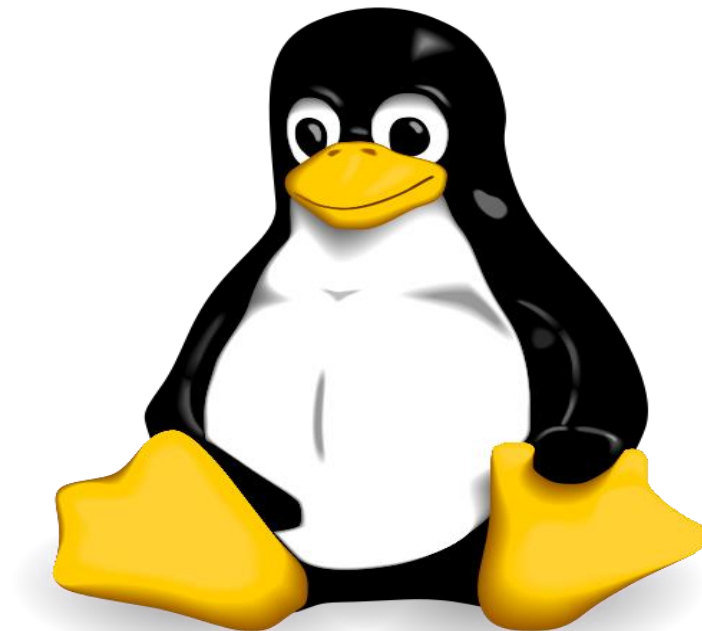


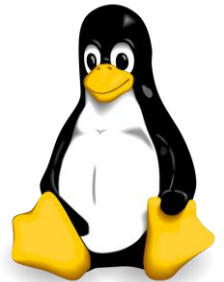
Mohanad Ahmed Mezher

# Operating System(fedora) Linux(Fedora or Slackware) Process And Thread Management



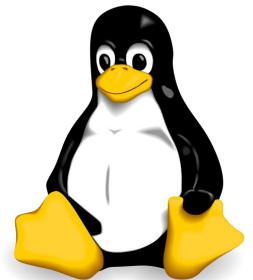
# Fedora Operating System (Linux Based)

- Fedora is an operating system based on the Linux kernel(1991 Linus torvalds).
- The Fedora Project was created in late 2003.
- It is developed by REDHAT Enterprise.
- Fedora contains software distributed under a free and open source license .
- Linus Torvalds, author of the Linux kernel, uses Fedora on all his computers.



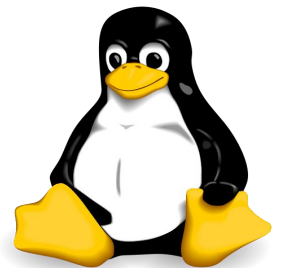
# What is Fedora.....?

- Fedora is a Linux based operating system that showcases the latest in free and open software.
- Fedora is always free for anyone to use modify and distribute.
- It is built by people in group shape project across globe.



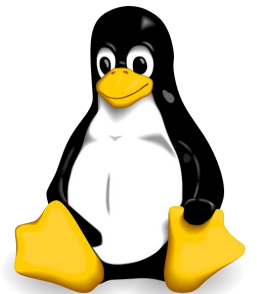
# Fedora Projects

- Fedora 10 has over 7000 source packages.
- Translation 80+Language.
- World wide ambassador and marketing.
- World wide infrastructure team.
- Art work ,websites and quality assurance



# Why fedora is for you.....

- Because it's freedom.
- Because it grows fast.
- Because it's community based.
- Because it does everything you need.



# *Founder of LINUX*

- Linux first released was on October 5<sup>th</sup> 1991 by student in Helsinki, Finlandia named Linus Torvalds
- The name of “Linux” has taken from the founder namely “Linus” Torvalds



# *The fundamental difference of linux & other operating system*

- It's Free! Yes, because anyone can change the source code without pay any fee.
- Free from Viruses, because the computer virus in general running in binnary X11 and “masquerade” as Executable Program (exe). While Linux is not running that binnary.



VS.



# *Linux DIStribution*

- Linux Distribution is a member of the family of Unix-like operating systems built on top of the Linux kernel. Such distributions (often called *distro* for short) are operating systems including a large collection of software applications such as word processors, spreadsheets, media players, and database applications.





# Advantages of fedora linux OS:

- Freedom :
- Most Linux distros are free , users do not need to pay for a copy
- Linux distros scan be freely downloaded and legally installed on as many computers
- You can access linux source code easily , because it is open system software.....



# Linux easy to install

- In many instances, it is actually easier to install Linux to your computer than Windows.
- It takes only 5-10 minutes for installation



# Linux is very stable

- Linux systems rarely crash, and when they do, it whole system normally does not go down familiar to Windows users is not a worry for Linux users.....



# Linux typically does not slow over time

- Linux does not easily become bogged down with spyware, viruses, etc.. which can greatly reduce a computer's performance.
- Because Linux does not have a registry like Windows, is not plagued with registry errors which can slow down a computer over time.....



# Linux can breath new life into old computers

- If you have an older computer (especially pentium iii) you can install Linux and in essence have a new computer.
- In many cases Linux will run faster and you can do all of the basics such as browse the Internet email, play games, and create and edit documents, spreadsheets, and PowerPoint presentations.



# With linux you have so many choices in a wide variety of distros

- Linux comes in all sizes and flavors, which offers a wide variety from which to choose the distro which will best suit your needs...
- Builtin softwares..
- Word , power point , Excel , adobe Photoshop , built in drivers of sound , Lan etc....



Linux

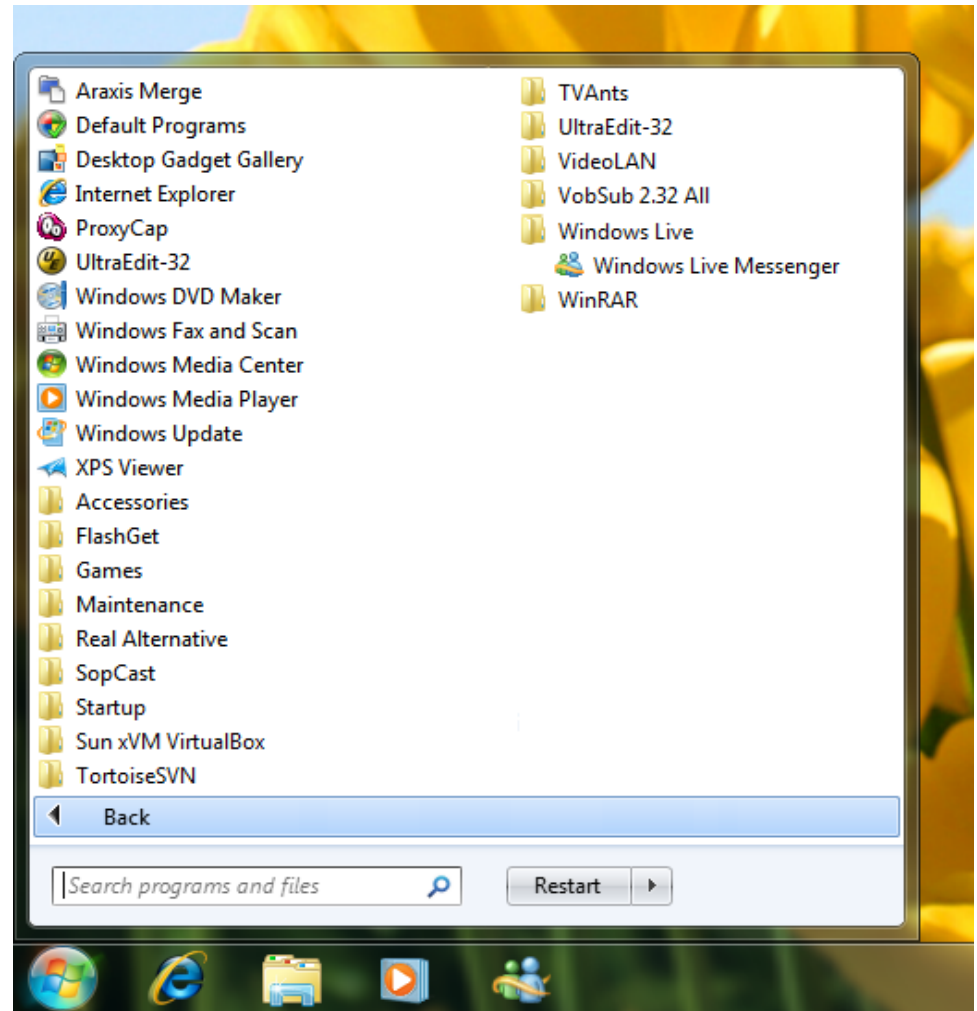
# Update all your software with a single click

- Windows has a pretty convenient tool called "Windows update", which allows you to update your system with the latest updates available
- Linux has a central place called the "Package manager", which takes care of everything installed on your system So if you want to keep *everything* up-to-date, the only thing you need to do is press the "Install Updates" button down there



# No big mess in your start menu

- In window 7 start menu





# No big mess in your start menu

- In Linux Fedora start menu



# Disadvantages of Fedora Linux OS

- Many windows programs will not run in linux
- Microsoft office , internet explorer and many other Windows programs will not run natively in Linux.
- The good news is that there are decent ways around most of these problems.



# Disadvantages of Fedora Linux OS

- Mozilla Firefox and Google chrome are outstanding Internet browsers which can be used in the place of Internet Explorer.

# smaller selection of peripheral hardware drivers for linux

- There is a smaller selection of peripheral hardware drivers (for printers, scanners, and other devices) in Linux as compared to Windows, though many new Linux hardware drivers are constantly being added.
- There are many hardware compatibility issues to linux OS

# Fire it up

- Thanks to you for your attention

