VirtualBox Download & How to use

- Download virtualbox depending on your computer's OS
- https://www.virtualbox.org/wiki/Downloads



Virtual Box

Here you will find links to VirtualBox binaries and its source code.

search...
Login Preferences

Screenshots

Downloads

Documentation

End-user docs

Technical docs

Contribute

Community

VirtualBox binaries

By downloading, you agree to the terms and conditions of the respective license.

If you're looking for the latest VirtualBox 6.0 packages, see VirtualBox 6.0 builds. Please also use version 6.0 if you need to run VMs with software virtualization, as this has been discontinued in 6.1. Version 6.0 will remain supported until July 2020.

If you're looking for the latest VirtualBox 5.2 packages, see VirtualBox 5.2 builds. Please also use version 5.2 if you still need support for 32-bit hosts, as this has been discontinued in 6.0. Version 5.2 will remain supported until July 2020.

VirtualBox 6.1.4 platform packages

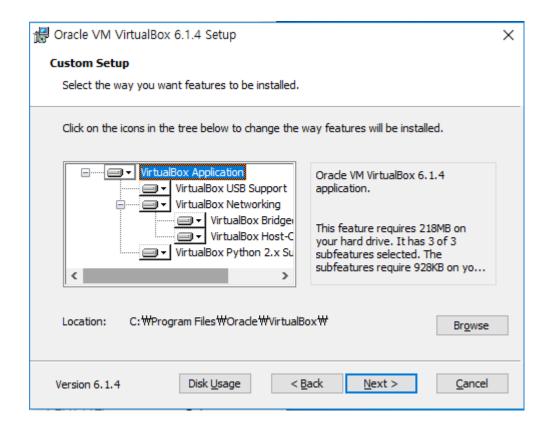
- B→Windows hosts
- BOS X hosts
- · Linux distributions
- ⇒Solaris hosts

The binaries are released under the terms of the GPL version 2.

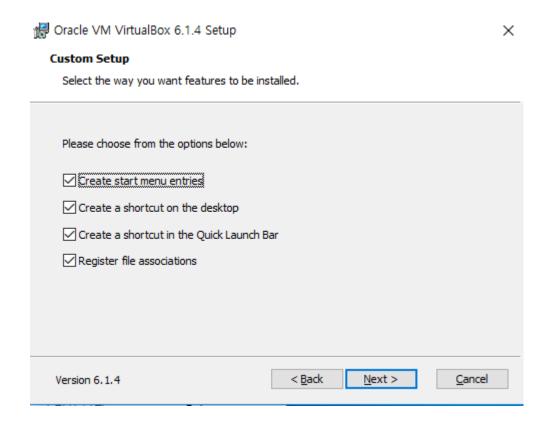
See the changelog for what has changed.

You might want to compare the checksums to verify the integrity of downloaded packages. The SHA256 checksums should be favored as the MD5 algorithm must be treated as insecure!

- Run installer
- Press next



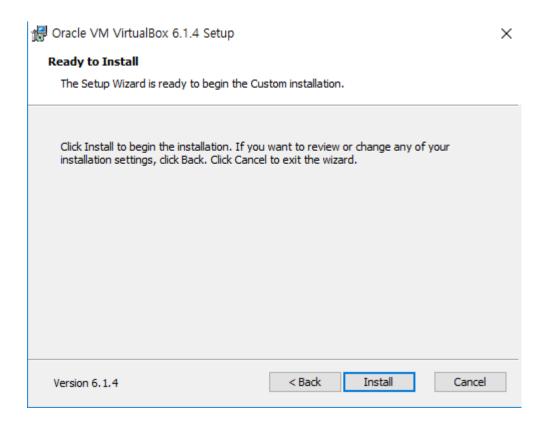
Next

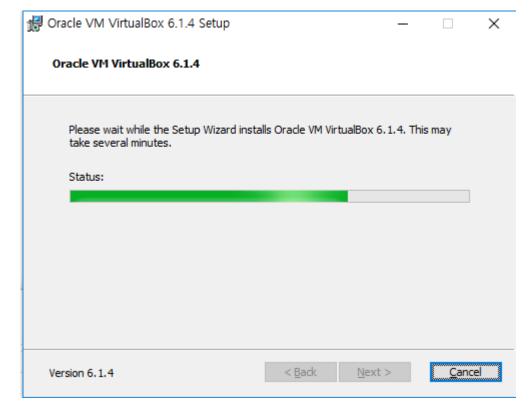


• Start installation



Continue installing

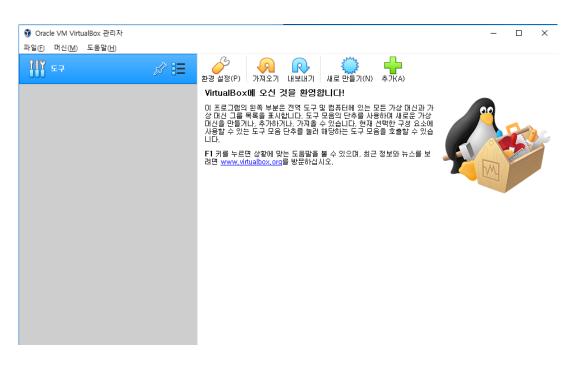




• If installation is complete, start the VirtualBox

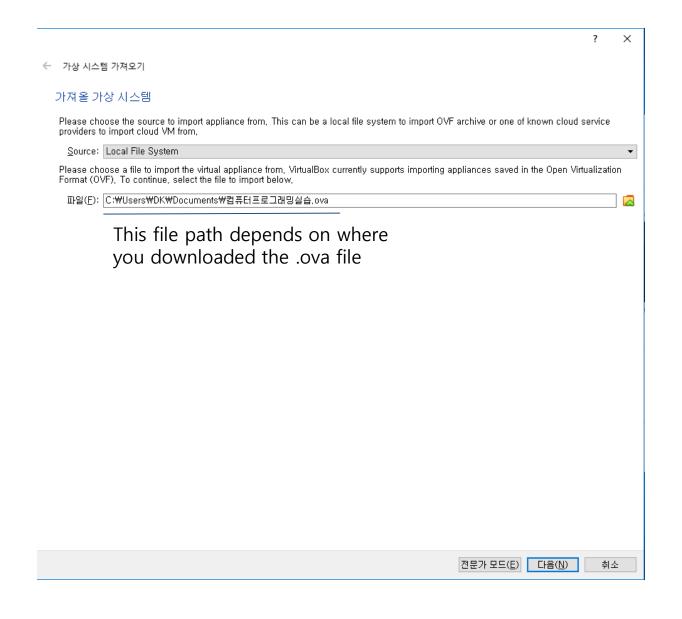


- You will see such window
- Press 가져오기 or Import

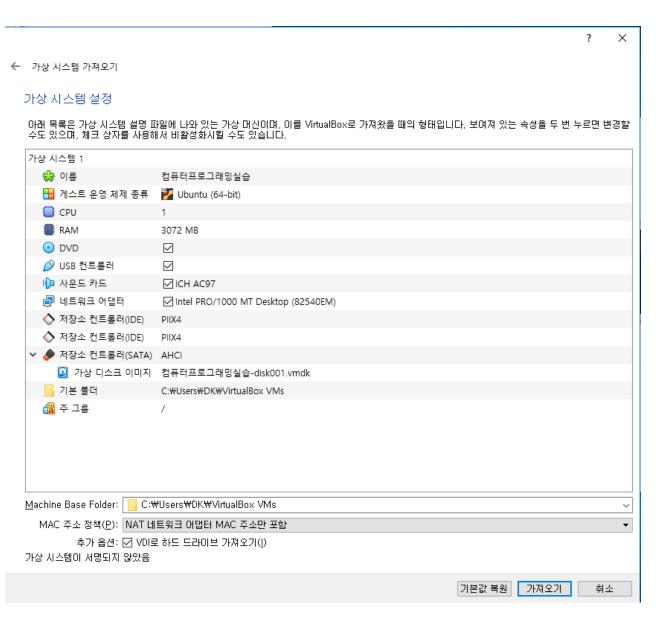




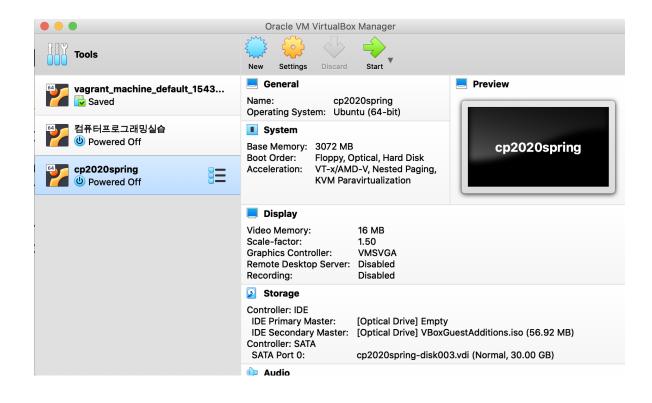
- Select the .ova file that we have provided (cp2020spring.ova)
- Press Next



- Leave whatever it says as it is
- And continue



- If successful, you will see cp2020spring on the list
- Ubuntu user name: cp2020
- Password: 1234



- If run the virtual os, you will see ubuntu 16.04 system
- There are vscode and IntelliJ IDEA downloaded.



- To run vscode, search vscode and run
- To run IDEA, search IDEA and run

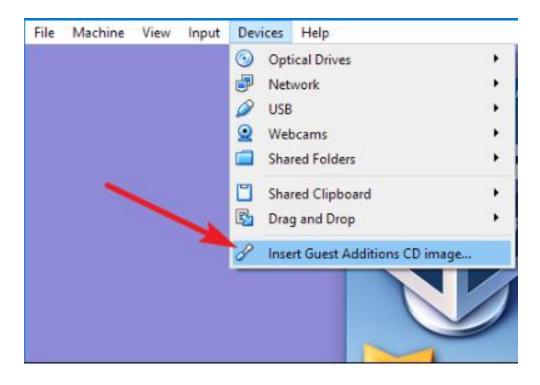


- vscode build and run:
 - ctrl + shift + b : build
 - ctrl + shift + t : run the executable

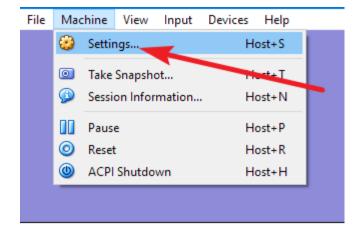
VirtualBox Environment

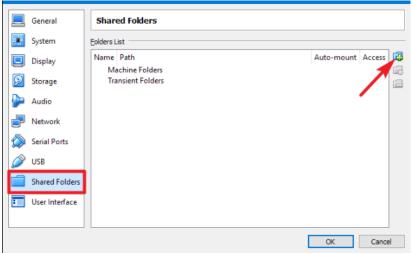
- Please note!
- We will use this environment to score your projects and homework (if assigned).
- Make sure your code runs completely without error in THIS environment so you can avoid unnecessary failure in class.

- It is shared folder between your main OS and the virtual OS.
- Run the virtual OS and press button on the picture
- Install what it says to.
- I have made directory /mnt/share for you.



- Go to settings -> shared folders
- And add one under Machine Folders.





- 1 is the folder path on your main machine.
- 2 is folder name
- 3 is folder path on virtual machine (which is mnt/share I made for you)



- Start the machine and open Terminal
- Follow the picture to type commands and access to share folder!
- You will see whatever file you put into the folder from the main OS.

```
prot@cp2020-Ubuntu16:/mnt/share

cp2020@cp2020-Ubuntu16:/s sudo su

[sudo] password for cp2020:
root@cp2020-Ubuntu16:/home/cp2020# cd /
root@cp2020-Ubuntu16:/# ls

bin dev initrd.img lib64 mnt root snap wing VBox.log

boot etc inttrd.img.old lost+found opt run srv usr vmlinuz

cdrom home lib media proc sbin sys var

root@cp2020-Ubuntu16:/# cd mnt/share/
root@cp2020-Ubuntu16:/mnt/share# ls

ChessBoard_2018.java

root@cp2020-Ubuntu16:/mnt/share#
```

Be careful!

- Your virtual machine only has 30GB for storage..
- You should not download unnecessary files into virtual machine since it will slow down the system.
- GOOD LUCK!

```
cp2020@cp2020-Ubuntu16:/mst/share
cp2020@cp2020-Ubuntu16:~$ sudo su
[sudo] password for cp2020:
root@cp2020-Ubuntu16:/home/cp2020# cd /
root@cp2020-Ubuntu16:/# ls
bin dev initrd.img lib64 mnt root snap two VBox.log
boot etc initrd.img.old lost+found opt run srv usr vmlinuz
cdrom home lib media proc sbin sys var
root@cp2020-Ubuntu16:/# cd mnt/share/
root@cp2020-Ubuntu16:/mnt/share# ls
ChessBoard_2018.java
root@cp2020-Ubuntu16:/mnt/share#
```