



Using Open Source Applications and Operating Systems

August 13, 2008

Michael Williams - Haywood County

Dr. Christopher Withrow - Warren County

Peggy Douglas - Chatham County

John Warf - Chatham County

What is Open Source ?

- Is there a good definition for Open Source software?
- Free software that users can take and make their own
- Modify it or use it the way it is
- Both applications and operating systems are available as Open Source



What are some of the other districts doing for open source applications?



Word Press

- <http://www.wordpress.org>
- <http://mu.wordpress.org>
- Online web publishing
- Password protection
- Quick and easy install



Moodle

- <http://www.moodle.org>
- Are you moodling?
- Create your own virtual classes
- Online surveys
- Online test and automatic grading



MediaWiki

- <http://www.mediawiki.org>
- Online web publishing
- Password protected or wide open
- Highly searchable
- What's it good for?
- What server do I put it on?



Simple Machines Forum

- <http://www.simplemachines.org>
- Got a question why not ask it
- Is it useful? How?
- Easy notification and tie in with LDAP



FreeNAS

- <http://www.freenas.org>
- Out of server space?
- Got an old box to put drives in?
- Works with NFS, AFP, SMB, SSH, SCP
- SoftRAID or Hardware RAID support
- How is it beneficial?



Syslogs

- Why syslog?
- What can I log?
- Where to store the file?
- Event notifications



Smokeping

- <http://oss.oetiker.ch/smokeping/>
- Need to know how long it takes to get from here to there?
- Got some slowness and its not your network?
- Track it down with a smokeping
- How's it work? What's latency?



Terminal Server / Thin Clients

- What's it take?
- Does my computer meet specs?
- What's the network traffic like?
- What's a pxe boot?



Linux Desktop and Servers

- What are the best OS for the student desktop?
- Fedora / RedHat / Ubuntu
- How can I benefit with this over XP?



VNCed

- <http://vnced.sourceforge.net>
- Ready to monitor those computer screens
- Can't afford to purchase software for labs
- Need to monitor the computer screens or lock the computer keyboards and mice



Zero Shell

- <http://www.zeroshell.net/eng/>
- Multiuse network services server
- VPN, QoS, HTTP Proxy
- Unix, AD, LDAP Intergration



Free Office Suites

- Open Office
- <http://www.openoffice.org>
- Oxygen Office
- <http://oop.wiki.sourceforge.net/>



Useful Website of Open Source Info

- Wikipedia List of Sites
- http://en.wikipedia.org/wiki/List_of_open_source_software_packages
- K12 Linux
- <http://www.k12linux.org>



Q & A

