

System Programming

- Linux Installation on Virtual Machine -

Suwon Oh

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Computer Systems and Platforms Laboratory
School of Computer Science and Engineering
Seoul National University

Linux Mint

- **Linux Mint** is a computer operating system designed to work on most modern systems, including typical **x86** and **x64** PCs.
- The **Linux Mint** project focuses on making the desktop more usable and more efficient for everyday tasks performed by regular users. Underneath the desktop the operating system also provides a huge collection of available software and a very well integrated set of services.



Download the ISO

- <http://www.linuxmint.com/download.php>

Download Linux Mint 17.1 Rebecca

Information

Our latest release is Linux Mint 17.1, codename "Rebecca".



[Read the Linux Mint User Guide](#)

[Read the release notes](#)

Download links

| | | EDITION | MULTIMEDIA SUPPORT * | |
|--------------------|------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Cinnamon | 32-bit | 64-bit | An edition featuring the Cinnamon desktop | Yes |
| Cinnamon No codecs | 32-bit | 64-bit | A version without multimedia support. For magazines, companies and distributors in the USA, Japan and countries where the legislation allows patents to apply to software and distribution of restricted technologies may require the acquisition of 3rd party licenses*. | No |

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For Linux Mint Hardware

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




The mintBox

Mint in a Box

Click !

Download the ISO

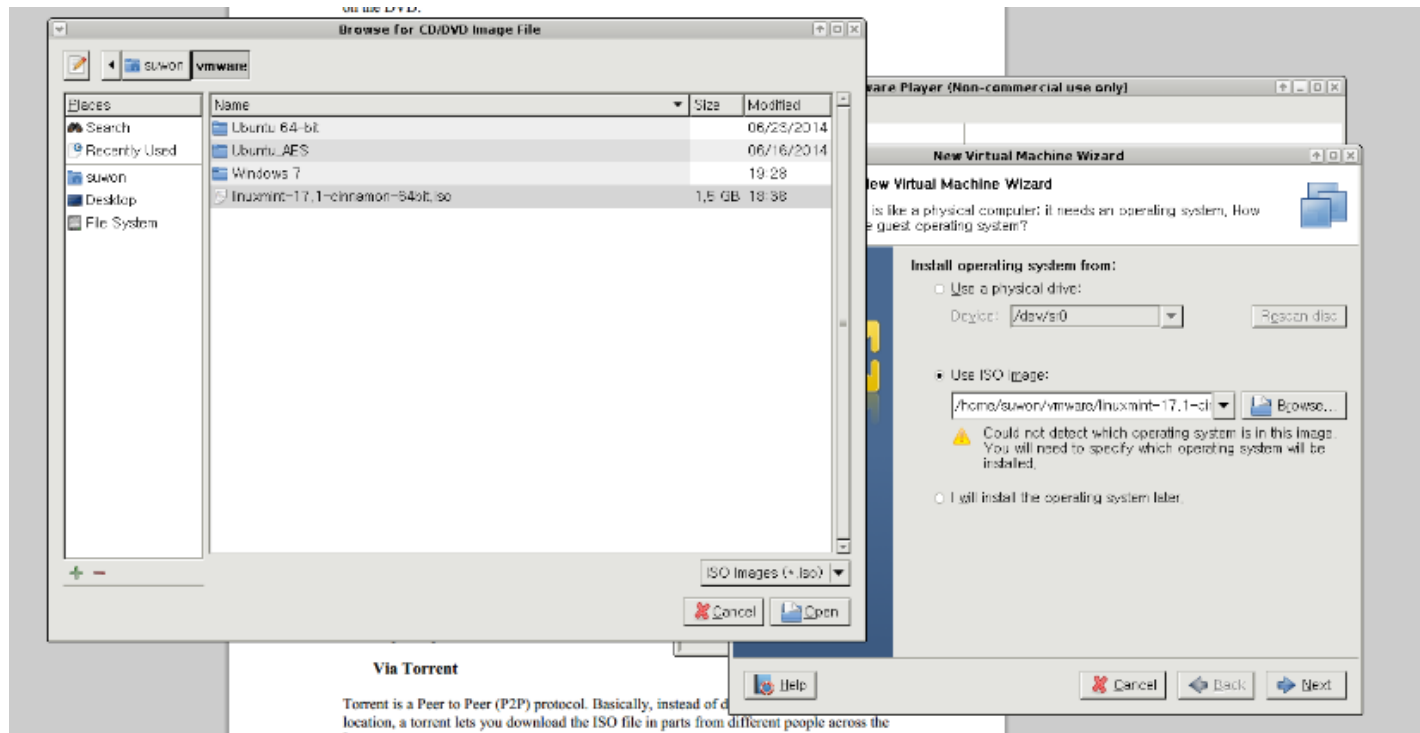
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| Primary download mirrors | | | |
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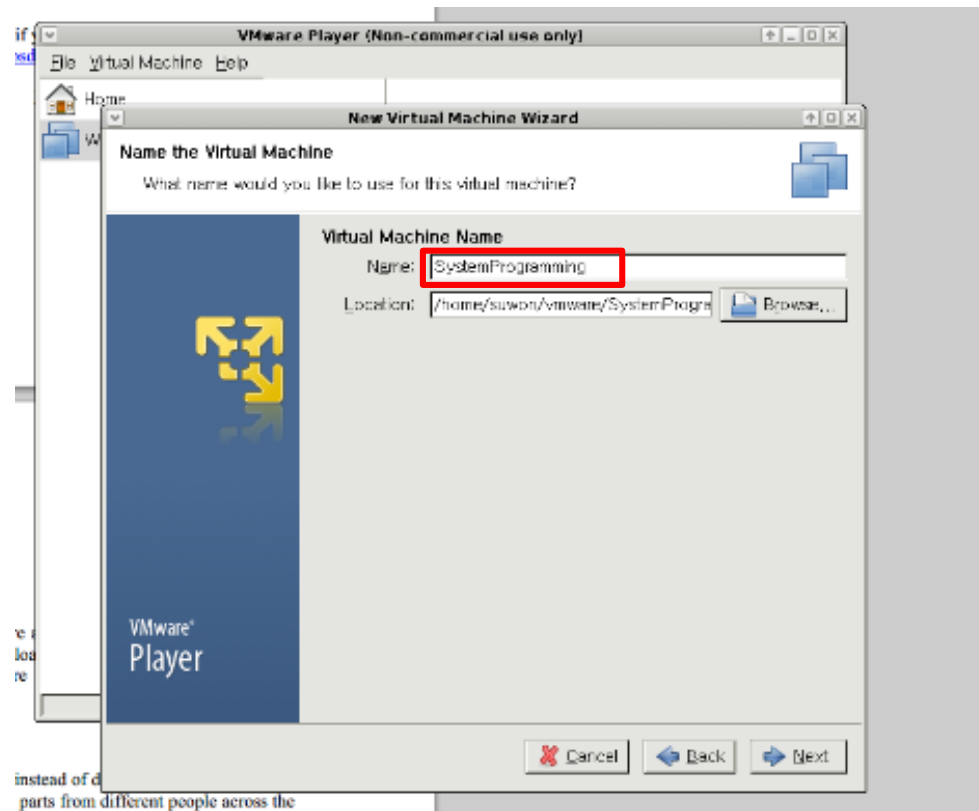
Create a New Virtual Machine

- Open downloaded iso file & click 'Next'



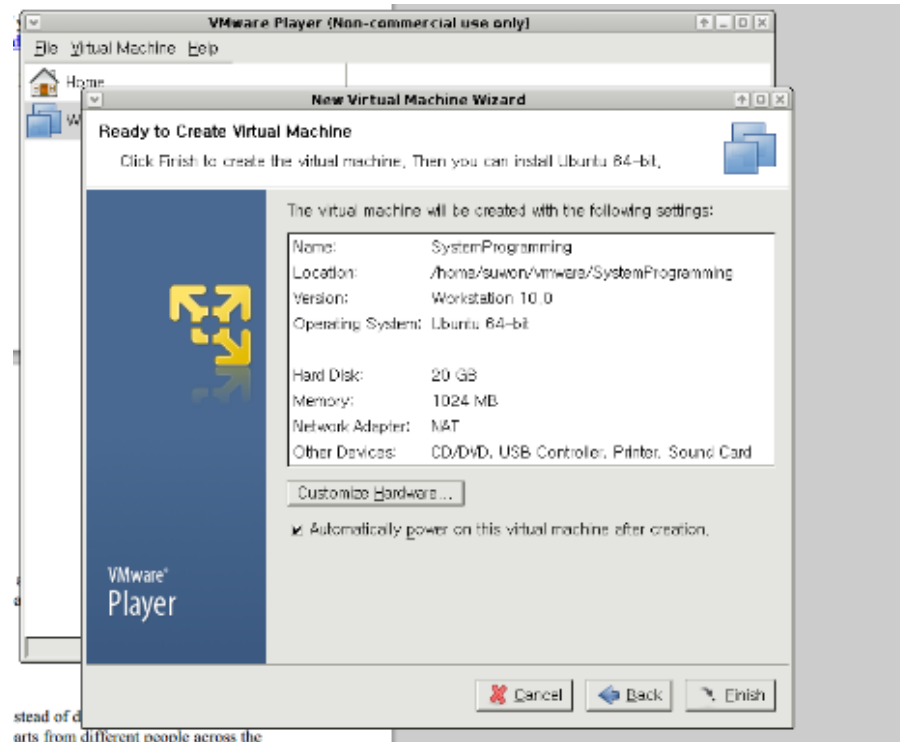
Create a New Virtual Machine

- Change Name & click 'Next'



Create a New Virtual Machine

- Click 'Finish'



Install Linux Mint on Virtual Machine

- Automatically booting the LiveDVD after finish to create a virtual machine.



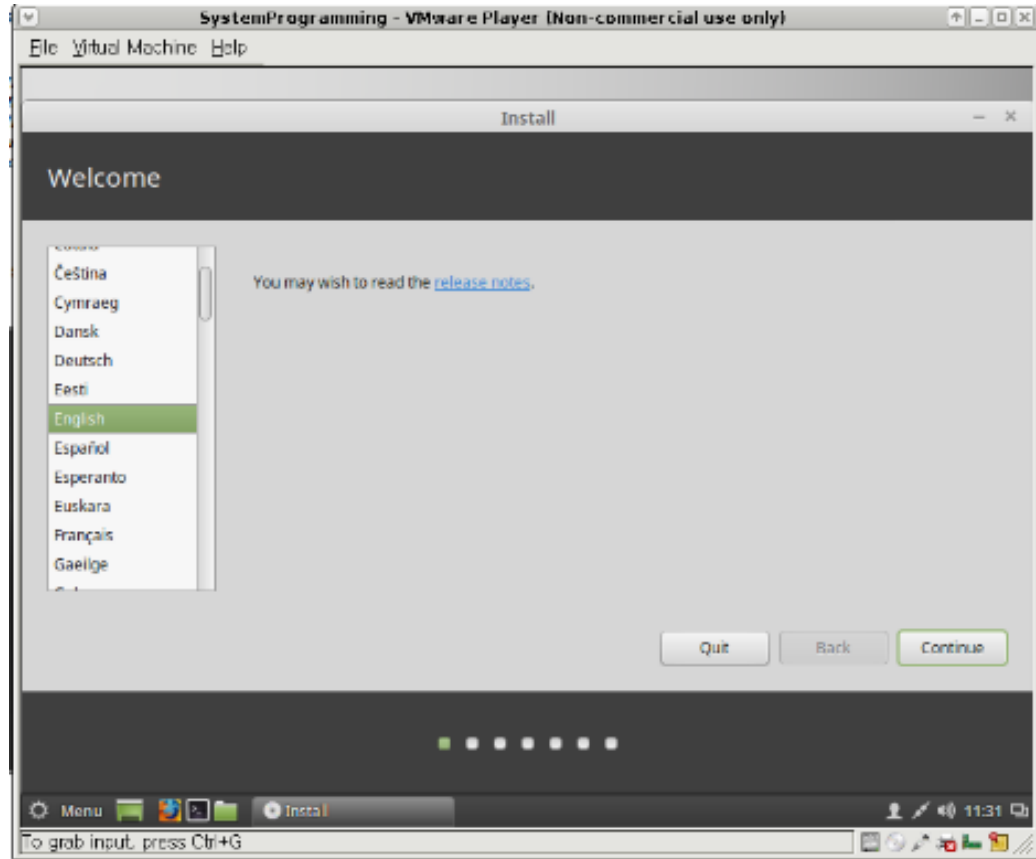
Install Linux Mint on Virtual Machine

- Execute Install Linux Mint on the Desktop



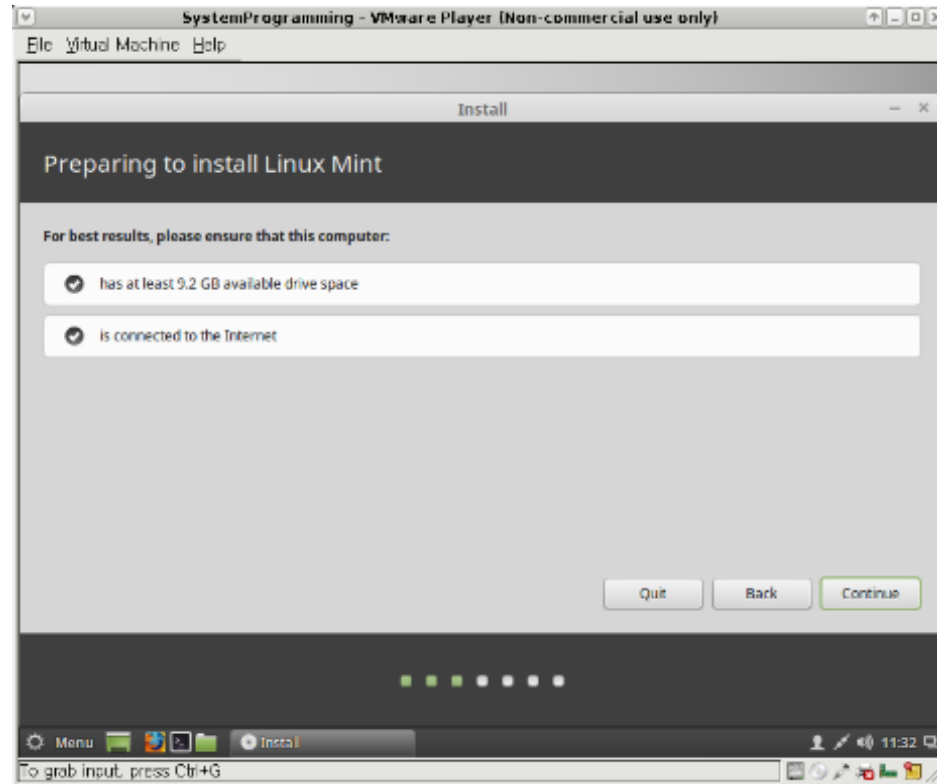
Install Linux Mint on Virtual Machine

- Select your language.



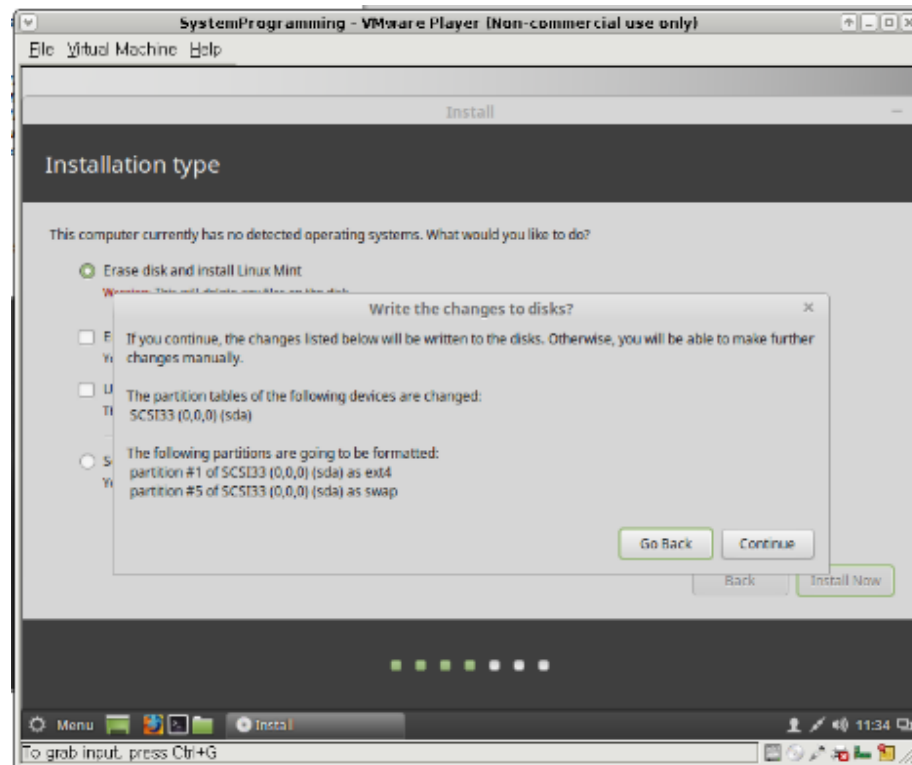
Install Linux Mint on Virtual Machine

- Click 'Continue'



Install Linux Mint on Virtual Machine

- Click 'Install Now' & Click 'Continue'



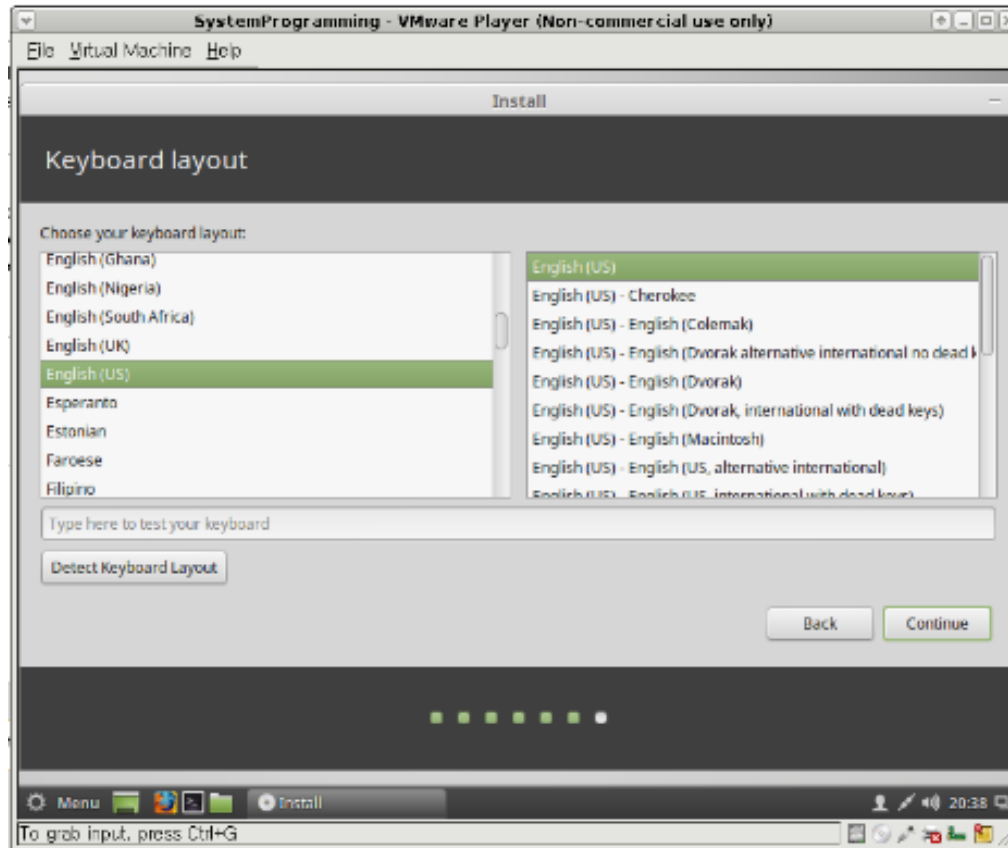
Install Linux Mint on Virtual Machine

- Click 'Continue'



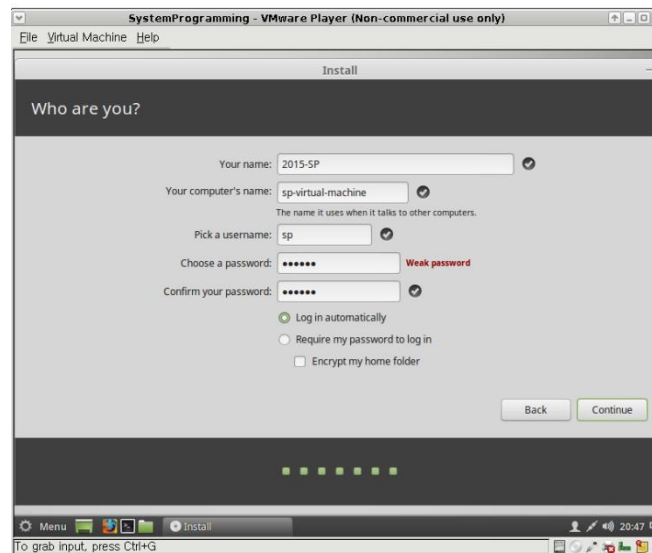
Install Linux Mint on Virtual Machine

- Click 'Continue'



Install Linux Mint on Virtual Machine

- Fill out all forms as followings.
 - Enter your name as '2015-SP'.
 - Then, automatically filled out computer's name & username.
 - Enter a password as 'system'.
 - **Don't enter other password.**
 - Check 'Log in automatically' & finally click 'Continue'.



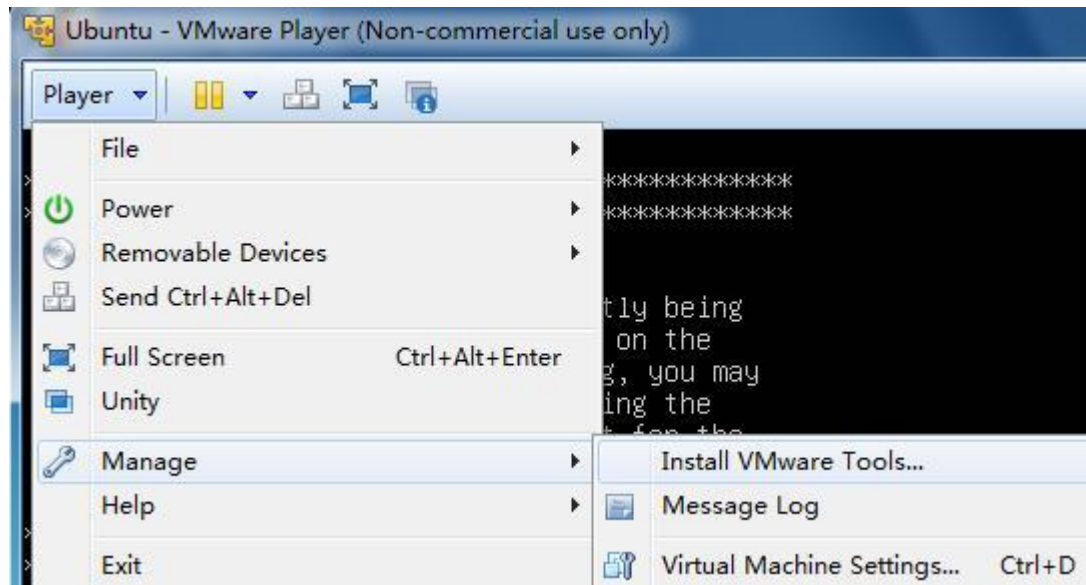
Install Linux Mint on Virtual Machine

- After a few minutes, Click 'Restart Now' & type Enter.



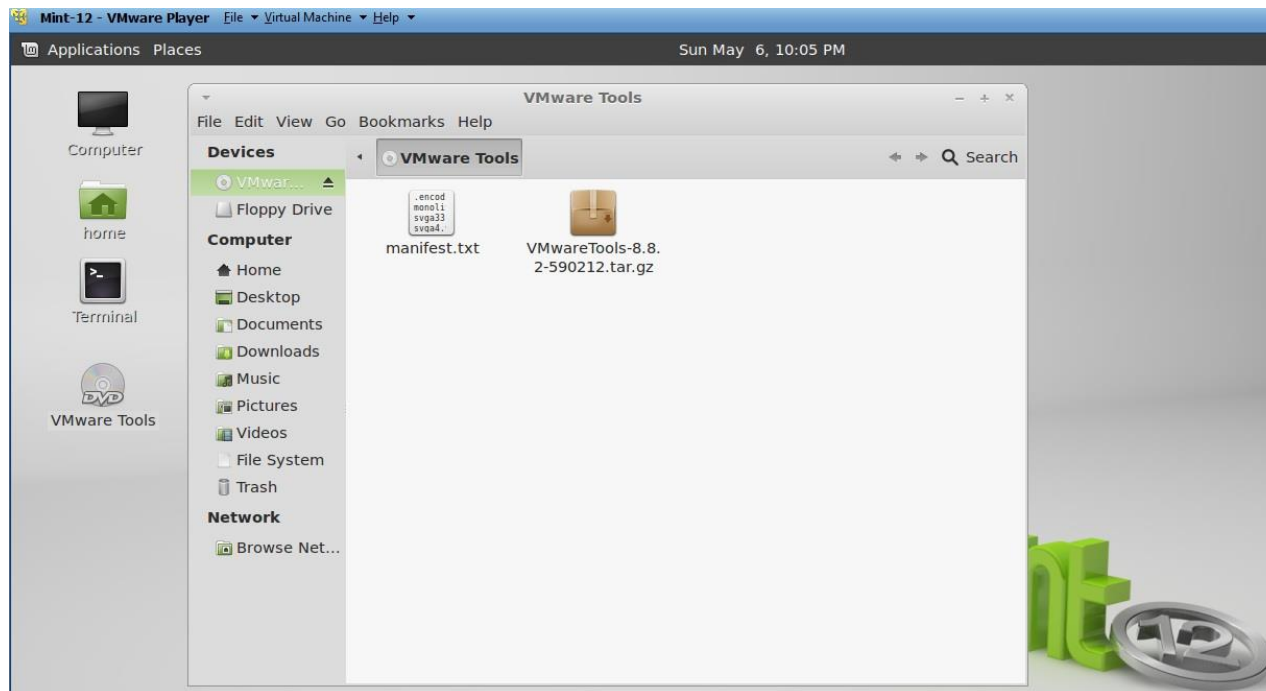
Using Shared Folder on Virtual Machine

- **Player > Manage > Install VMware Tools.**



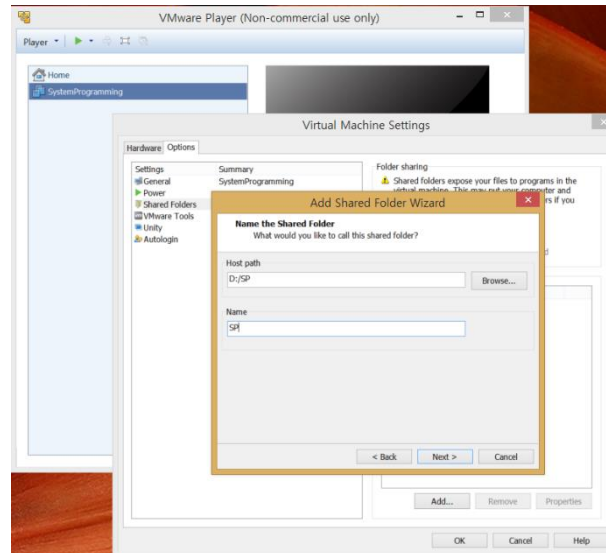
Using Shared Folder on Virtual Machine

- Copy tar file into LinuxMint Desktop & untar it using terminal.
 - `$ tar xvf VMwareTools*.tar.gz`
 - `$ cd vmware-tools-distrib`
 - `$ sudo ./vmware-install.pl -d`



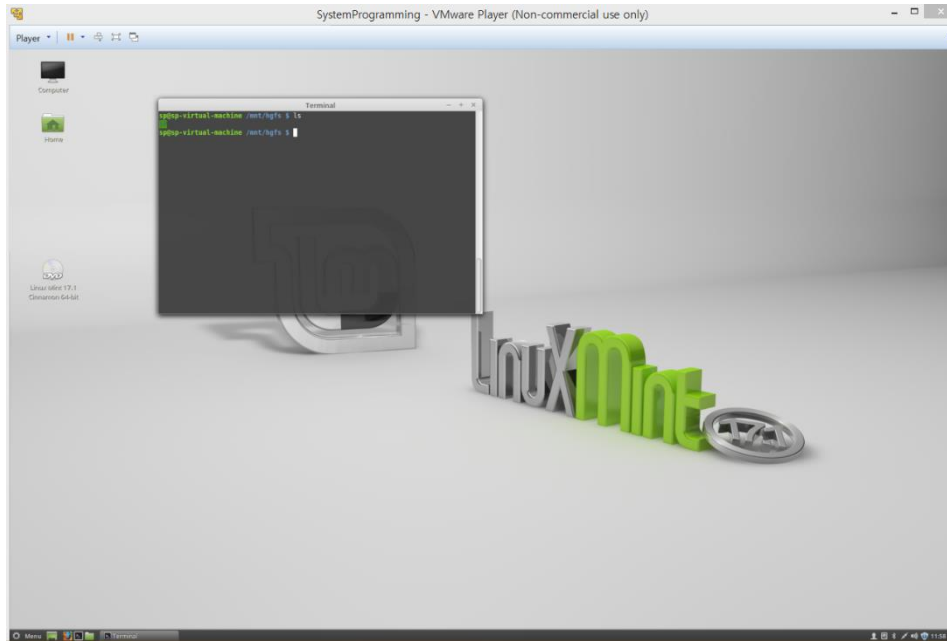
Using Shared Folder on Virtual Machine

- Shut down LinuxMint & set Shared Folder in VMware Player.
 - Virtual Machine Settings > 'Options' Tab > Shared Folders.
 - Check 'Always enabled' & Click 'Add' & Fill out all forms.
 - ▶ Host path : **D:\SP**
 - ▶ Name : **SP**
 - Check 'Enable this share'.



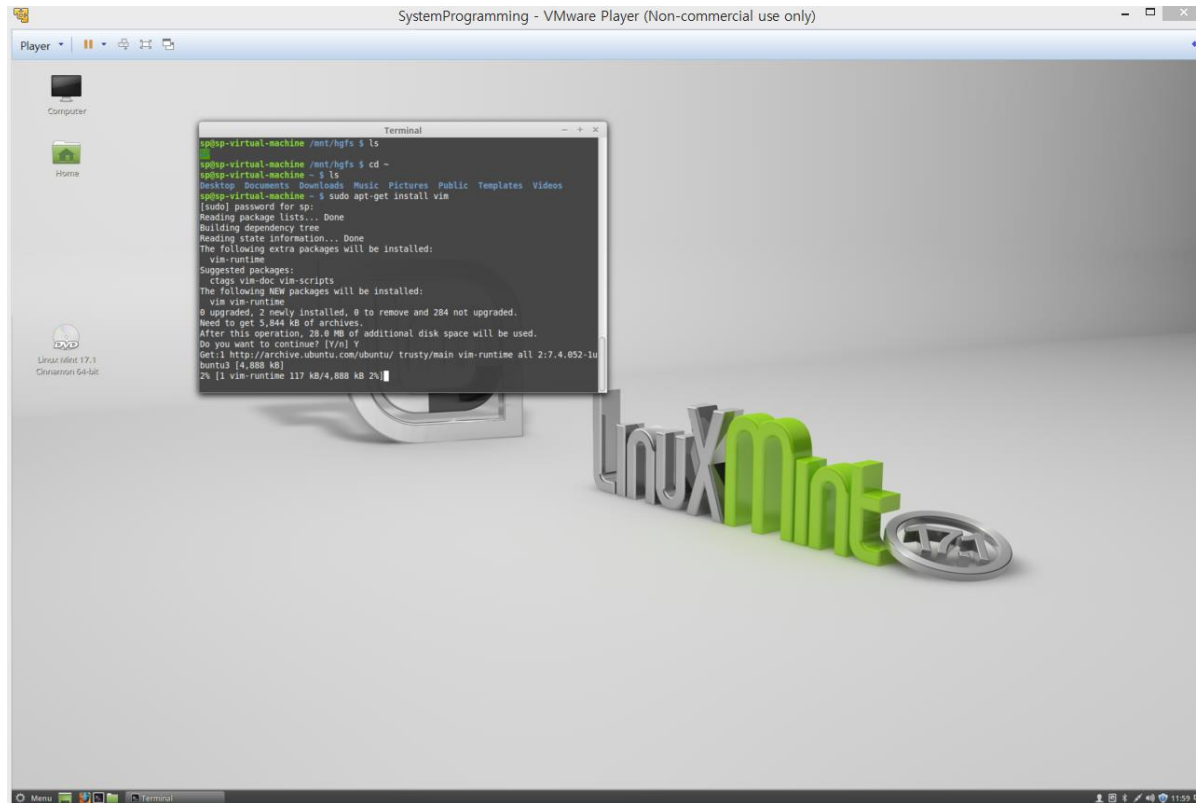
Using Shared Folder on Virtual Machine

- Turn on LinuxMint & turn on a terminal.
 - `$ cd /mnt/hgfs`
 - `$ ls`
 - ▶ You can see 'SP' shared folder. That's it!



Installing Vim

- `$ sudo apt-get install vim`
- Type password : **system**



Reference

- http://www.linuxmint.com/documentation/user-guide/Cinnamon/english_17.1.pdf



Thank you :)

Any Questions?