

Linux Demystified!

Presented By:

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Some arm exercises..



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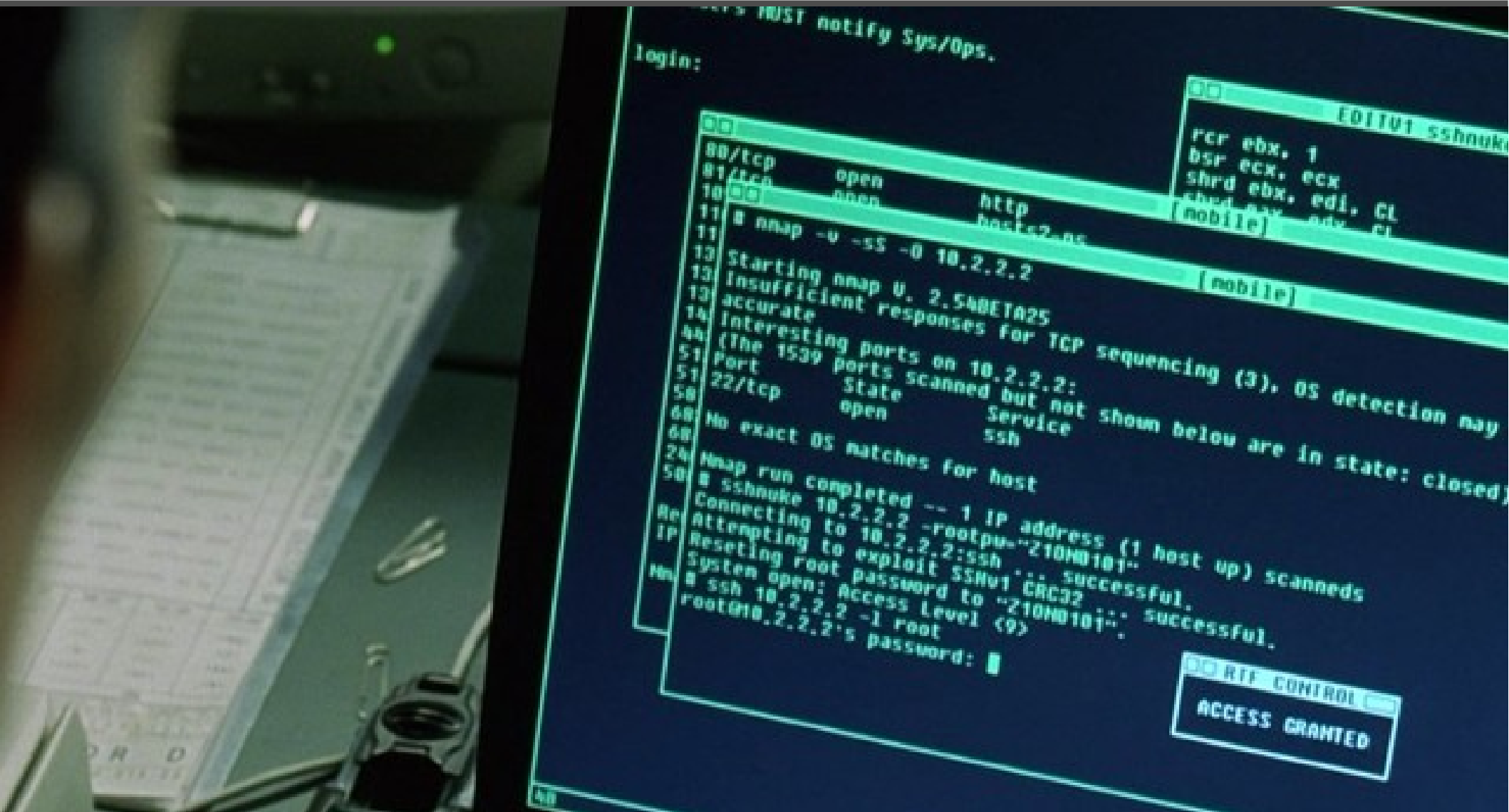
Some Trivia



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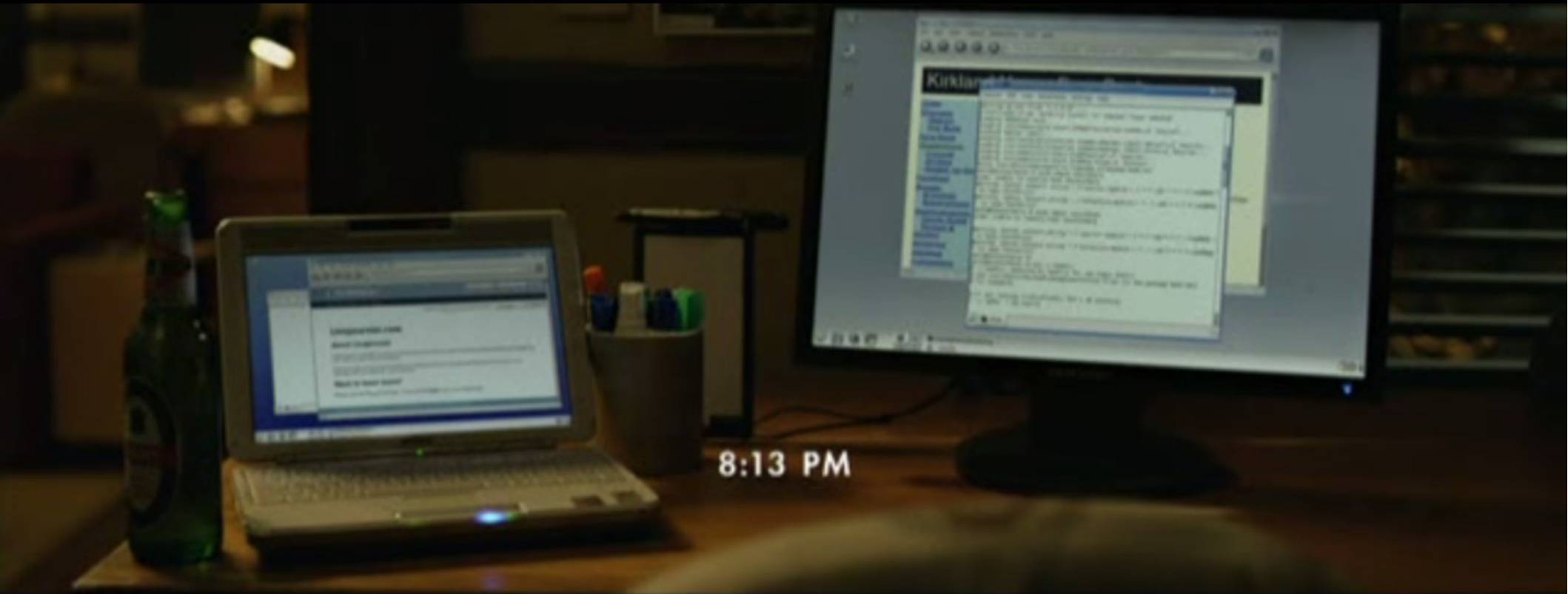
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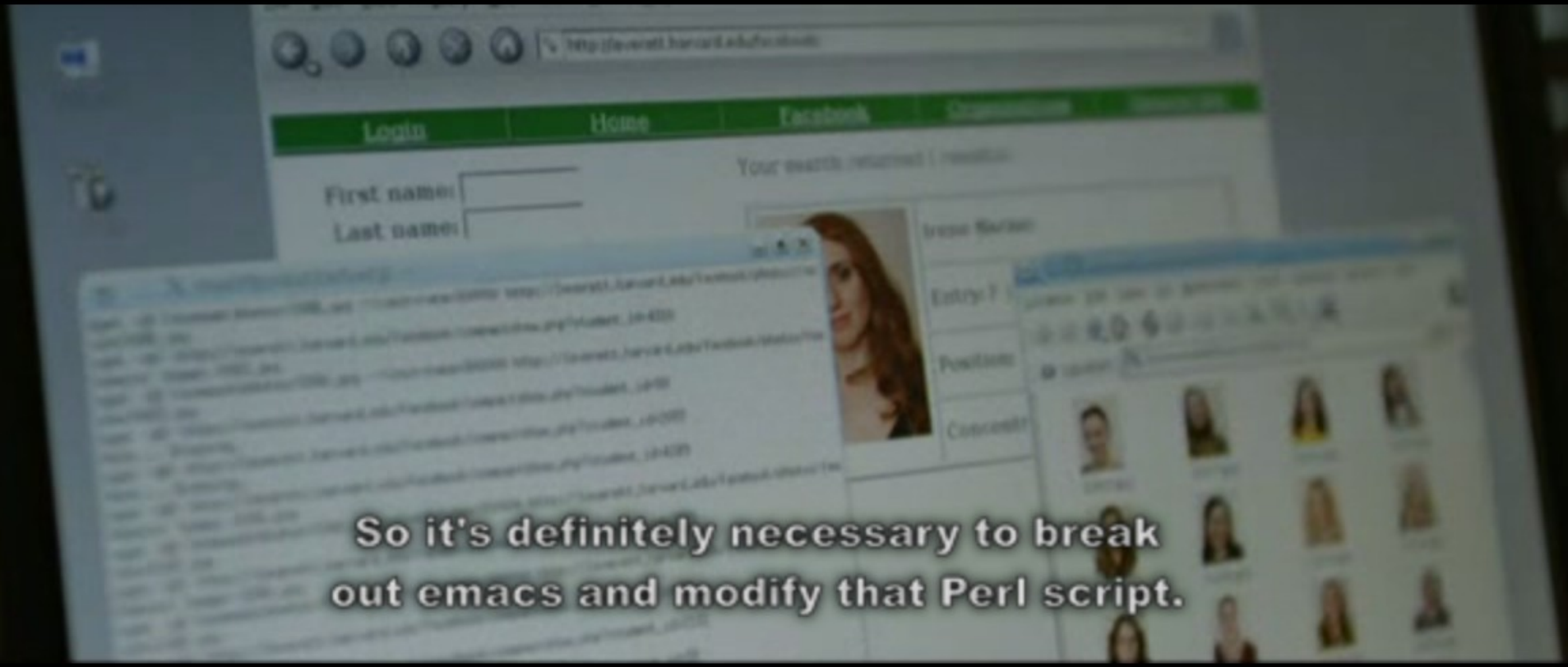




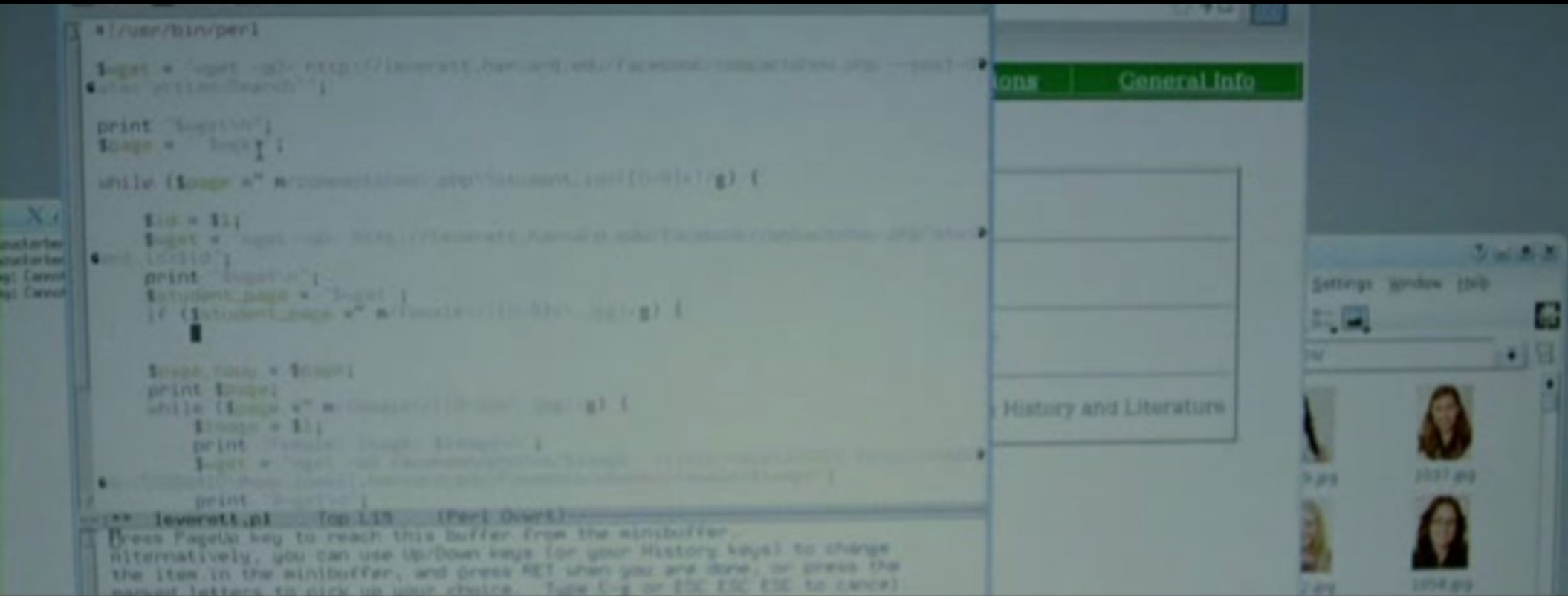








So it's definitely necessary to break out emacs and modify that Perl script.



Windows

A fatal exception 0E has occurred at 0028:C0011E36 in UXD UMM(01) + 00010E36. The current application will be terminated.

- * Press any key to terminate the current application.
- * Press CTRL+ALT+DEL again to restart your computer. You will lose any unsaved information in all applications.

Press any key to continue _



So what is Linux?



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Linux is a kernel

Unix clone for PCs

GNU / Linux

GNU = GNU's Not Unix

Linux is FOSS

Linux Distros



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Lots of distros



Distros = Distributions

Distros = Linux + Applications

Linux Philosophies



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Small is beautiful

**Make each program do one
thing well**

Portability over efficiency

Store data in flat text files

Avoid captive user interfaces

Make every program a filter

Less is more

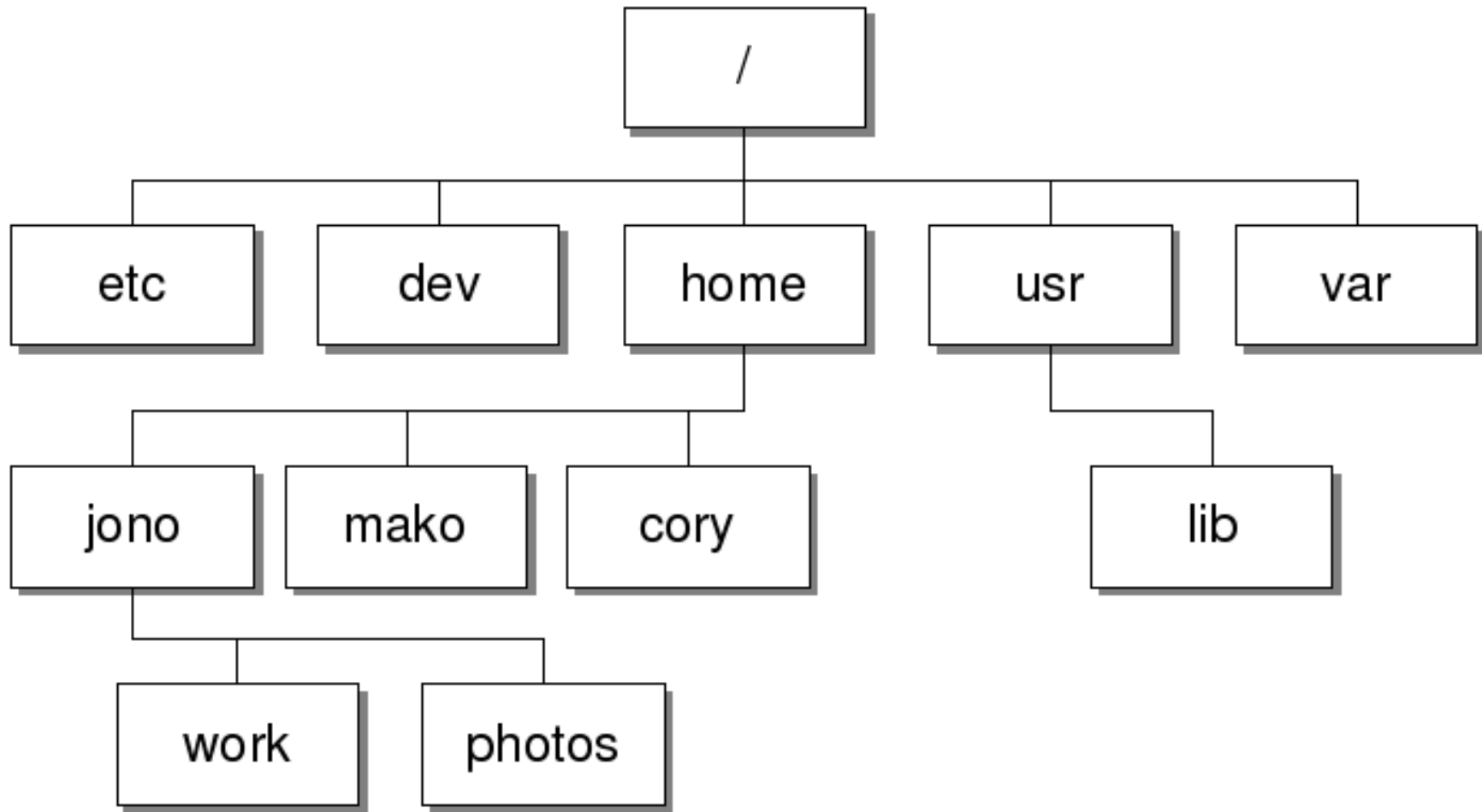
Everything is a file

Linux Fundamentals



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Programs

```
look gawk find sed talk grep  
touch finger find flex unzip  
head tail mount workbone fsck  
more eject umount makeclean zip  
split done
```

GUI Apps



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Welcome to OpenOffice.org

Create a new document



Text Document



Spreadsheet



Presentation



Drawing



Database



Templates...

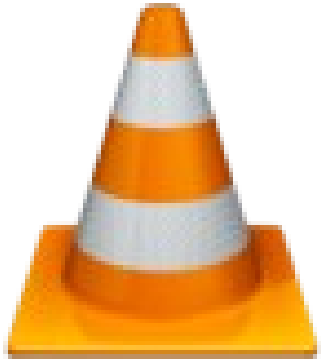


Open a document...





Mozilla Firefox



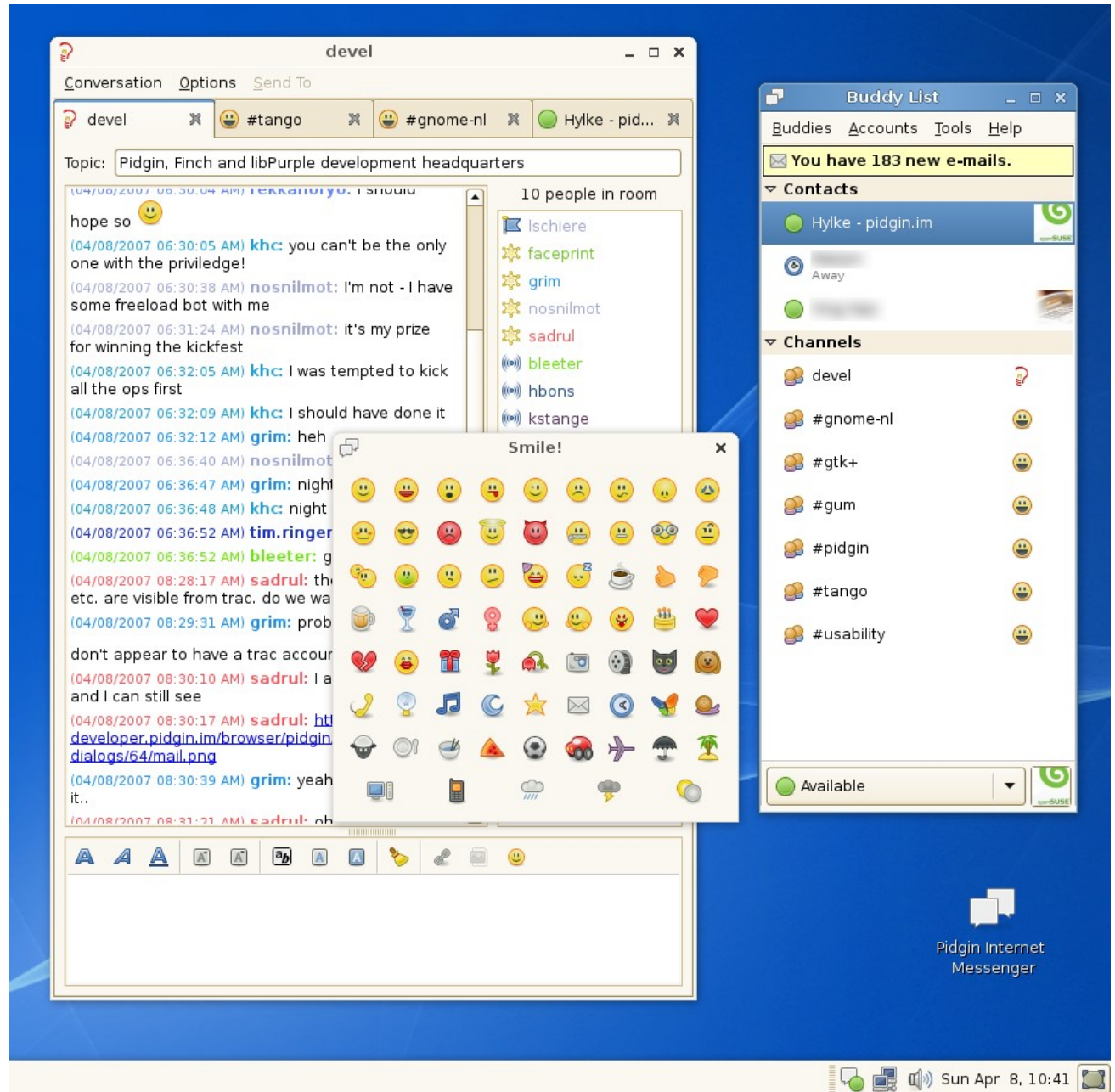
VLC Media Player



GIMP & Inkscape



<<Free and Open Source Softwares>>



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Linux Shell



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Shell (or, Terminal)

Coollest thing ever!

Resize all photos in a folder

```
for i in *.jpg; do convert -resize 50% $i  
resized/$i; done
```

Download an entire website

```
wget --random-wait -r -p -e robots=off -U  
mozilla http://www.example.com
```

Shutdown a windows machine remotely

```
net rpc shutdown -I ipAddressOfWindowsPC -U  
username%password
```

Stopwatch

time read

How to get?



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Linux is everywhere nowadays



<<How to get>>



**For PC,
Download Ubuntu, ubuntu.com
Fedora, fedoraproject.org**

Book (in Pulchowk Campus Library)

The Unix Programming Environment
Brian W. Kernighan and Rob Pike

So why Linux?



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Promoting FOSS

Better Tools

Control & Customization

Being COOL!



What are your queries related to this session?

For further information please contact :

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