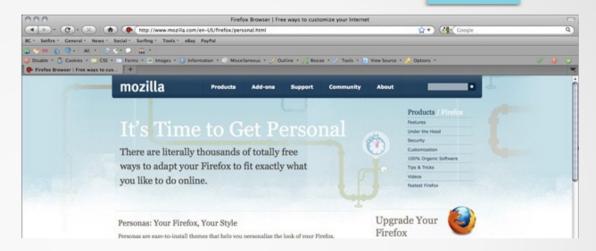# INTRODUCTION TO FOSS

FOSS stands for "FREE AND OPEN SOURCE SOFTWARE"
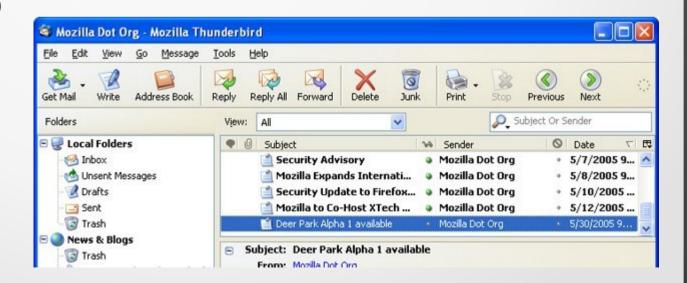
How many of you have used …..

- MOZILLA FIREFOX

- THUNDERBIRD

AND

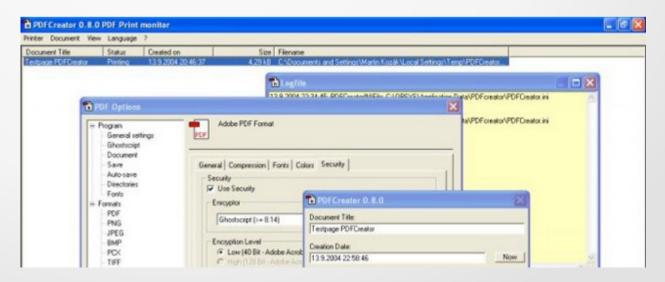- VLC MEDIA PLAYER

- OPEN OFFICE

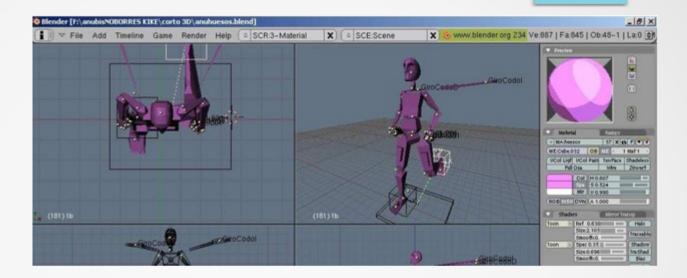# AND

- NOTEPAD ++

- PDF CREATOR
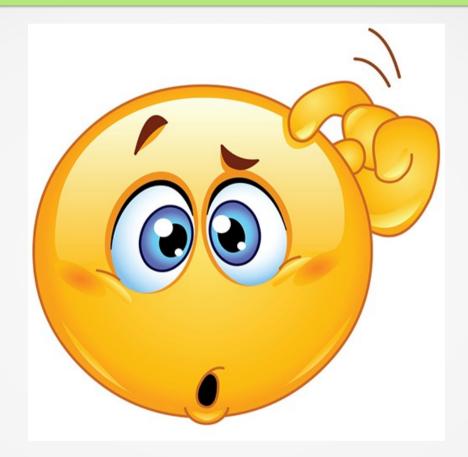
ALSO

- BLENDER

- GIMP

What is common in all of them ??

All of the Above are free and open source software.

SO WHAT DO YOU MEAN BY FREE AND OPEN SOURCE SOFTWARE??????

CONFUSED??????

LETS GO BACK IN HISTORY AND FIND OUT

1985

- In 1985 a man with a vision that **"Free software is software that respects your freedom and the social solidarity of your community."** formed **FREE SOFTWARE FOUNDATION (FSF).**

- He along with a group of like minded programmers started work in developing the tools needed to make a complete OS – like an editor (EMACS), a C compiler (GCC), Libraries and all associated generic unix tools like cat,ls,chmod etc

ANY GUESS???

RICHARD STALLMAN

1990

- In 1990 a finnish student wrote KERNEL and released it under GPL (GNU Public License).
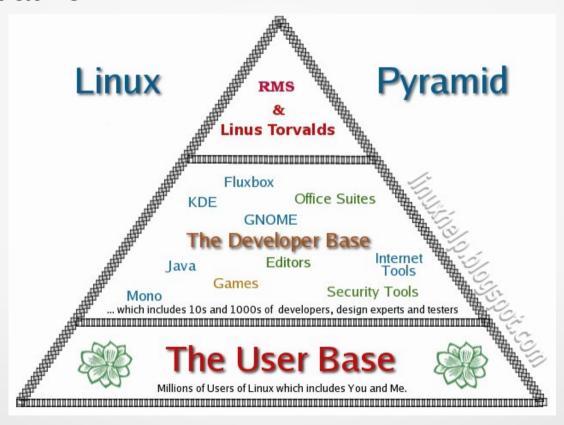

LINUS TORVALD

- And , this kernel was known as LINUX .

So, **GNU toolchains + kernel == GNU/linux**

- **What are various Distros??**

- A Linux distribution (often abbreviated as distro) is an operating system made from a software collection, which is based upon the Linux kernel and, often, a package management system. Linux users usually obtain their operating system by downloading one of the Linux distributions, which are available for a wide variety of systems ranging from embedded devices (for example, OpenWrt) and personal computers (for example, Linux Mint) to powerful supercomputers (for example, Rocks Cluster Distribution).

- After 1997, a programming model other than the GPLed model emerged which is now popularly known as the Open Source Initiative.

The LINUX pyramid

So, the question is ………….

- Why should I learn free & open source software, GNU/LINUX??

- How and where to look for help??

Why should I learn free and open source software??

- For your good and better knowledge about how things and technology work.

- Exploring things .

- Stand apart from MOB .

- Be a part of something more than just I .

- **ALL OF THE BIGGEST TECH COMPANIES USE LINUX IN THEIR WORK ENVIRONMENT.**

- Linux OS is the most suitable OS for network testing and hacking purpose.

- Better paid job?

How and where to look for help??

- The linux Documentation project .(**tldp.org**)
- Distribution /Software specific website .
- GROUPS , like ILUG-D , Py-Delhi, etc.

But am not a coder

- You can still help and be a part of the community
- Localization
- Documentation
- Artwork
- Bug Reporting
- Mentoring

ANY QUESTIONS?????

FOR ANY QUERY , FEEL FREE TO DISTURB ME :-
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