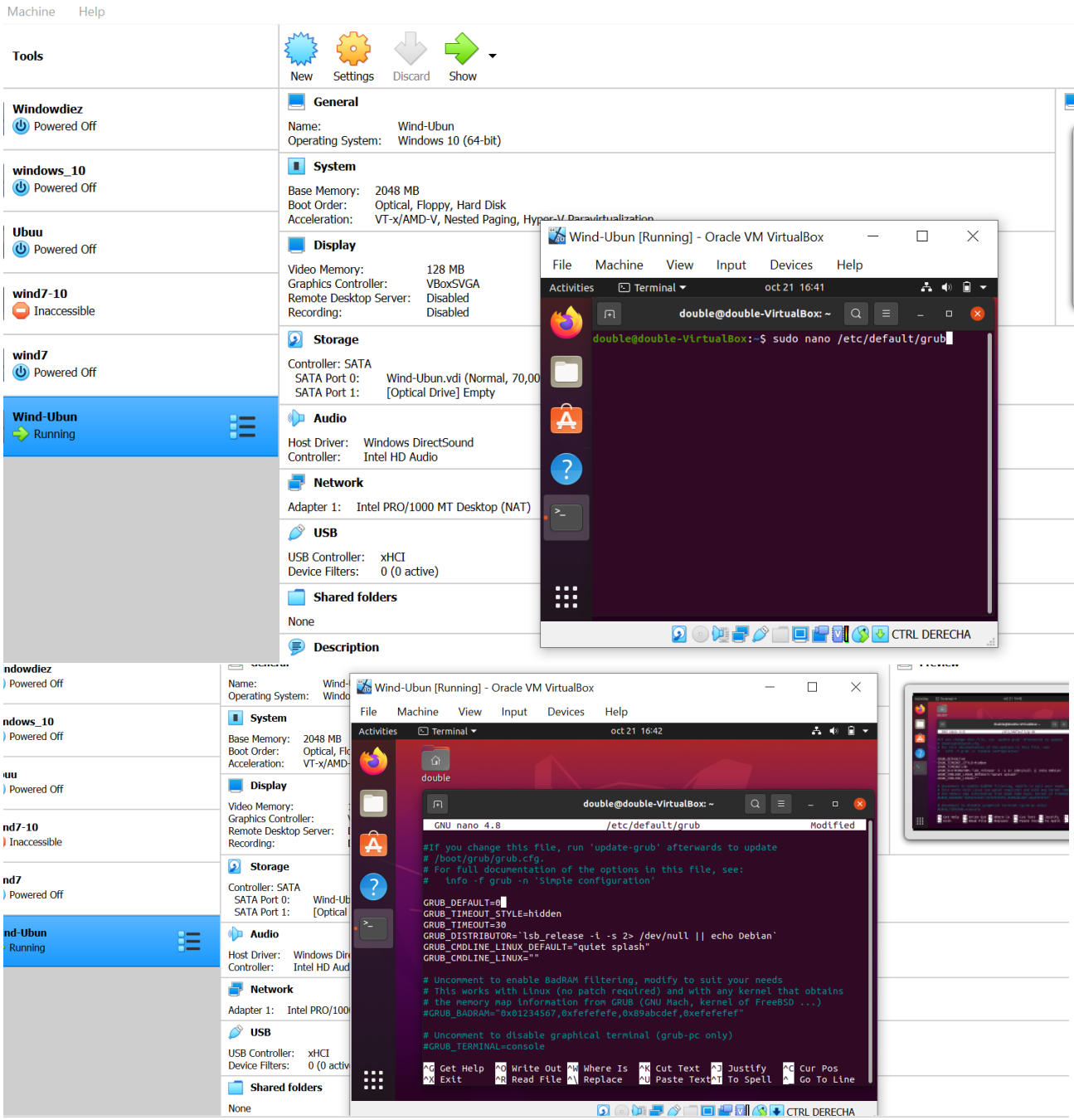
Finally we check if the bootloader works:



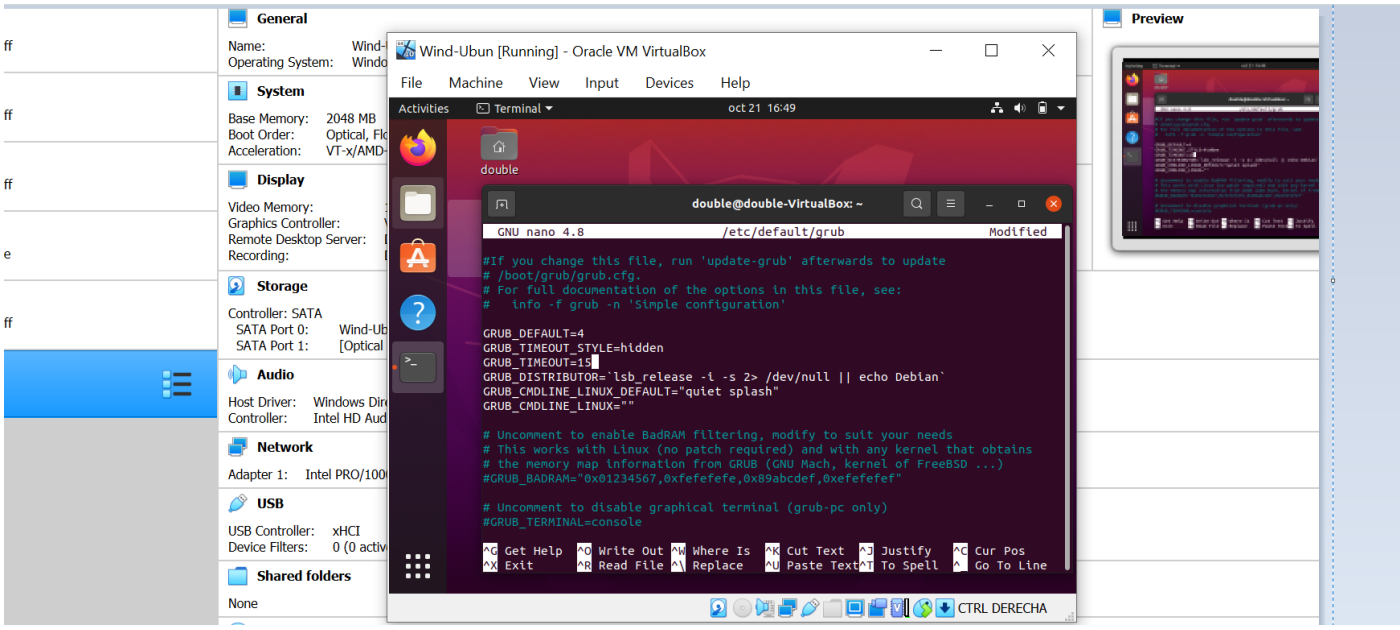
We continue with set Windows as default entry and boot after 15 seconds if the user does not select another option in the menu. To do that we need to go to Ubuntu's Terminal to change the Grub menu:



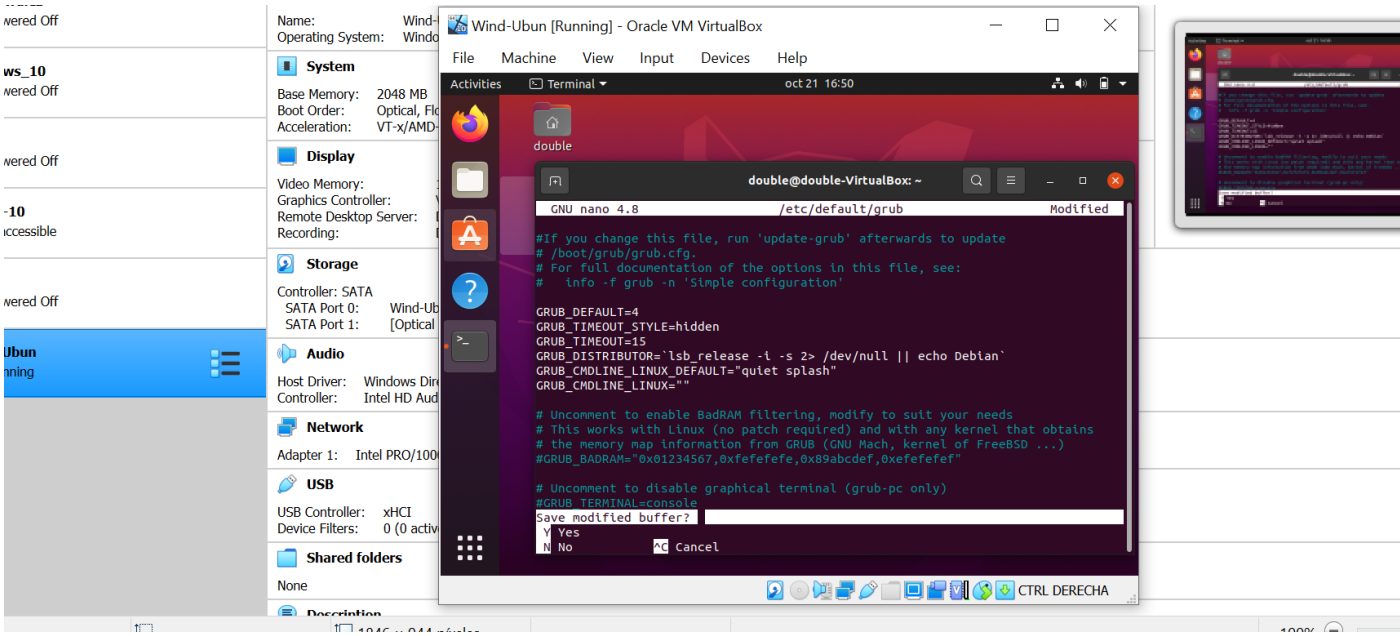
We use the sudo nano /etc/default/grub to get into the menu's code



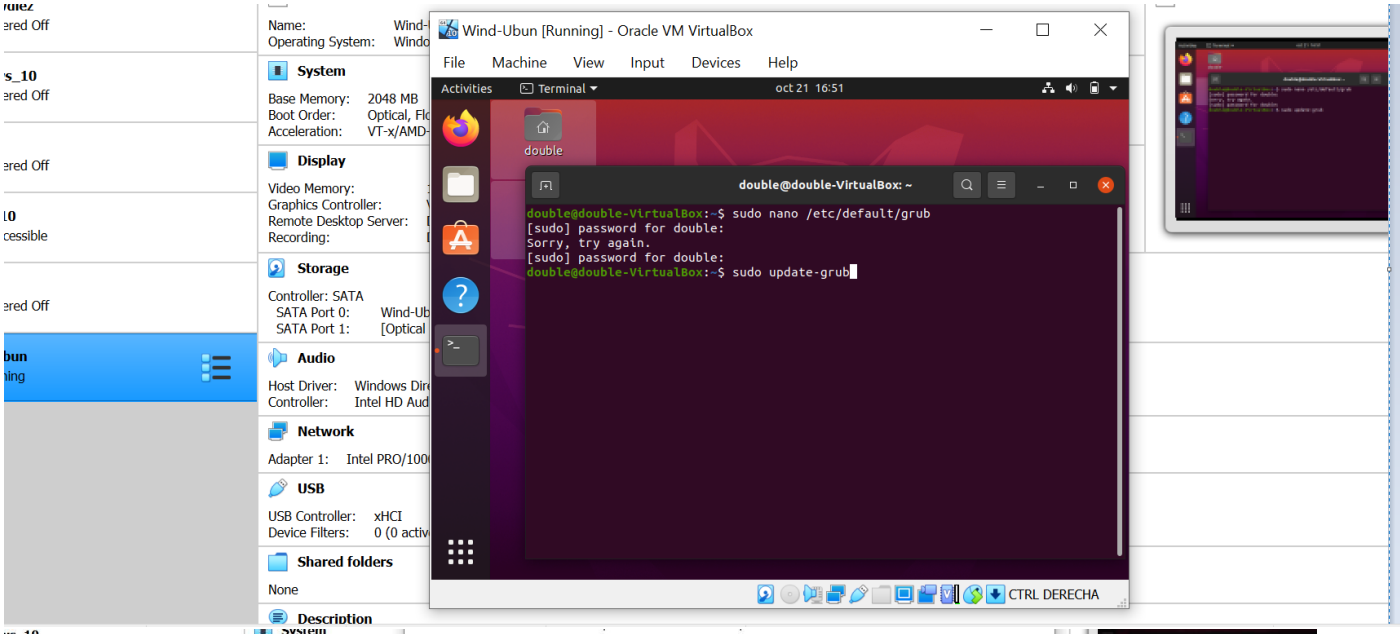
We change default=4 and timeout=15:

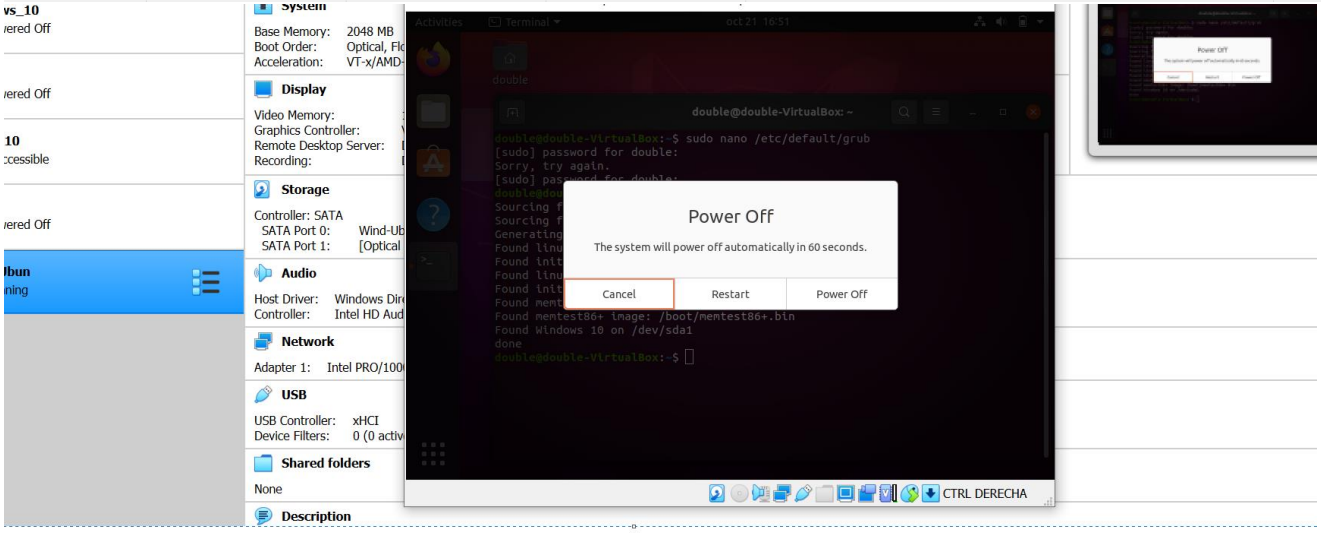


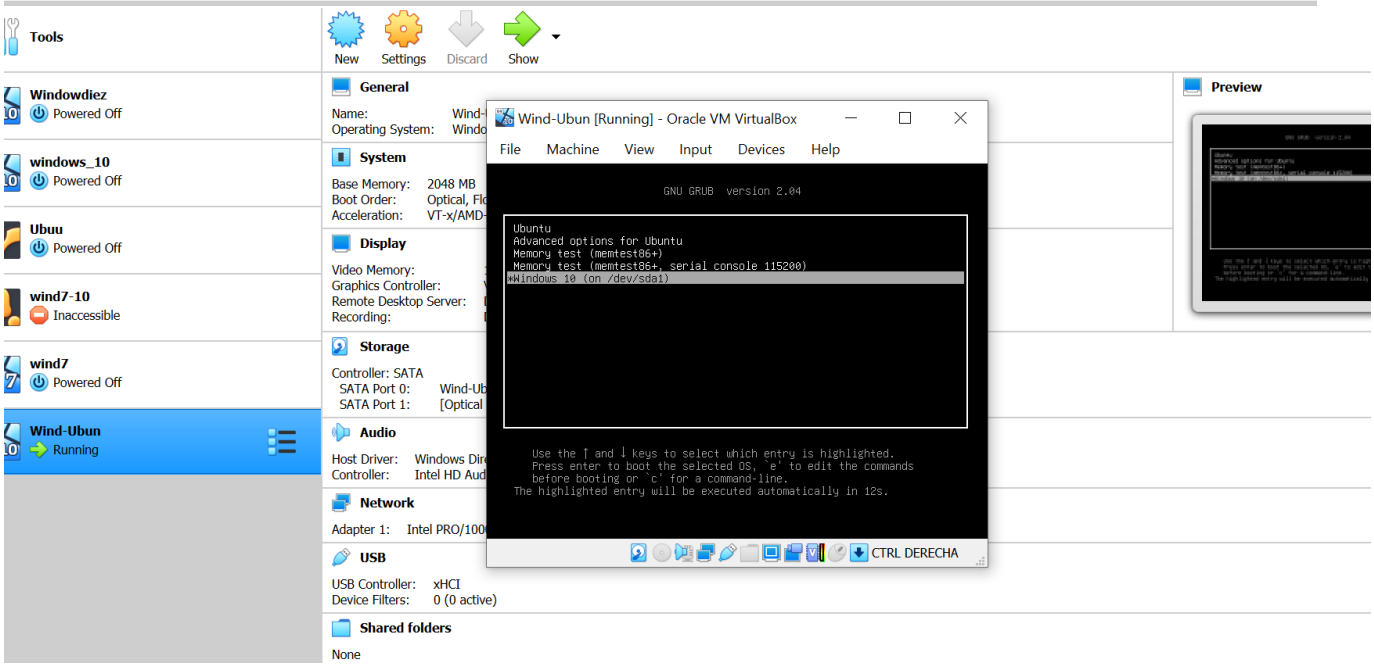
We use control+x to exit and pressing y to save the changes.



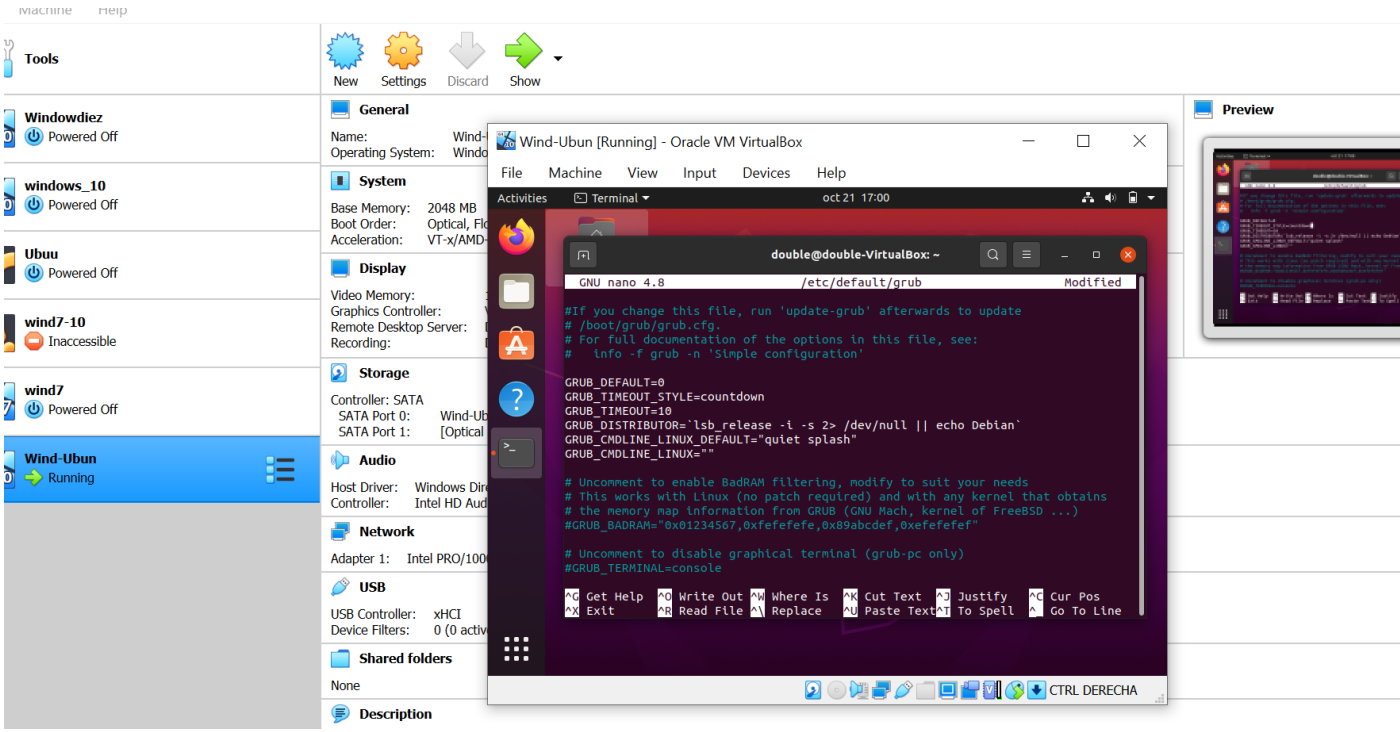
Now we need to use sudo update-grub to confirm the new file, and restart it after.

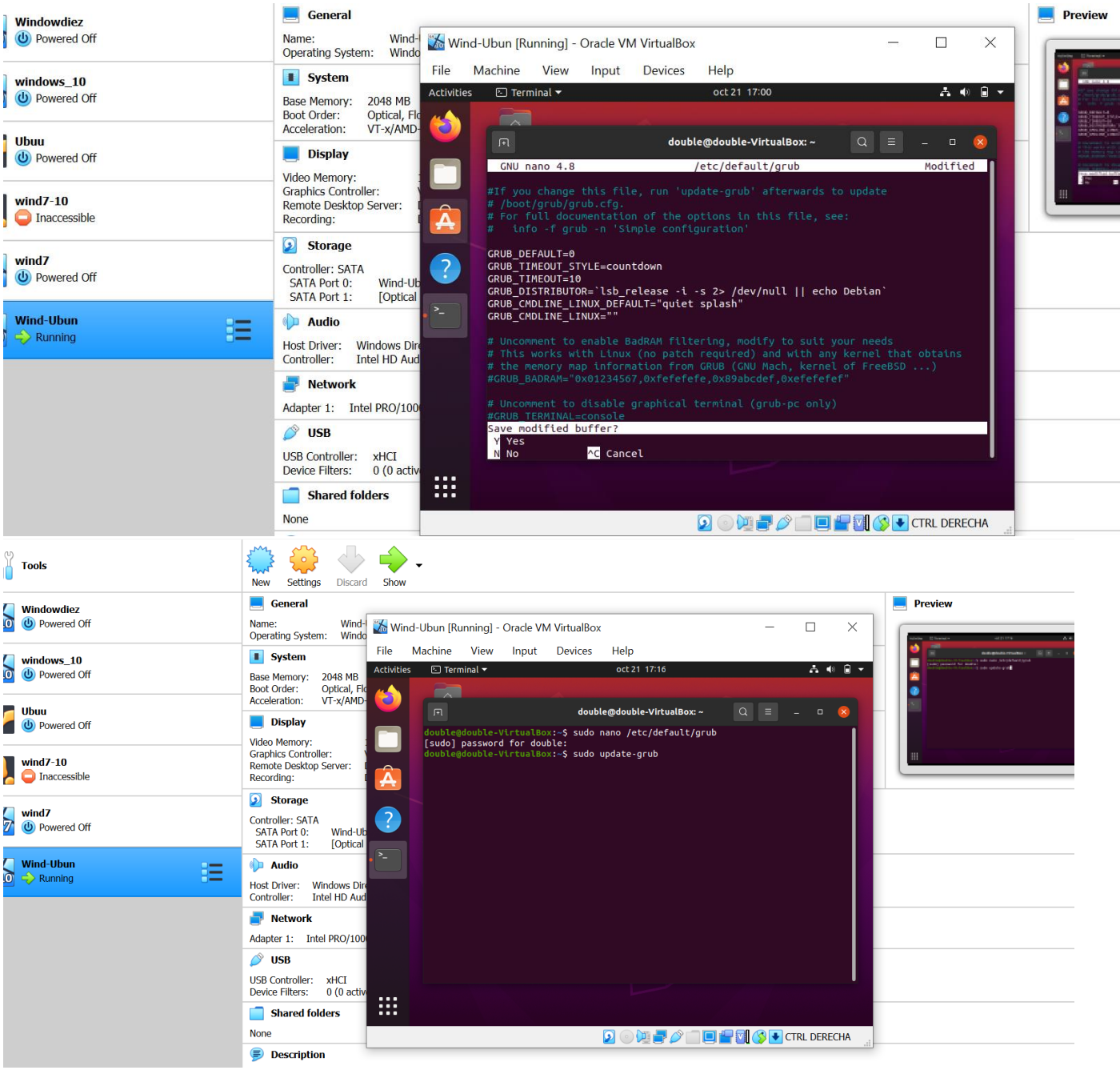

Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal oct 21 16:51
double
double@double-VirtualBox: ~
double@double-VirtualBox:~$ sudo nano /etc/default/grub
[sudo] password for double:
Sorry, try again.
[sudo] password for double:
double@double-VirtualBox:~$ sudo update-grub
CTRL DERECHA
Name:
Operating System:
System
Base Memory: 2048 MB
Boot Order: Optical, Flo
Acceleration: VT-x/AMD-
Display
Video Memory:
Graphics Controller:
Remote Desktop Server:
Recording:
Storage
Controller: SATA
SATA Port 0: Wind-Ub
SATA Port 1: [Optical
Audio
Host Driver: Windows Dir
Controller: Intel HD Aud
Network
Adapter 1: Intel PRO/100
USB
USB Controller: xHCI
Device Filters: 0 (0 activ
Shared folders
None
Description


Power Off
The system will power off automatically in 60 seconds.
Cancel
Restart
Power Off
double@double-VirtualBox:~$ sudo nano /etc/default/grub
[sudo] password for double:
Sorry, try again.
Found memtest86+ image: /boot/memtest86+.bin
Found Windows 10 on /dev/sda1
done
CTRL DERECHA

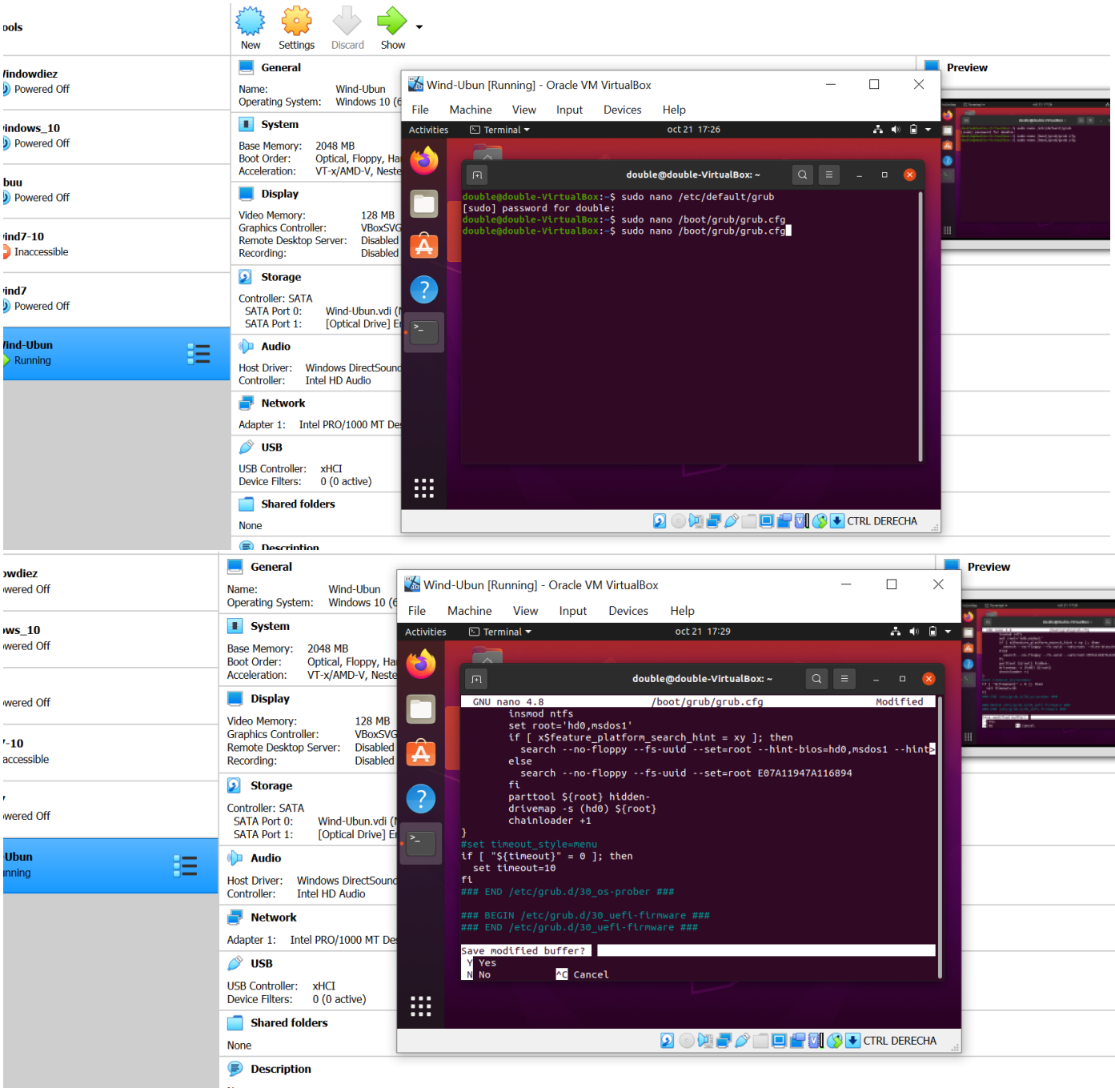

Tools
New
Settings
Discard
Show
Windowdiez
Powered Off
windows_10
Powered Off
Ubuu
Powered Off
wind7-10
Inaccessible
wind7
Powered Off
Wind-Ubun
Running
General
System
Display
Storage
Audio
Network
USB
Shared folders
None
Preview
Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
GNU GRUB version 2.04
Ubuntu
Advanced options for Ubuntu
Memory test (memtest86+)
Memory test (memtest86+, serial console 115200)
*Windows 10 (on /dev/sda1)
Use the ↑ and ↓ keys to select which entry is highlighted.
Press enter to boot the selected OS, `e' to edit the commands
before booting or `c' for a command-line.
The highlighted entry will be executed automatically in 12s.
CTRL DERECHA
USB Controller: xHCI
Device Filters: 0 (0 active)

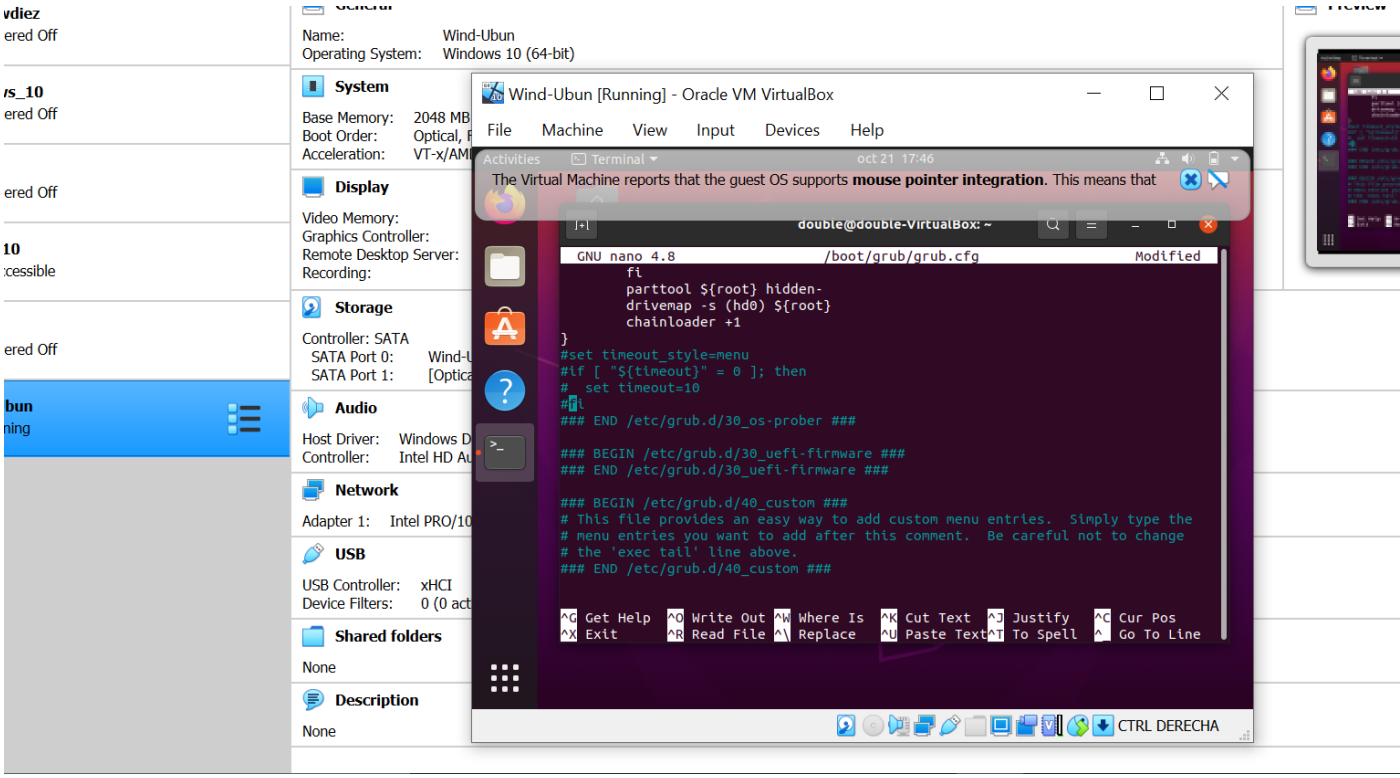
Now we proceed with the item B; Boot Ubuntu without displaying the menu after showing a 10 seconds countdown. To do that we go back to the terminal and to the Grub setting and we change: default=0, style=countdown and timeout=10.



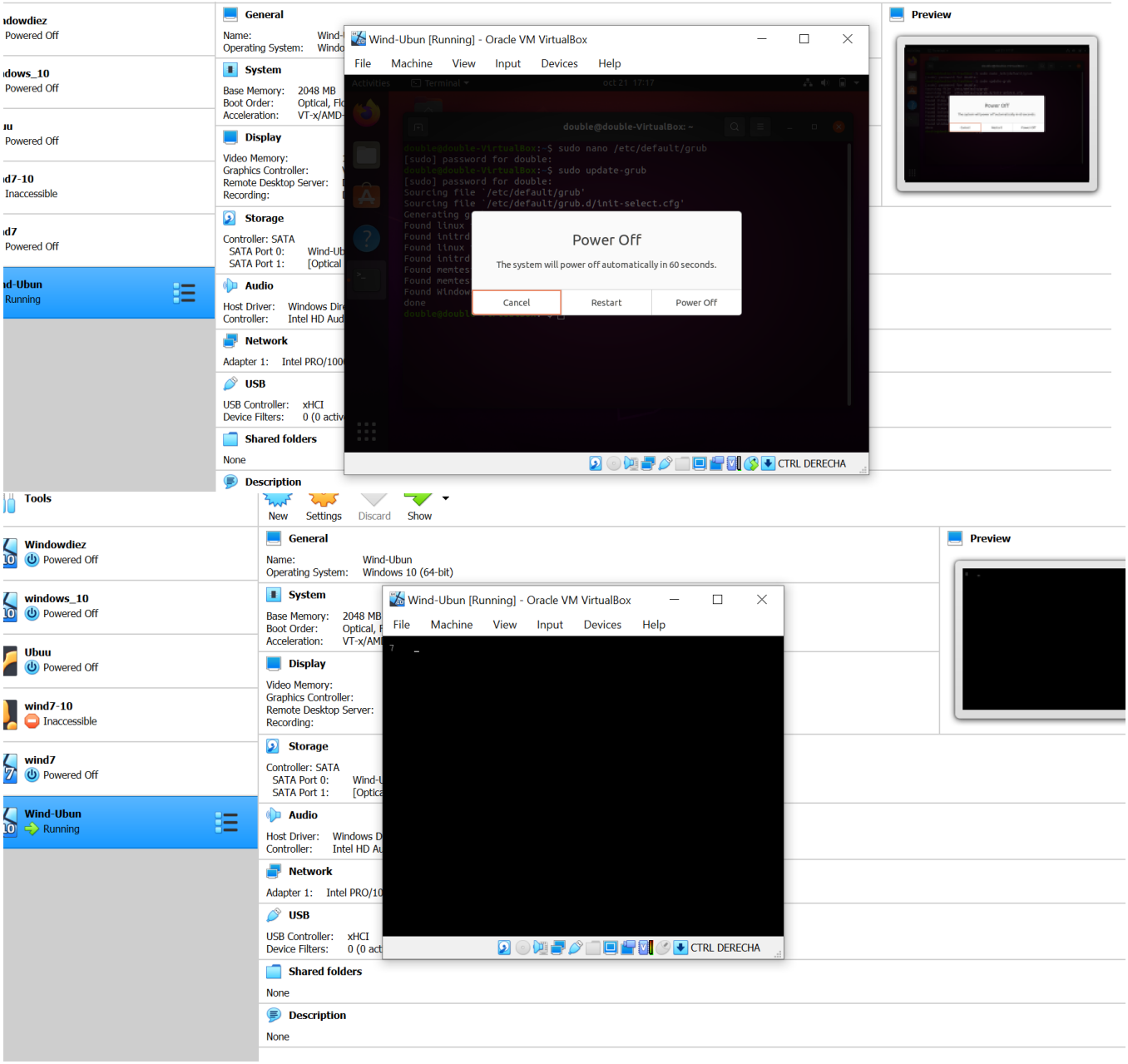


We need to use the command sudo nano /boot/grub/grub.cfg to get into this file, and in the last lines we need to put # to annule the command about set time out.

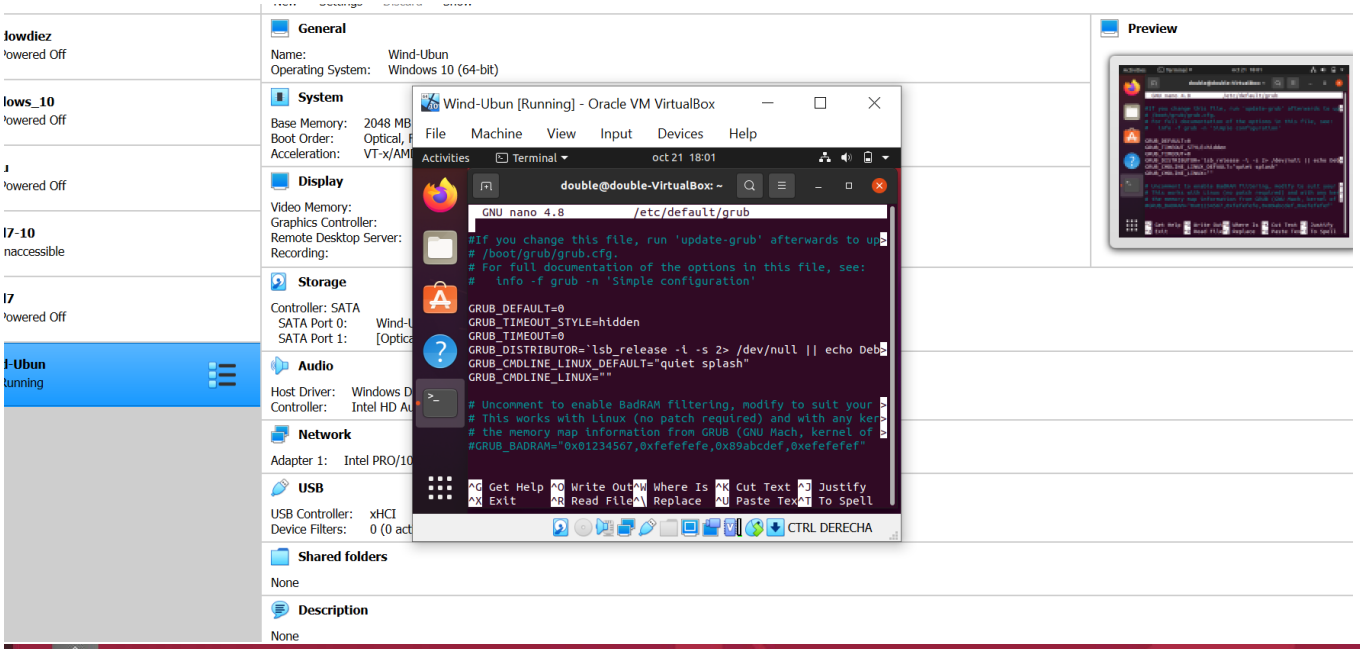

New
Settings
Discard
Show
General
Name: Wind-Ubun
Operating System: Windows 10 (6
System
Base Memory: 2048 MB
Boot Order: Optical, Floppy, Ha
Acceleration: VT-x/AMD-V, Neste
Display
Video Memory: 128 MB
Graphics Controller: VBoxSVG
Remote Desktop Server: Disabled
Recording: Disabled
Storage
Controller: SATA
SATA Port 0: Wind-Ubun.vdi (
SATA Port 1: [Optical Drive] E
Audio
Host Driver: Windows DirectSound
Controller: Intel HD Audio
Network
Adapter 1: Intel PRO/1000 MT De
USB
USB Controller: xHCI
Device Filters: 0 (0 active)
Shared folders
None
Description
Preview
Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal oct 21 17:26
double@double-VirtualBox: ~
double@double-VirtualBox:~$ sudo nano /etc/default/grub
[sudo] password for double:
double@double-VirtualBox:~$ sudo nano /boot/grub/grub.cfg
double@double-VirtualBox:~$ sudo nano /boot/grub/grub.cfg
CTRL DERECHA
Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal oct 21 17:29
double@double-VirtualBox: ~
GNU nano 4.8 /boot/grub/grub.cfg Modified
insmod ntfs
set root='hd0,msdos1'
if [x$feature_platform_search_hint = xy]; then
search --no-floppy --fs-uuid --set=root --hint-bios=hd0,msdos1 --hint
else
search --no-floppy --fs-uuid --set=root E07A11947A116894
fi
parttool ${root} hidden-
drivemap -s (hd0) ${root}
chainloader +1
}
#set timeout_style=menu
if ["${timeout}" = 0]; then
set timeout=10
fi
END /etc/grub.d/30_os-prober
BEGIN /etc/grub.d/30_uefi-firmware
END /etc/grub.d/30_uefi-firmware
Save modified buffer?
Y Yes
N No
^C Cancel
CTRL DERECHA

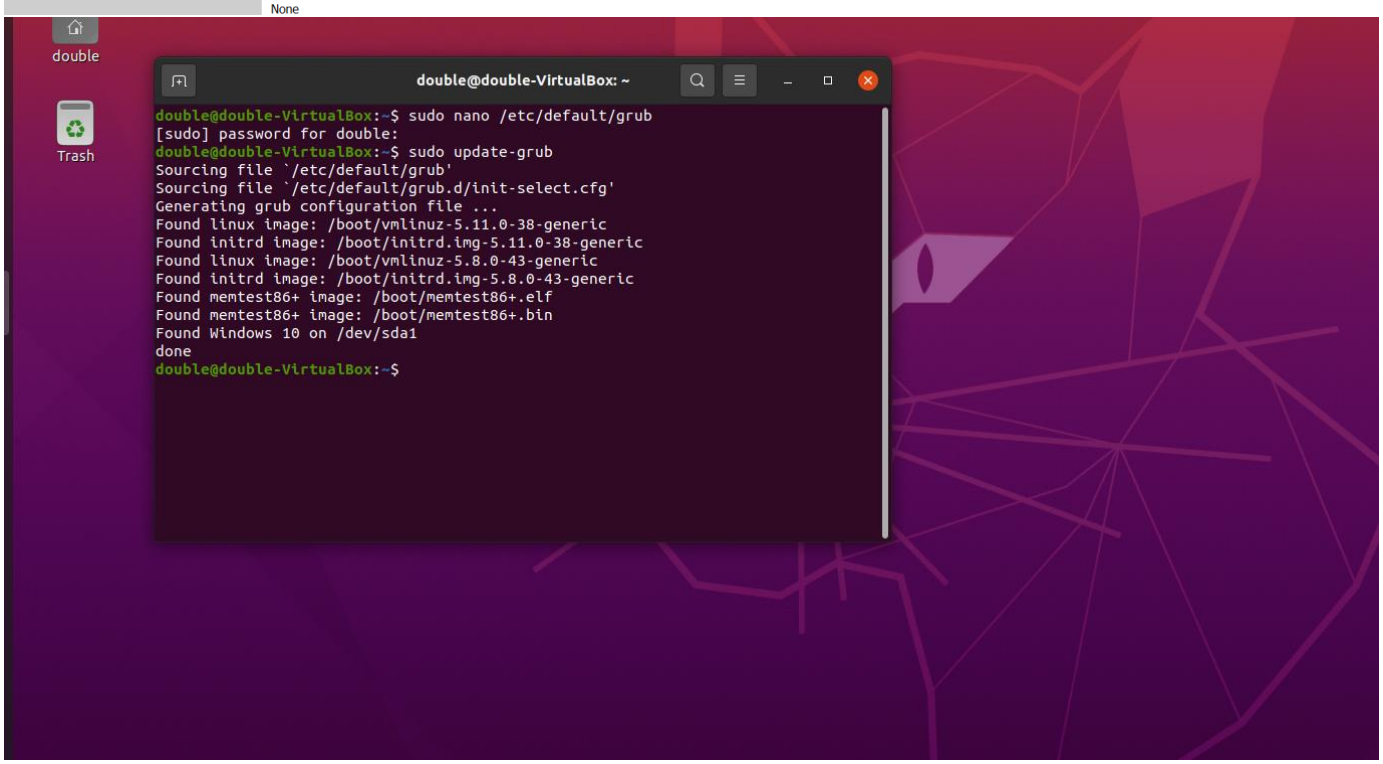


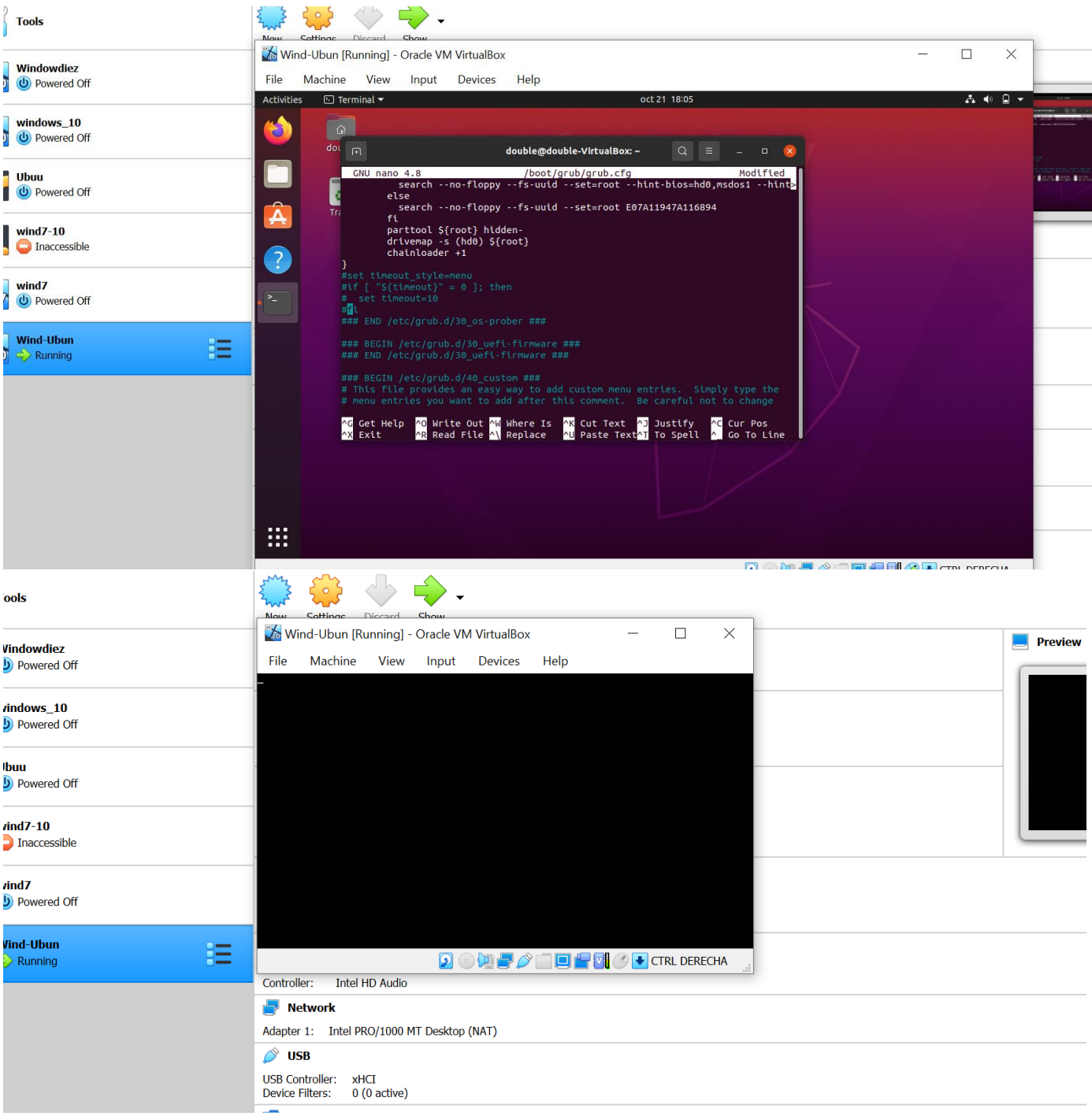
We save the changes and we try to restart:



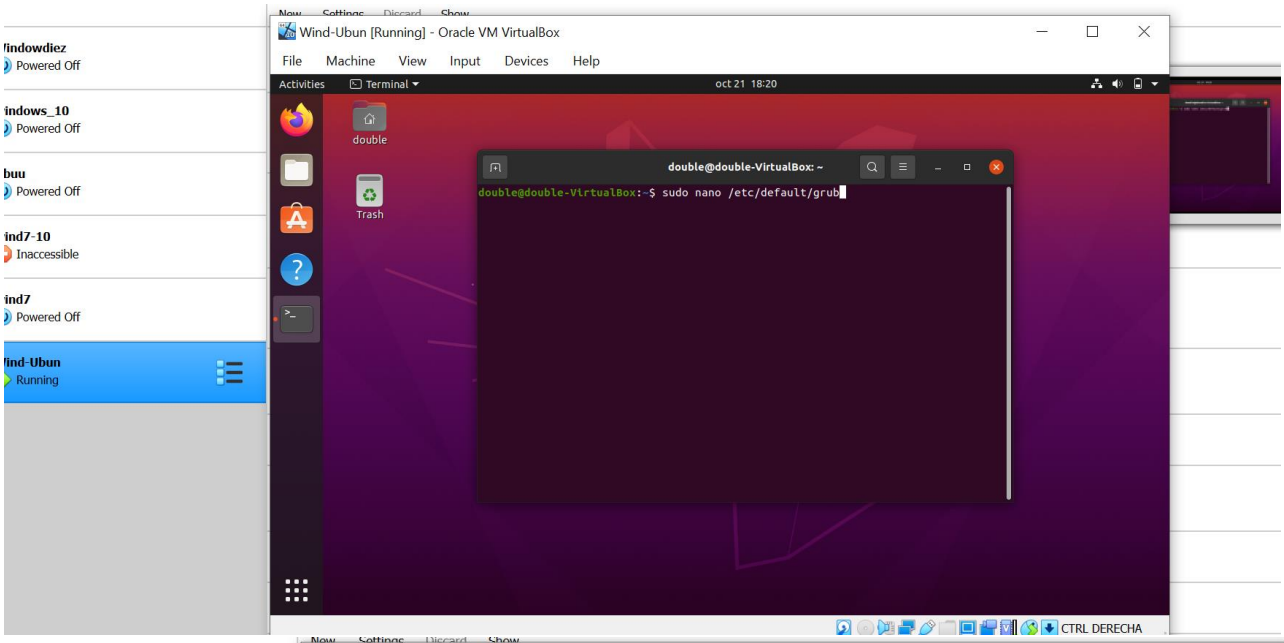
Now we need to boot Ubuntu for itme C without displaying the menu. We use the same thing we used in B item but we change the timestyle= hidden and timeout =0. We do the same thing using # to block the line inside grub.cfg.

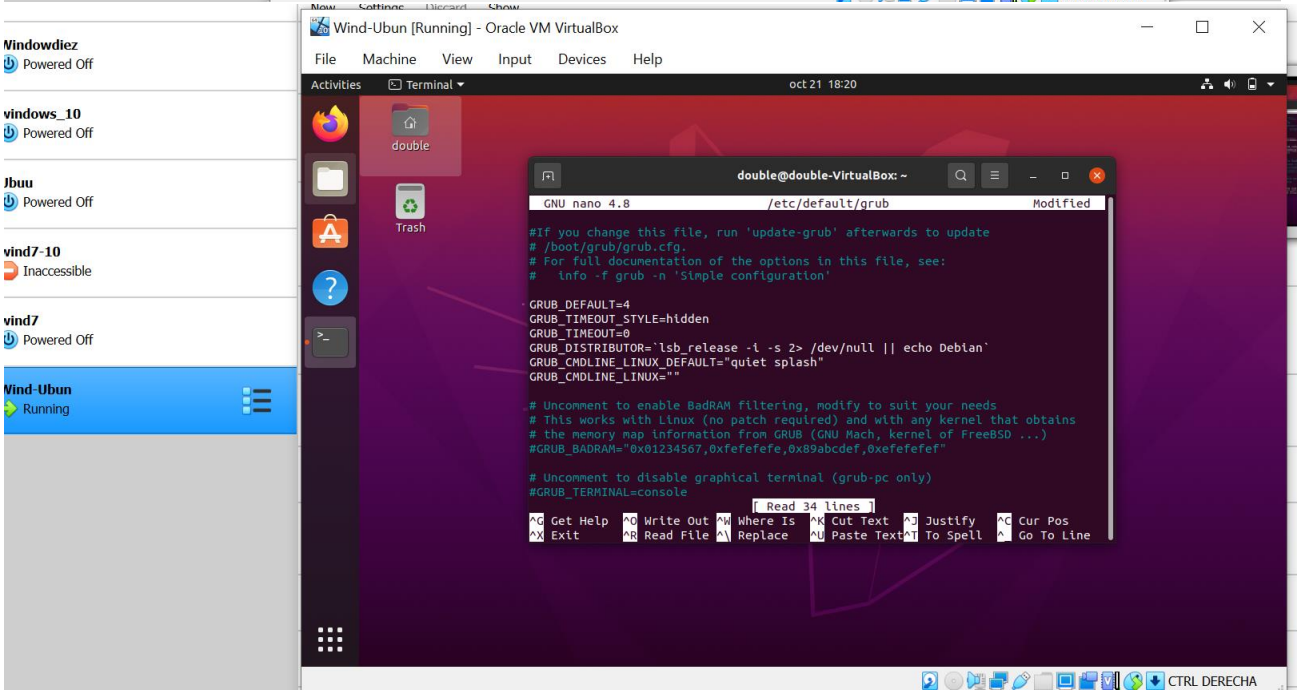

General
Name: Wind-Ubun
Operating System: Windows 10 (64-bit)
System
Base Memory: 2048 MB
Boot Order: Optical, F
Acceleration: VT-x/AM
Display
Video Memory:
Graphics Controller:
Remote Desktop Server:
Recording:
Storage
Controller: SATA
SATA Port 0: Wind-U
SATA Port 1: [Optica
Audio
Host Driver: Windows D
Controller: Intel HD Au
Network
Adapter 1: Intel PRO/10
USB
USB Controller: xHCI
Device Filters: 0 (0 act
Shared folders
None
Description
None
Preview
Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal oct 21 18:01
double@double-VirtualBox: ~
GNU nano 4.8 /etc/default/grub
#If you change this file, run 'update-grub' afterwards to up
# /boot/grub/grub.cfg.
# For full documentation of the options in this file, see:
# info -f grub -n 'Simple configuration'
GRUB_DEFAULT=0
GRUB_TIMEOUT_STYLE=hidden
GRUB_TIMEOUT=0
GRUB_DISTRIBUTOR=`lsb_release -i -s 2> /dev/null || echo Deb
GRUB_CMDLINE_LINUX_DEFAULT="quiet splash"
GRUB_CMDLINE_LINUX=""
# Uncomment to enable BadRAM filtering, modify to suit your
# This works with Linux (no patch required) and with any ker
# the memory map information from GRUB (GNU Mach, kernel of
#GRUB_BADRAM="0x01234567,0xfefefefe,0x89abcdef,0xefefefef"
^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify
^X Exit ^R Read File ^\ Replace ^U Paste Tex ^T To Spell
CTRL DERECHA

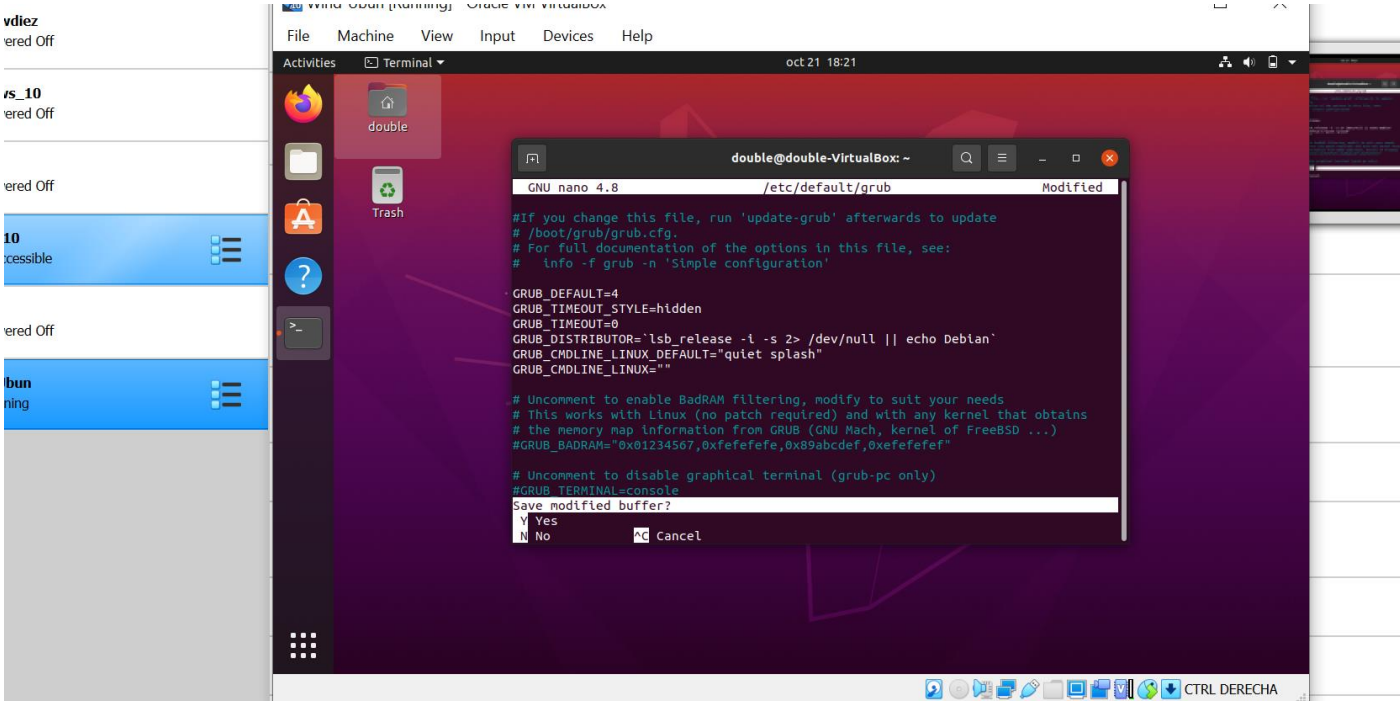

double
Trash
double@double-VirtualBox: ~
double@double-VirtualBox:~$ sudo nano /etc/default/grub
[sudo] password for double:
double@double-VirtualBox:~$ sudo update-grub
Sourcing file `/etc/default/grub'
Sourcing file `/etc/default/grub.d/init-select.cfg'
Generating grub configuration file ...
Found linux image: /boot/vmlinuz-5.11.0-38-generic
Found initrd image: /boot/initrd.img-5.11.0-38-generic
Found linux image: /boot/vmlinuz-5.8.0-43-generic
Found initrd image: /boot/initrd.img-5.8.0-43-generic
Found memtest86+ image: /boot/memtest86+.elf
Found memtest86+ image: /boot/memtest86+.bin
Found Windows 10 on /dev/sda1
done
double@double-VirtualBox:~$



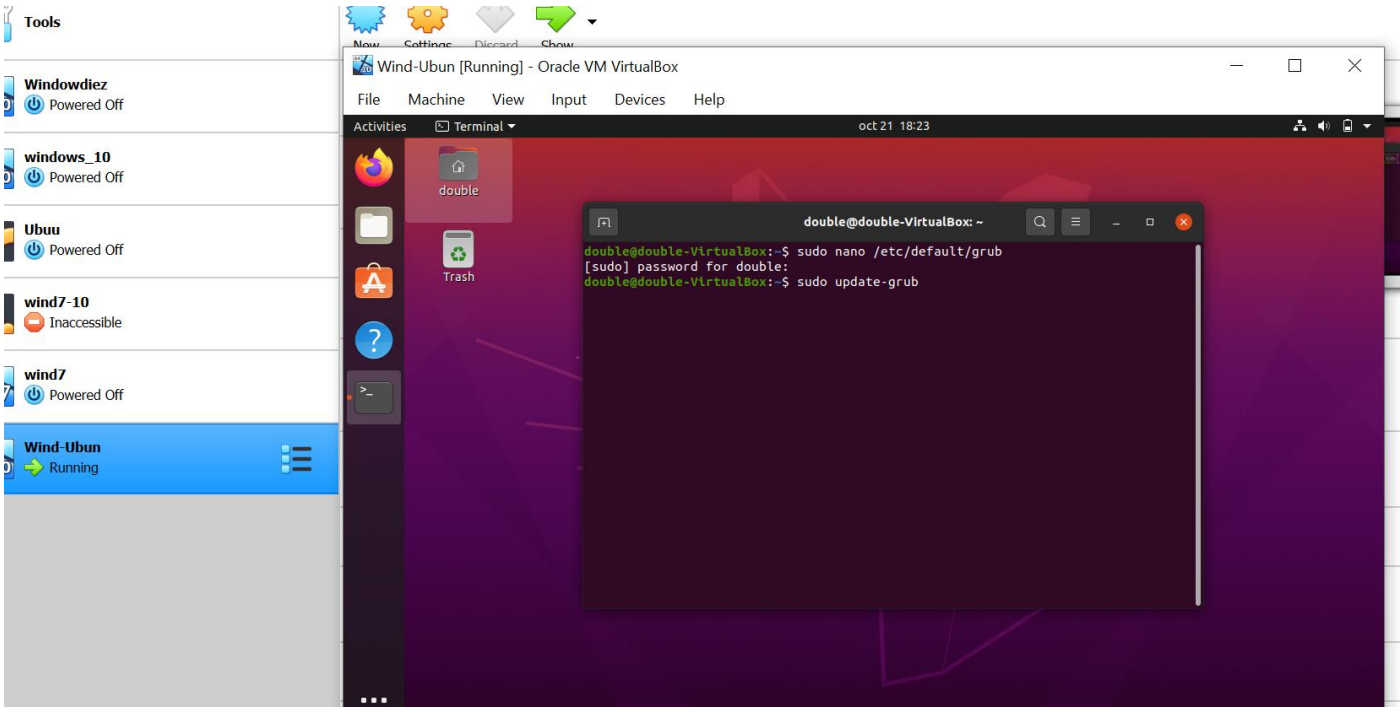
Finally the D item we need to Boot Windows without displaying the menu. To do that we do the same thing as C's item but inserting default=4


Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal oct 21 18:20
double
Trash
double@double-VirtualBox: ~
double@double-VirtualBox:~$ sudo nano /etc/default/grub
CTRL DERECHA

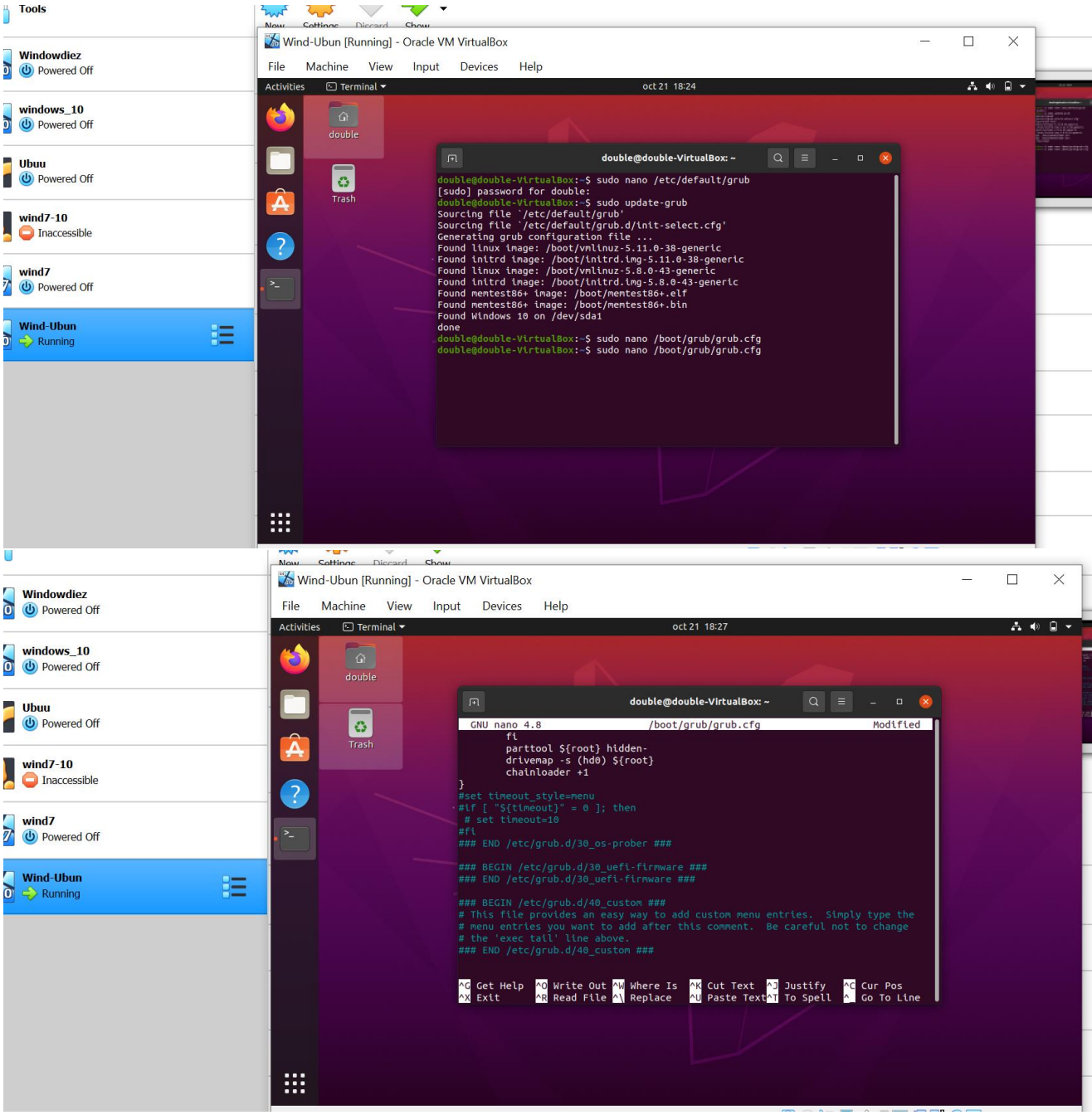

Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal oct 21 18:20
double
Trash
double@double-VirtualBox: ~
GNU nano 4.8 /etc/default/grub Modified
#If you change this file, run 'update-grub' afterwards to update
# /boot/grub/grub.cfg.
# For full documentation of the options in this file, see:
# info -f grub -n 'Simple configuration'
GRUB_DEFAULT=4
GRUB_TIMEOUT_STYLE=hidden
GRUB_TIMEOUT=0
GRUB_DISTRIBUTOR=`lsb_release -i -s 2> /dev/null || echo Debian`
GRUB_CMDLINE_LINUX_DEFAULT="quiet splash"
GRUB_CMDLINE_LINUX=""
# Uncomment to enable BadRAM filtering, modify to suit your needs
# This works with Linux (no patch required) and with any kernel that obtains
# the memory map information from GRUB (GNU Mach, kernel of FreeBSD ...)
#GRUB_BADRAM="0x01234567,0xfefefefe,0x89abcdef,0xefefefef"
Uncomment to disable graphical terminal (grub-pc only)
#GRUB_TERMINAL=console
[Read 34 lines]
^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^C Cur Pos
^X Exit ^R Read File ^\ Replace ^U Paste Text ^T To Spell ^_ Go To Line
CTRL DERECHA

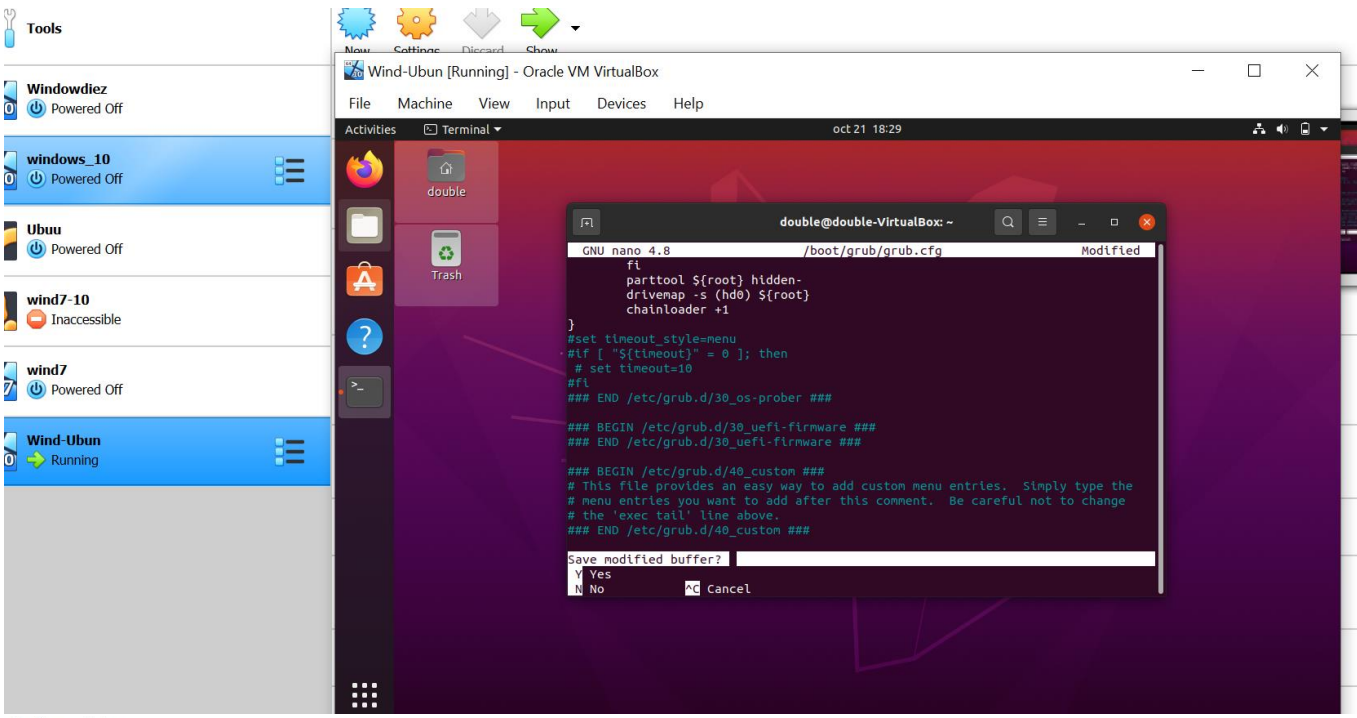


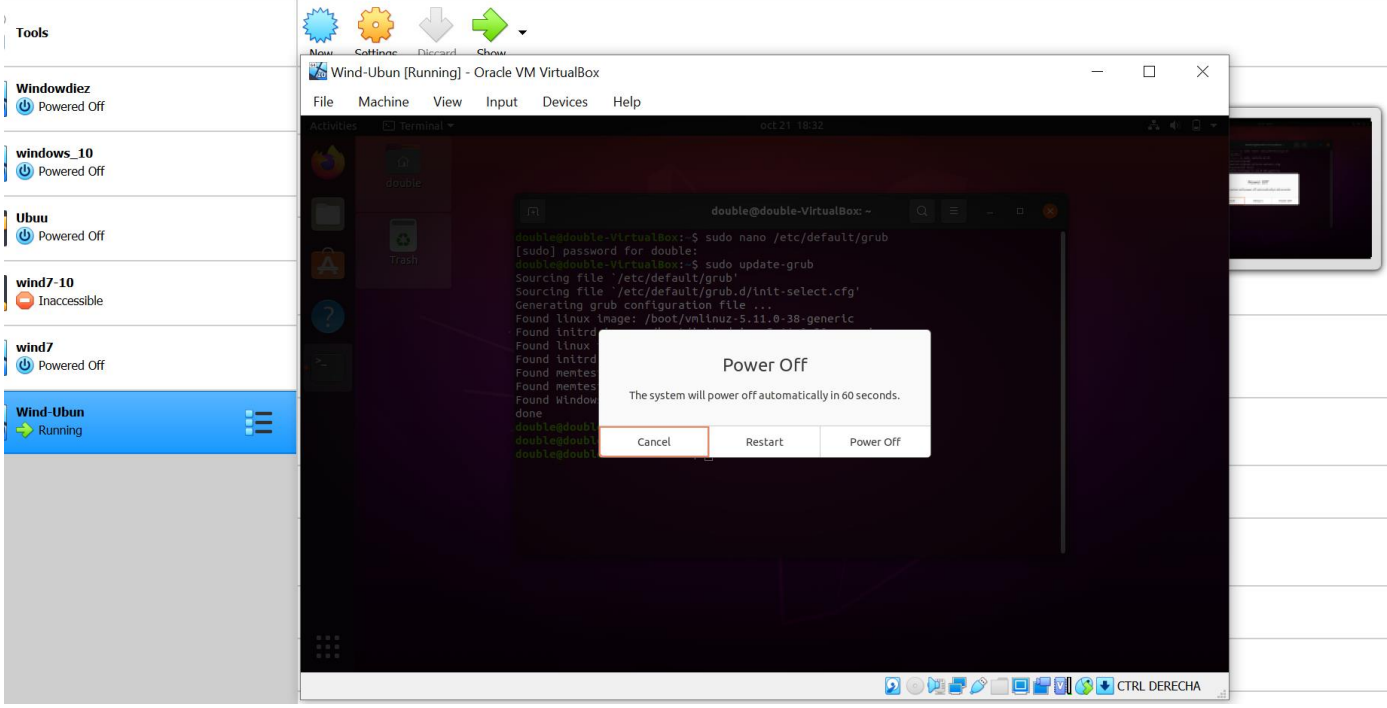
We use the sudo update-grub command

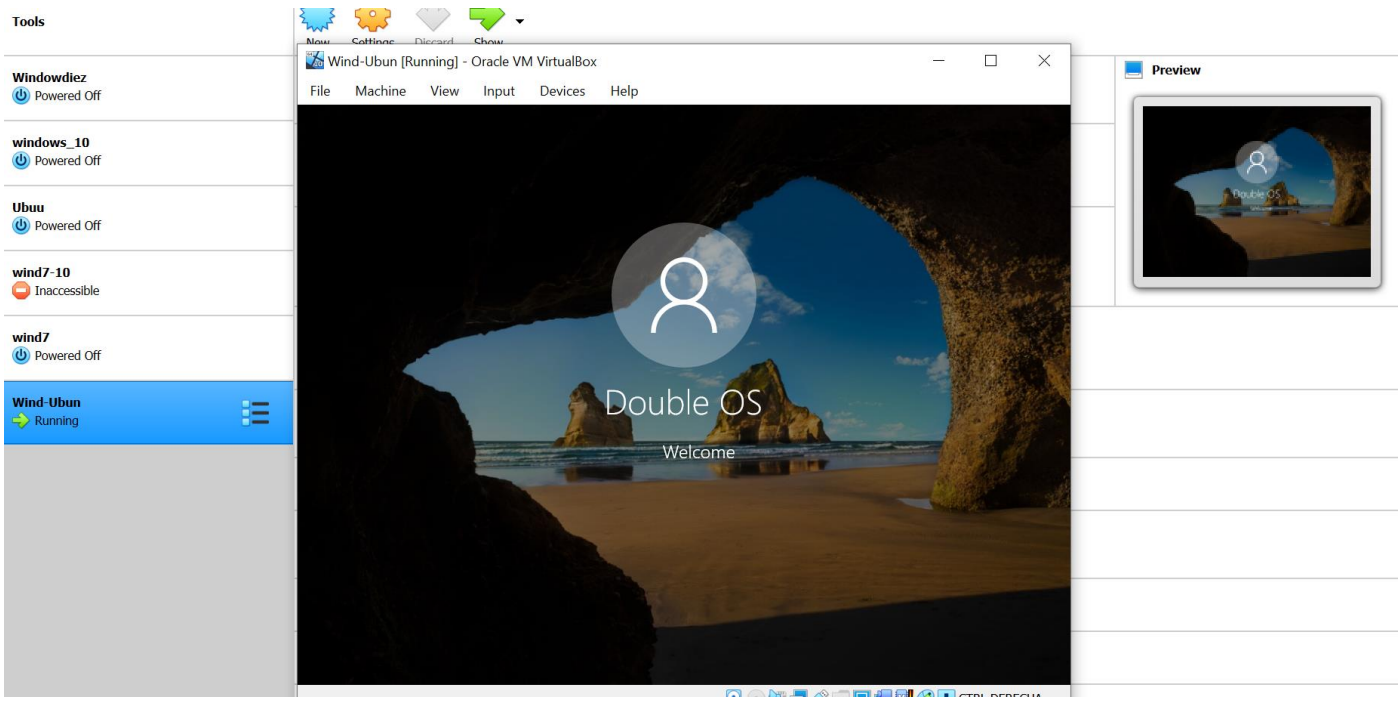


And the command sudo /boot/grub/grub.cfg to put # in the last lines where the set time it's.

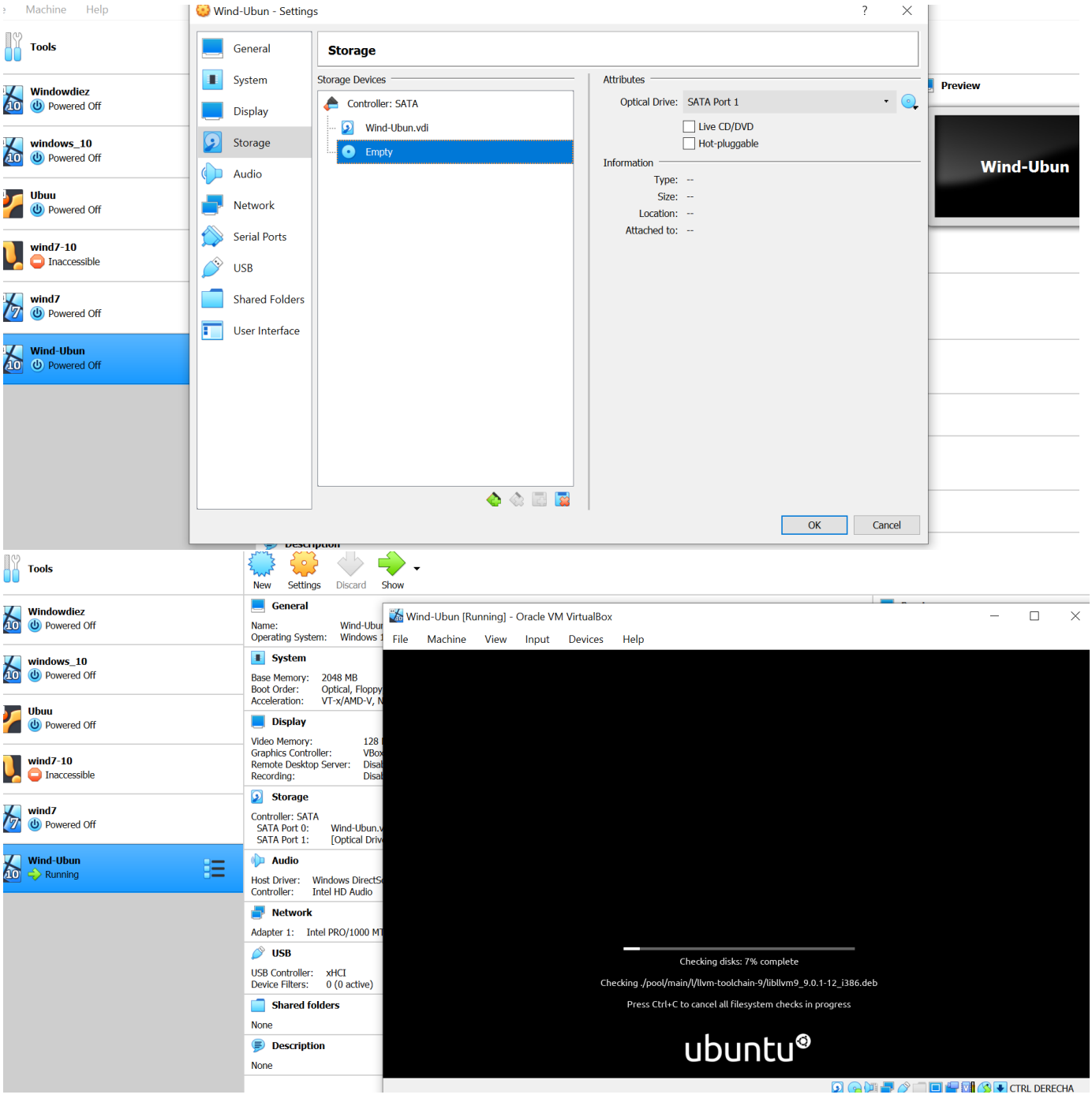

Tools
Windowdiez
Powered Off
windows_10
Powered Off
Ubuu
Powered Off
wind7-10
Inaccessible
wind7
Powered Off
Wind-Ubun
Running
Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal oct 21 18:24
double
Trash
double@double-VirtualBox: ~
double@double-VirtualBox:~$ sudo nano /etc/default/grub
[sudo] password for double:
double@double-VirtualBox:~$ sudo update-grub
Sourcing file `/etc/default/grub'
Sourcing file `/etc/default/grub.d/init-select.cfg'
Generating grub configuration file ...
Found linux image: /boot/vmlinuz-5.11.0-38-generic
Found initrd image: /boot/initrd.img-5.11.0-38-generic
Found linux image: /boot/vmlinuz-5.8.0-43-generic
Found initrd image: /boot/initrd.img-5.8.0-43-generic
Found memtest86+ image: /boot/memtest86+.elf
Found memtest86+ image: /boot/memtest86+.bin
Found Windows 10 on /dev/sda1
done
double@double-VirtualBox:~$ sudo nano /boot/grub/grub.cfg
double@double-VirtualBox:~$ sudo nano /boot/grub/grub.cfg
Windowdiez
Powered Off
windows_10
Powered Off
Ubuu
Powered Off
wind7-10
Inaccessible
wind7
Powered Off
Wind-Ubun
Running
Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal oct 21 18:27
double
Trash
double@double-VirtualBox: ~
GNU nano 4.8 /boot/grub/grub.cfg Modified
fi
parttool ${root} hidden-
drivemap -s (hd0) ${root}
chainloader +1
}
#set timeout_style=menu
#if ["${timeout}" = 0]; then
set timeout=10
#fi
END /etc/grub.d/30_os-prober
BEGIN /etc/grub.d/30_uefi-firmware
END /etc/grub.d/30_uefi-firmware
BEGIN /etc/grub.d/40_custom
This file provides an easy way to add custom menu entries. Simply type the
menu entries you want to add after this comment. Be careful not to change
the 'exec tail' line above.
END /etc/grub.d/40_custom
^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^C Cur Pos
^X Exit ^R Read File ^\ Replace ^U Paste Text ^T To Spell ^_ Go To Line

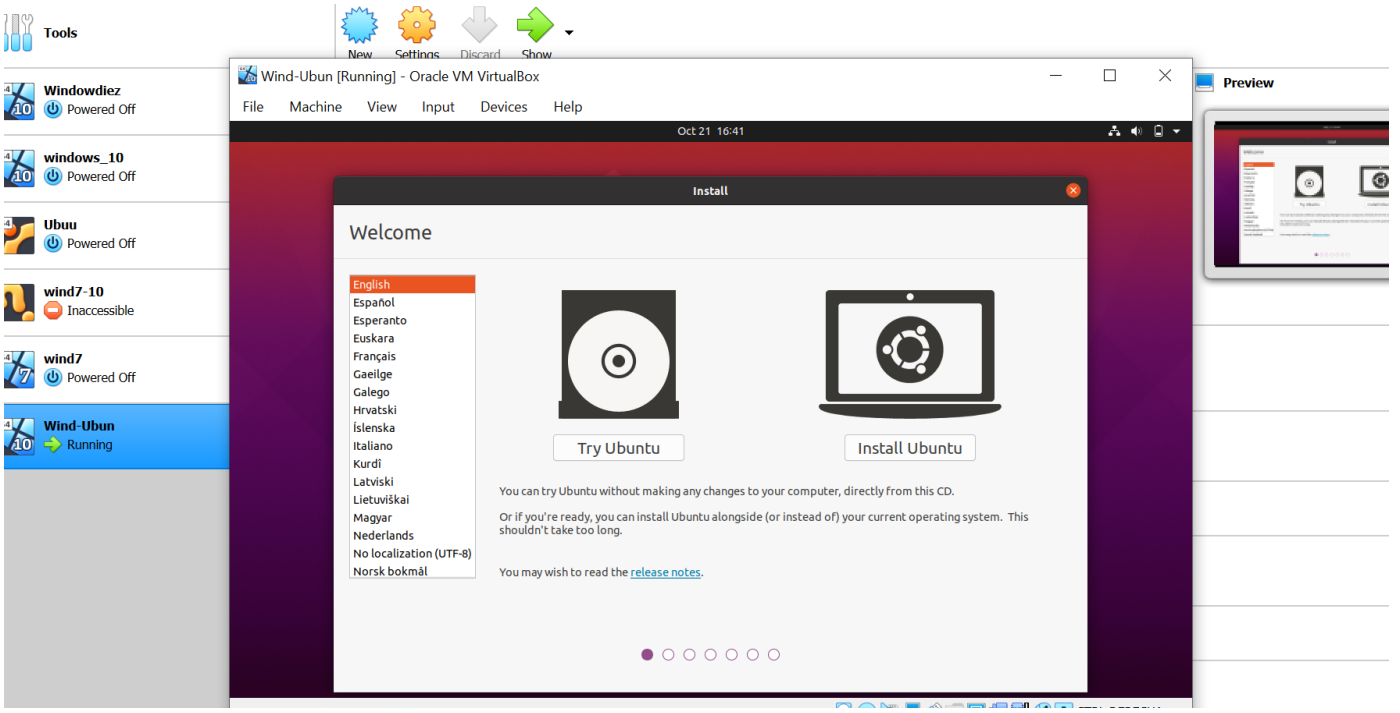

Tools
Windowdiez
Powered Off
windows_10
Powered Off
Ubuu
Powered Off
wind7-10
Inaccessible
wind7
Powered Off
Wind-Ubun
Running
Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal oct 21 18:29
double
Trash
double@double-VirtualBox: ~
GNU nano 4.8 /boot/grub/grub.cfg Modified
fi
parttool ${root} hidden-
drivemap -s (hd0) ${root}
chainloader +1
}
#set timeout_style=menu
#if ["${timeout}" = 0]; then
set timeout=10
#fi
END /etc/grub.d/30_os-prober
BEGIN /etc/grub.d/30_uefi-firmware
END /etc/grub.d/30_uefi-firmware
BEGIN /etc/grub.d/40_custom
This file provides an easy way to add custom menu entries. Simply type the
menu entries you want to add after this comment. Be careful not to change
the 'exec tail' line above.
END /etc/grub.d/40_custom
Save modified buffer?
Y Yes
N No
^C Cancel

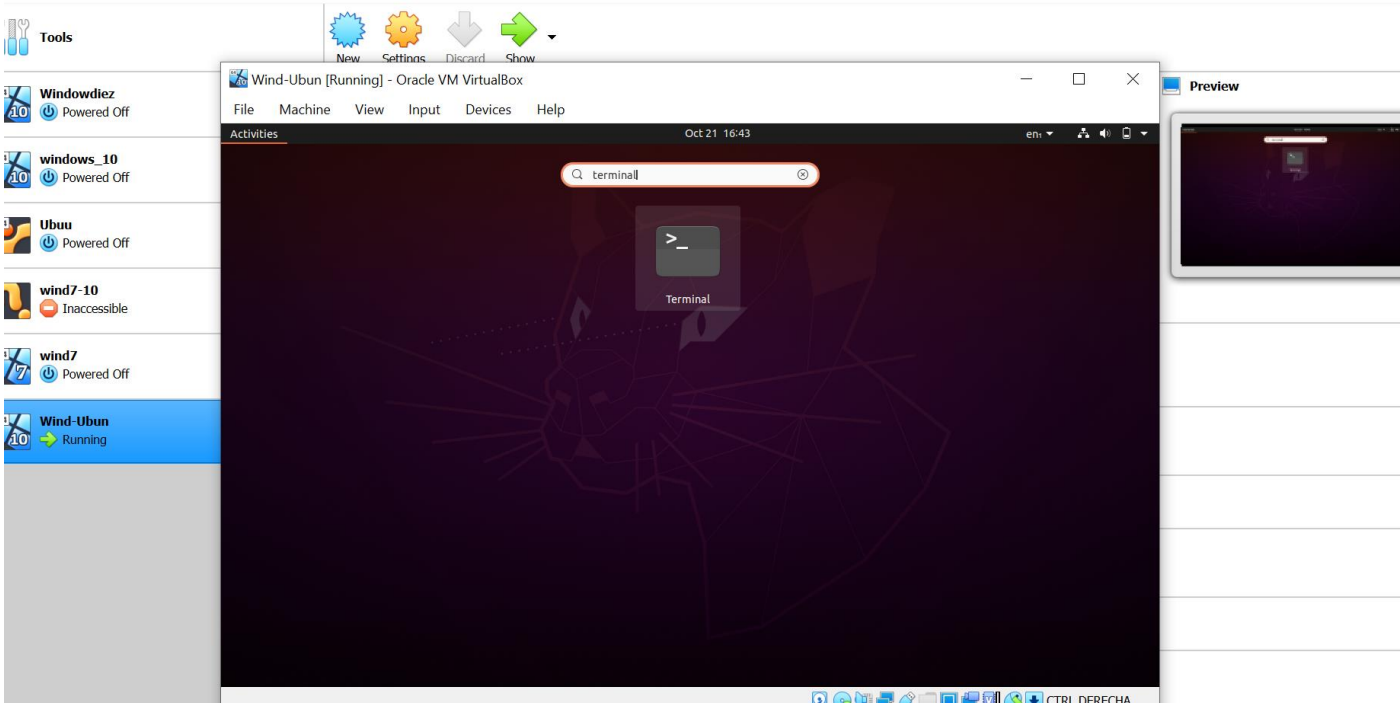

Tools
Windowdiez
Powered Off
windows_10
Powered Off
Ubuu
Powered Off
wind7-10
Inaccessible
wind7
Powered Off
Wind-Ubun
Running
Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
double@double-VirtualBox:~$ sudo nano /etc/default/grub
[sudo] password for double:
double@double-VirtualBox:~$ sudo update-grub
Sourcing file `/etc/default/grub'
Sourcing file `/etc/default/grub.d/init-select.cfg'
Generating grub configuration file ...
Found linux image: /boot/vmlinuz-5.11.0-38-generic
done
Power Off
The system will power off automatically in 60 seconds.
Cancel
Restart
Power Off
CTRL DERECHA



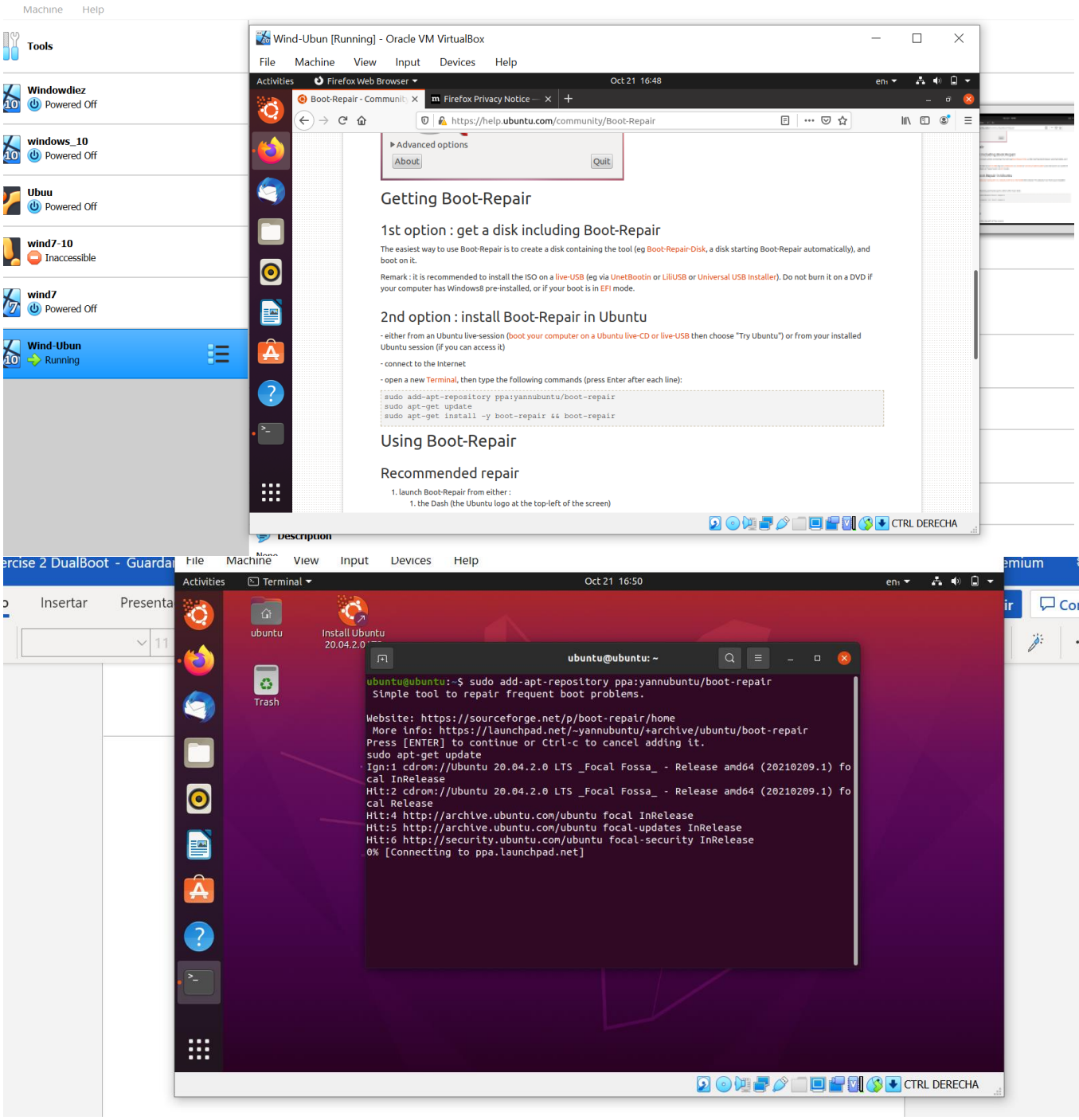
To have again the grub menu from Ubuntu we need to put the Ubuntu' Iso file again to select TRy ubuntu instead the install.

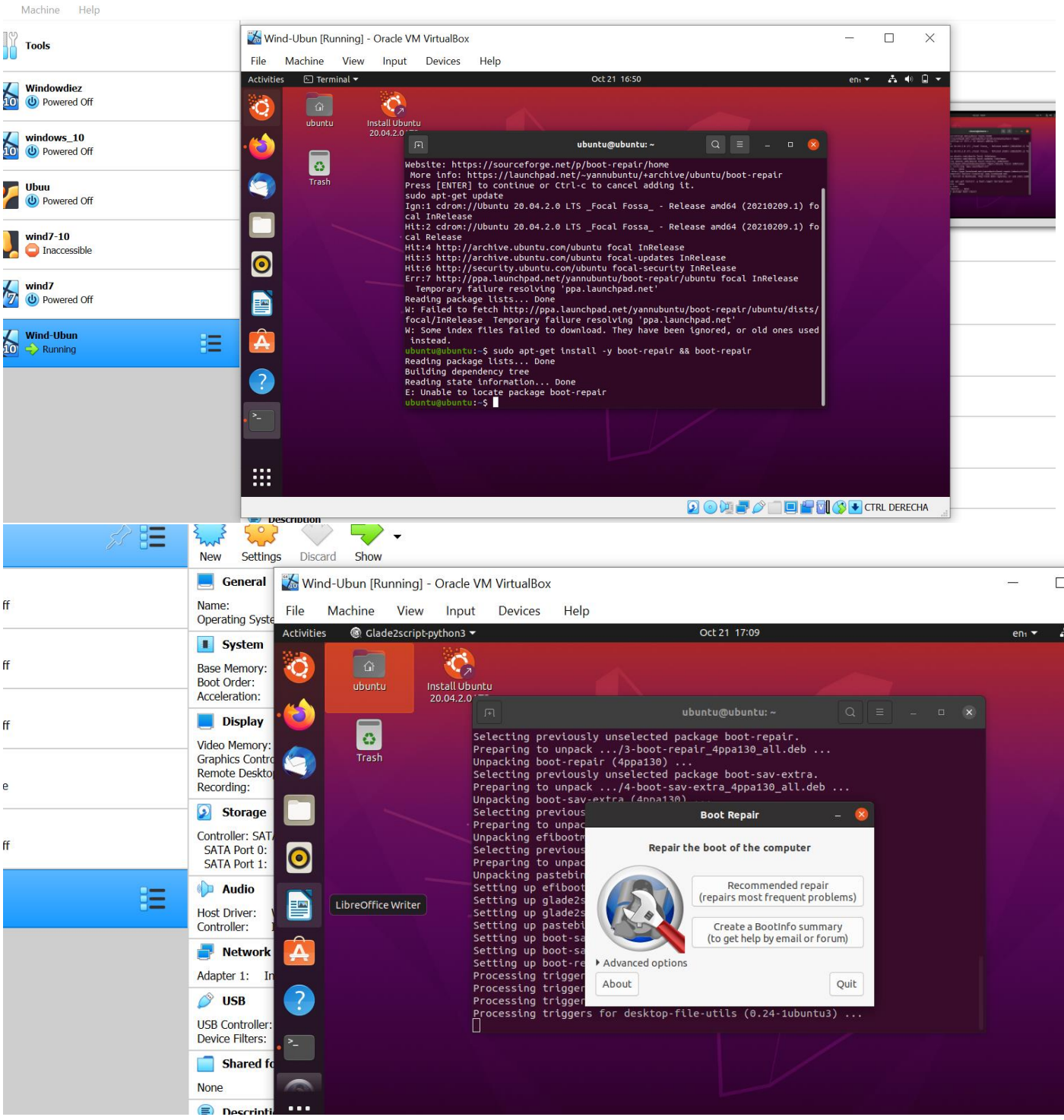

Machine
Help
Tools
Windowdiez
Powered Off
windows_10
Powered Off
Ubuu
Powered Off
wind7-10
Inaccessible
wind7
Powered Off
Wind-Ubun
Powered Off
Wind-Ubun - Settings
General
System
Display
Storage
Audio
Network
Serial Ports
USB
Shared Folders
User Interface
Storage
Storage Devices
Controller: SATA
Wind-Ubun.vdi
Empty
Attributes
Optical Drive:
SATA Port 1
Live CD/DVD
Hot-pluggable
Information
Type: --
Size: --
Location: --
Attached to: --
OK
Cancel
Preview
Wind-Ubun
New
Settings
Discard
Show
Running
Wind-Ubun [Running] - Oracle VM VirtualBox
File
Machine
View
Input
Devices
Help
Checking disks: 7% complete
Checking ./pool/main/l/llvm-toolchain-9/libllvm9_9.0.1-12_i386.deb
Press Ctrl+C to cancel all filesystem checks in progress
ubuntu
CTRL DERECHA

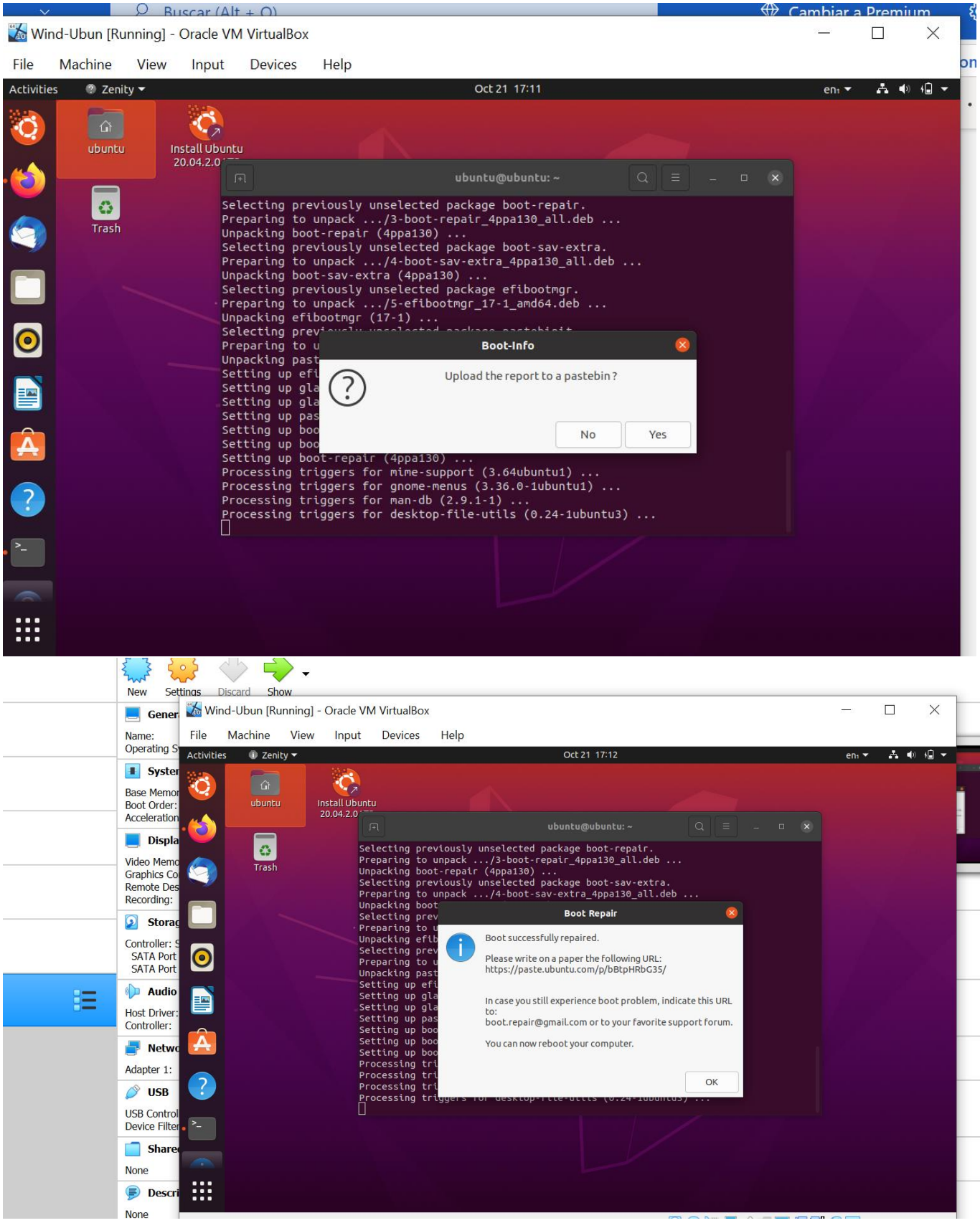




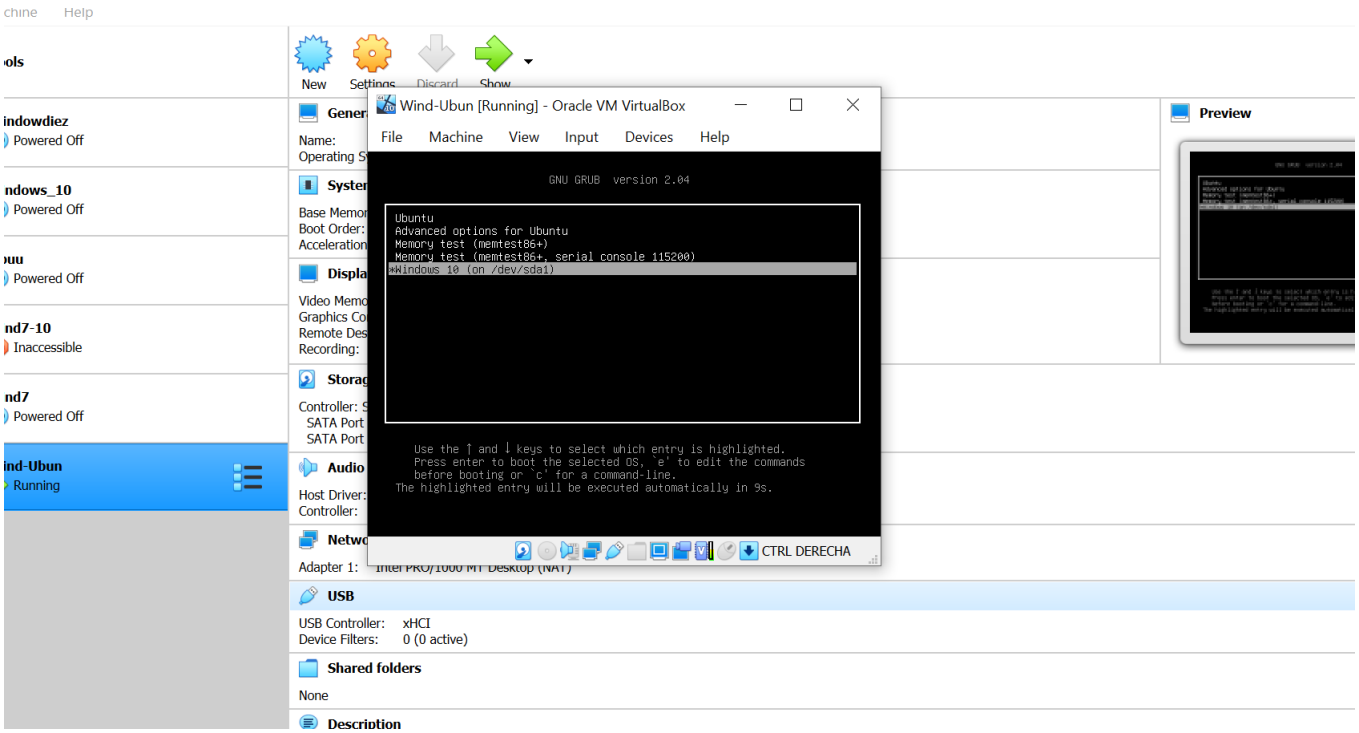
We need to put this few commandline in the terminal and press the recommended repair.


Machine Help
Tools
Windowdiez
Powered Off
windows_10
Powered Off
Ubuu
Powered Off
wind7-10
Inaccessible
wind7
Powered Off
Wind-Ubun
Running
Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Firefox Web Browser Oct 21 16:48
Boot-Repair - Communit
Firefox Privacy Notice
https://help.ubuntu.com/community/Boot-Repair
Advanced options
About
Quit
Getting Boot-Repair
1st option : get a disk including Boot-Repair
The easiest way to use Boot-Repair is to create a disk containing the tool (eg Boot-Repair-Disk, a disk starting Boot-Repair automatically), and boot on it.
Remark : it is recommended to install the ISO on a live-USB (eg via UnetBootin or LiliUSB or Universal USB Installer). Do not burn it on a DVD if your computer has Windows8 pre-installed, or if your boot is in EFI mode.
2nd option : install Boot-Repair in Ubuntu
- either from an Ubuntu live-session (boot your computer on a Ubuntu live-CD or live-USB then choose "Try Ubuntu") or from your installed Ubuntu session (if you can access it)
- connect to the Internet
- open a new Terminal, then type the following commands (press Enter after each line):
sudo add-apt-repository ppa:yannubuntu/boot-repair
sudo apt-get update
sudo apt-get install -y boot-repair && boot-repair
Using Boot-Repair
Recommended repair
1. launch Boot-Repair from either :
1. the Dash (the Ubuntu logo at the top-left of the screen)
CTRL DERECHA
Description
File Machine View Input Devices Help
Activities Terminal Oct 21 16:50
ubuntu
Install Ubuntu 20.04.2.0
Trash
ubuntu@ubuntu: ~
ubuntu@ubuntu:~$ sudo add-apt-repository ppa:yannubuntu/boot-repair
Simple tool to repair frequent boot problems.
Website: https://sourceforge.net/p/boot-repair/home
More info: https://launchpad.net/~yannubuntu/+archive/ubuntu/boot-repair
Press [ENTER] to continue or Ctrl-c to cancel adding it.
sudo apt-get update
Ign:1 cdrom://Ubuntu 20.04.2.0 LTS _Focal Fossa_ - Release amd64 (20210209.1) fo
cal InRelease
Hit:2 cdrom://Ubuntu 20.04.2.0 LTS _Focal Fossa_ - Release amd64 (20210209.1) fo
cal Release
Hit:4 http://archive.ubuntu.com/ubuntu focal InRelease
Hit:5 http://archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:6 http://security.ubuntu.com/ubuntu focal-security InRelease
0% [Connecting to ppa.launchpad.net]
CTRL DERECHA
Insertar
Presenta


Machine Help
Tools
Windowdiez
Powered Off
windows_10
Powered Off
Ubuu
Powered Off
wind7-10
Inaccessible
wind7
Powered Off
Wind-Ubun
Running
Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal Oct 21 16:50
ubuntu@ubuntu: ~
Website: https://sourceforge.net/p/boot-repair/home
More info: https://launchpad.net/~yannubuntu/+archive/ubuntu/boot-repair
Press [ENTER] to continue or Ctrl-c to cancel adding it.
sudo apt-get update
Reading package lists... Done
Building dependency tree
Reading state information... Done
E: Unable to locate package boot-repair
CTRL DERECHA
New Settings Discard Show
General
System
Display
Storage
Audio
Network
USB
Shared fo
None
Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Glade2script-python3 Oct 21 17:09
ubuntu
Trash
LibreOffice Writer
Selecting previously unselected package boot-repair.
Preparing to unpack .../3-boot-repair_4ppa130_all.deb ...
Unpacking boot-repair (4ppa130) ...
Selecting previously unselected package boot-sav-extra.
Preparing to unpack .../4-boot-sav-extra_4ppa130_all.deb ...
Boot Repair
Repair the boot of the computer
Recommended repair
(repairs most frequent problems)
Create a BootInfo summary
(to get help by email or forum)
Advanced options
About
Quit
Processing triggers for desktop-file-utils (0.24-1ubuntu3) ...



We start again Ubuntu and confirm grub'menu is back.


chine Help
ols
New
Settings
Discard
Show
indowdiez
Powered Off
ndows_10
Powered Off
uu
Powered Off
nd7-10
Inaccessible
nd7
Powered Off
ind-Ubun
Running
Wind-Ubun [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
GNU GRUB version 2.04
Ubuntu
Advanced options for Ubuntu
Memory test (memtest86+)
Memory test (memtest86+, serial console 115200)
*Windows 10 (on /dev/sda1)
Use the ↑ and ↓ keys to select which entry is highlighted.
Press enter to boot the selected OS, `e' to edit the commands
before booting or `c' for a command-line.
The highlighted entry will be executed automatically in 9s.
CTRL DERECHA
Preview
Name:
Operating S
Syster
Base Memor
Boot Order:
Acceleration
Displa
Video Memo
Graphics Co
Remote Des
Recording:
Storag
Controller: S
SATA Port
SATA Port
Audio
Host Driver:
Controller:
Netwo
Adapter 1:
USB
USB Controller: xHCI
Device Filters: 0 (0 active)
Shared folders
None
Description