

What the User Expects and How to Get There: The Web, Mail, Filtering & More

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Cindy Murdock
Crawford County Federated Library System/Meadville Public Library
<http://ccfls.org> | <http://meadvillelibrary.org>
cmurdock@ccfls.org

Open Source Software for Windows:

- OpenDisc: <http://theopendisc.com> (a collection of OSS software for Windows)
- Firefox: <http://getfirefox.com> (web browser)
- OpenOffice.org: <http://www.openoffice.org> (office suite)
- Thunderbird: <http://www.mozilla.com/thunderbird/> (email client)
- The GIMP: <http://www.gimp.org/windows> (graphics & photo editing)

Linux on the Desktop:

- Ubuntu: <http://www.ubuntu.com> (a popular Linux distribution)
- CrossOver: <http://codeweavers.com> (Windows emulation software that lets you run some Windows applications)

Public Computing:

- LTSP (Linux Terminal Server Project): <http://ltsp.org> (thin client software)
- LibKi: <http://kylehall.info/index.php/projects/libki-kiosk-system/> (public computer management software)

Internet Filtering:

- Squid: <http://www.squid-cache.org> (caching proxy used with squidGuard & DansGuardian)
- squidGuard: <http://www.squidguard.org> (URL-based redirection/filtering)
- DansGuardian: <http://dansguardian.org> (content-based filtering, including phrase matching, PICS filtering and URL filtering)

Web & Mail Servers:

- Apache: <http://apache.org> (the most popular http server on the web)
- Qmail: <http://qmail.org> (mail server) Also see <http://www.lifewithqmail.org>
- WordPress: <http://wordpress.org> (blogging software) We use this for most of our public websites
- SpamAssassin: <http://spamassassin.apache.org> (mail filter)

Web-based Project Management, Documentation, & Other Infrastructure for Library Staff:

- **Dokuwiki:** <http://www.splitbrain.org/projects/dokuwiki> (Wiki software) We use this for help pages for the public as well as staff documents, such as policies & procedures documentation and training materials
- **Mantis:** <http://www.mantisbt.org> (bug tracker) We use this to track tasks related to our migration to Koha
- **Koha:** <http://www.koha.org> (ILS)
- **Koha-tools:** <http://kylehall.info/index.php/projects/koha-tools/> Tools written by our on-staff developer to facilitate our migration to Koha
- **Samba:** <http://samba.org> (file & print server for Linux & Windows)
- **CUPS (Common UNIX Printing System):** <http://www.cups.org> (printing services)
- **Amanda:** <http://www.amanda.org> (back up multiple hosts to tape over a network)
- **Rsync:** <http://samba.anu.edu.au/rsync/> Incremental file transfer tool useful for backing up filesystems or synchronizing servers

Open Source Operating Systems other than Linux:

- **OpenBSD:** <http://openbsd.org> security-minded OS, great for firewalling, routing, and providing fast hardware-based encryption. Also makes a great host system for squidGuard and DansGuardian
- **FreeBSD:** <http://freebsd.org> Another excellent platform for servers