

# Open Source in the Public School System

Kory Prince  
Rob Hayes



# What We Are Using

- Moodle
- OpenVPN
- ClipBucket
- Piwik
- Wordpress Mu
- Ubuntu (GNU/Linux) Servers
- LibreOffice



# Moodle

- <http://moodle.org/>
- Quick Installation
- Easy Authentication
- Modular Framework
- Widespread Use
- Internal Backup



# OpenVPN

- <http://openvpn.net/>
- Difficult Configuration
- Once it works, it works well
- GUI Client for Windows, OS X, and Linux
- Fast, simple, and lightweight
- Run in Bridged Mode on Dedicated Subnet
- Best VPN we've seen



# Clipbucket

- <http://clip-bucket.com/>
- Lack of documentation
- Difficult to set up
- Works well as a hosted "YouTube"



# Piwik

- <http://piwik.org/>
- Easy to set up
- See extensive stats about your websites
- "Self-Hosted Google Analytics"





# Wordpress Mu

- <http://mu.wordpress.org/>
- Complete blog ecosystem
- Advanced web interface
- Rich set of plugins
- Large Community
- Enterprise solution



# Ubuntu Servers

- <http://ubuntu.com/>
- Easy to administer and update
- Enterprise support available
- Wealth of online knowledge
- Large Online Community
- Easy to install Software
- <https://help.ubuntu.com/10.10/serverguide/C/index.html>





# LibreOffice

- <http://www.libreoffice.org/>
- Microsoft Office Replacement
- The new OpenOffice.org
- Runs on almost all Oses
- Opens almost anything
- Edit PDFS (With Plugin)



# Some Others

- CMS – Joomla/Drupal
- Wiki Software – MediaWiki
- Ghost Alternative – Clonezilla
- Thin Clients – LTSP
- <http://www.osalt.com/>



# Pros and Cons

- Cost Effective
- Enterprise Software
- Community Support
- Sense of Community
- Collaboration
- Takes extra manhours
- Not Enterprise Software
- Lack of Support
- Lack of Documentation



# Share What You Have

Software  
Configurations  
How-tos  
Anything...



# IPCheck

- <https://github.com/korylprince/IPCheck>
- Easy to install and configure
- Multiple ways to authenticate
- Checks Service on Port and Pings
- You can change it how you want it



# OpenVPN Web GUI

- <https://github.com/korylprince/OpenVPNWebGUI>
- Takes the command line side away
- Let's users to create certificates and install themselves
- Admin Interface
- Configurable Authentication





<http://korylprince.github.com/>  
[korylprince@gmail.com](mailto:korylprince@gmail.com)



Questions, Thoughts, Discussion

