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# OPEN YOUR WINDOWS

*let the fresh winds enter*

Prof. Dr. Victor van Reijswoud  
Chairman EACOSS  
Uganda Martyrs University  
[victor@eacoss.org](mailto:victor@eacoss.org) / [victor@umu.ac.ug](mailto:victor@umu.ac.ug)

# In the beginning

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Computers and software are one

Standardization of hardware enables standard software

Software is shared among academics

Commercial software companies emerge and software becomes proprietary

A new paradigm emerges:

From sharing to selling

From borrowing to stealing

# Get the terms right

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## Open Source Software

software from which the source code, that means, the work of the programmer can be seen and when someone wants, modify it

## Free software

software that can be distributed and shared freely among friends and use throughout the organization

# The Key players

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**Richard Stallman – founding father of the free software movement**

**Bruce Perens – creator of the General Public Licence**

**Linux Torvalds – creator of Linux and keeper of the Linux innovations**

# Key software

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Linux – operating system

Apache – webserver

Open Office – productivity suite

Mozilla – web browser

GIMP – graphical image manipulation

NVU – web editor

DIA – designing networks and information flow

Moodle – learning management system

Mambo – content management system

etc

## Books for the Department of Computer Science and Information Systems

1. Flickenger, R., Building Wireless Networks, O'Reilly, ISBN 0596-00204-1
2. Welling, L., Thomson, L., PHP and Web Development. Developers Library. ISBN 0-672-32525-x (**4 copies**)
3. Siegel, D., Creating Killer Web Sites. Hayden Books, ISBN 1-56830-433-1
4. Hughes, S., Zmievski, A., PHP Developers Cookbook. Developers Library. ISBN 0-672-32325-7
5. DuBois, P., MySQL: the definitive guide using, programming, and administering MySQL. ISBN 0-7357-1212-3 (**4 copies**)
6. Douglas, K., Douglas, S., PostgreSQL: the comprehensive guide to building, programming, and administering PostgreSQL databases.
7. Goldfarb, C., Prescod, P., The XML Handbook. Prentice Hall. ISBN 0-13-055068-x
8. Kurose, J.F., Ross, K.W., Computer Networking: A top-down approach featuring the internet. Addison Wesley. ISBN 0-201-97699-4 (**5 copies**)
9. Castro, E., HTML for the Word Wide Web. Peachpit Press. ISBN 0-321-13007-3 (**3 copies**)
- 10.



	A	B	C	D	E	F	G	H	I	J	K
27		Initial year undiffenrentiaed		300,000.00							
28		Dissertation for Mphil		250,000.00							
29		Subsequent year Mphil		100,000.00							
30		Mphil Others									
31		Application fee		50,000.00	\$30.00						
32		Initial year undiffenrentiaed		1,000,000.00	\$600.00						
33		Dissertation for Mphil		500,000.00	\$300.00						
34		Subsequent year Mphil		1,000,000.00	\$600.00						
35		Re - submission proposal		100,000.00	\$60.00						
36		Submission deadline extension		500,000.00	\$300.00						
37		PHD STAFF									
38		Application fee									
39		Initial undifferentiated		250,000.00							
40		Subsequent years		200,000.00							
41		Thesis Fees		250,000.00							
42											
43		PHD OTHERS									
44		Application fee		50,000.00	\$30.00						
45		Initial year undifferntiated		1,000,000.00	\$600.00						
46		Subsequent year PhD		1,500,000.00	\$900.00						
47		Thesis fee for PhD		1,000,000.00	\$600.00						
48		Re submission proposal		100,000.00	\$60.00						
49		Submission deadline extensions		500,000.00	\$300.00						
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51		Post graduates Non Ugandan									
52		Ma Full Time		\$3,434.00							
53		Ma Part Time		\$0.00							
54		MBA Full time		\$3,434.00							
55		MBA Part Time		\$0.00							
56		MSC		\$3,434.00							
57		Advance Diploma HSM		\$1,897.65							
58		PHD									
59											
60		Distance learning									
61		Certificate									
62		DAEM		252,000.00							
63		DDS		1,095,000.00							

Mac OS X Personal Web Sharing [file:/.../index.html] -

New Open Save Publish Browse Anchor Link Image Table Form Spell Print NVU

Body Text Variable Width (no class)

Mac OS X Personal Web Sharing

259px 25px 212px

504 px

# X

## Your website here.

You can use Mac OS X Personal Web Sharing to publish web pages or share files on the Internet — or on your company's or school's local area network — from a folder on your hard disk.

You can display your documents on the Internet — or restrict access to a chosen few within a local area network. Mac OS X Personal Web Sharing makes it a snap.

Here's how it works: Create your website by changing this page (it's called "index.html" and it's in the Sites folder in your home folder) and creating any other HTML pages you want.

Once you're online, turn on Personal Web Sharing, then send your web address to other people.

That's it. You're done — your page is ready for viewing.

Normal HTML Tags <HTML>Source Preview

<body> <center> <table> <tbody> <tr> <td>



# Combining Proprietary and Open Software

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## Three scenarios

1. total proprietary

costs \$\$\$

2. mixed

costs \$\$

3. total OSS

costs \$

## Other factors to consider:

staff qualifications, maintenance, hardware specs,  
portability

# Case Study – the free breeze coming in

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OSS was introduced when setting up the mail system – neomail

Servers were gradually migrated

June 2003 – senate decides to bring OSS to the desktops

Linux (SusE), Open Office, Mozilla....

migration team changed the student computers

new computers get OSS automatically

Migrated about 60% desktop, 90% servers

# Experiences – Migration UMU

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Selection of software alternatives

Knoppix, SuSE

Technical difficulties

hardware and software

Resistance

students and staff

Success/Failure?

The Way Forward

# EACOSS

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East African Center for Open Source Software  
Started September 2004 to share the knowledge  
gained from the UMU migration

Goal to promote the use of Free and Open  
Source Software (OSS) by all organizations

Services:

training

certification

advocacy

consultancy

# Partners EACOSS

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## Founding partners

- Uganda Martyrs University
- Linux Solutions

## Participating partners

- IICD (International Institute for Communication and Development) – Netherlands
- Radboud University – Netherlands
- Ordina – Netherlands

# The OSS Weekend

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Initiative of UICT and EACOSS

Demystify OSS

it is not different

it is not difficult

Create Trust

it works

we can do it

Open your windows and let the fresh wind enter!!

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questions?

