

# **The Linux Primer**

**Open Source *is not* Linux,  
*but...Linux is* Open Source**

**Linux *is not* an Operating  
System...it's a KERNEL!**

**Repeat after me: GNU/Linux,  
GNU/Linux, GNU/Linux, . . .**

**'Linux' pronounced LIN-u<sup>cks</sup>**

**'Linus' pronounced LEE-nus**

**Free as in *Freedom*, not as in  
*free beer* - RMS**

**Linux *is not* FreeBSD,  
NetBSD, OpenBSD, MAC OS X**

**The GNU GPL *is not* the only  
Open Source License**

**Linux is a part of a 'distro':**

- 1. Ubuntu**
- 2. Mandriva**
- 3. Mepis**
- 4. Fedora**
- 5. Novell/SuSE**
- 6. Debian**
- 7. Knoppix**
- 8. Gentoo**
- 9. Slackware**
- 19. Red Hat**

# Open Source Options

Browser	Firefox
Mail Client	Thunderbird
Office Suite	Open Office
GNU/Linux Distros	Red Hat (Centos,) Novell/SuSe, Mandriva, Debian: Xandros, Linspire, Ubuntu
Live CD+	Knoppix, Mepis
File Serving	SAMBA
Mail Servers	Postfix/Dovecot
Database Servers	MySQL PostgreSQL Sleepycat
Web Host	Apache
Languages	PHP, Perl, Python, etc., etc.

Anti-Virus	Clam-AV
Anti-Spam	Spam Assassin
Content Management	Mambo, Plone, PostNuke
Blogs	Drupal
Security	NMAP, Snort, Bleeding Snort, Ethereal, etc., etc.
Proxy	Squid
Content Filter	Dans Guardian
Firewall	Netfilter (iptables)
Monitoring	Nagios
Remote Access	OpenSSH, RDesktop
Clustering	Beowulf
Reporting	ReportLAB
Mapping/GIS	MapServer
IP Telephony	Asterisk, Pingtel
Instant Messaging	Jabber

**Open Source is...**

**Cool**

**Fun**

**Engaging**

**Inspiring**

**Empowering**

**(Windows isn't)**

# **Why is there Open Source?**

**Ego  
Charity  
Jobs  
Money**

**to sell T-Shirts!**