

Week Report 3

Summary of Presentation

Exploring Desktop Environments

There are different desktops environments, such as:

- GNOME
- MATE
- Cinnamon
- Pantheon
- KDE A graphical user interface or GUI allows the user to use the computer by using visual effect. A desktop environment or DE is an default interface made of a bundle of programs. Some elements of the desktop environment include:
 - Display manager
 - File Manager
 - Icons
 - Favorite bar
 - Launcher

The bash SHell

It is a program that let user access to the Linux system. Some shells are:

- Tcsh Shell
- CSh SHhell
- KSh Shell
- Zsh Shell
- Fish Shell Moreover, some bash shortcuts include the Ctrl + A, Ctrl+ E, Ctrl + K, etc.

Managing Software

1. Command for updating ubuntu: `sudo apt update`
2. Command for installing software: `sudo apt install 'name of the program'`
3. Command for removing software: `sudo apt remove 'name of the program'`
4. Command for searching for software: `apt search 'name of the software'`
5. Definition of the following terms:
 - Package: A compressed file archive containing all of the files for an application.
 - Library: Collection of pieces of code.
 - Repository: A storage location that serves as the location of application and OS updates.

```
1 diegoph@diegoph-VirtualBox:~$ sudo apt-get update
[sudo] password for diegoph:
Hit:1 http://us.archive.ubuntu.com/ubuntu focal InRelease
Hit:2 http://archive.canonical.com/ubuntu focal InRelease
Get:3 http://us.archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
1 Get:4 http://us.archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Get:5 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
> Fetched 336 kB in 1s (478 kB/s)
Reading package lists... Done
diegoph@diegoph-VirtualBox:~$ sudo apt-get upgrade
Reading package lists... Done
Building dependency tree
Reading state information... Done
Calculating upgrade... Done
The following packages were automatically installed and are no longer required:
  apport-symptoms cuyo-data guile-2.2-libs libgc1c2 libgnome-games-support-1-3
  libgnome-games-support-common libmanette-0.2-0 libqqwing2v5
  libqt5positioning5 libqt5qml5 libqt5quick5 libqt5script5 libqt5sensors5
  libqt5webchannel5 libqt5webkit5 python3-systemd xmms2-core
Use 'sudo apt autoremove' to remove them.
The following packages have been kept back:
6.  libjavascriptcoregtk-4.0-18 libwebkit2gtk-4.0-37
```