Introduction

- Show of hands, who here has never used Linux?
  - Tell me what you think Linux is?
  - Linux is a kernel. GNU/Linux is userland + kernel = OS

- Show of hands, who has a Linux install on one of their machines? - virtual machines excluded
  - Which distro(s)? Debian-based? Fedora/Redhat-based? ArchLinux? Gentoo? others?
  - BSD is not GNU/Linux

- Show of hands, who only uses Linux?
  - So the rest of you use Windows?
  - OSX? other?

Top 30 FOSS software:

<table>
<thead>
<tr>
<th>Mozilla Firefox</th>
<th>Chromium</th>
<th>Linux kernel</th>
<th>FreeBSD kernel</th>
<th>gcc/g++</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIMP</td>
<td>Inkscape</td>
<td>Blender</td>
<td>LibreOffice</td>
<td>LaTeX</td>
</tr>
<tr>
<td>GRUB</td>
<td>MPlayer</td>
<td>VLC</td>
<td>GParted</td>
<td>CUPS</td>
</tr>
<tr>
<td>GNOME</td>
<td>KDE</td>
<td>coreutils</td>
<td>vim</td>
<td>git</td>
</tr>
<tr>
<td>Apache webserver</td>
<td>MySQL/MariaDB</td>
<td>PHP</td>
<td>JQuery</td>
<td>webkit</td>
</tr>
<tr>
<td>QEMU</td>
<td>openJDK</td>
<td>Eclipse</td>
<td>Python</td>
<td>Perl</td>
</tr>
</tbody>
</table>

On-topic

- Explain the components that make up a GNU/Linux distro
- Pros and cons of common distros
- How to pick one for you - bring I-ODD

Shiny

- ASCII: asciiquarium, cmatrix, sl, mplayer -vo caca/fbdev2, toilet
- ncurses: jb-install, greed, nano, tmux, wavemon,
- DE: compiz, i3
- Photoframe
- video of WMs

Ask “volunteers” to come up to run a command

- CLI editor ctrl-x + e
- screen
- middle click paste
- LaTeX
- sshfs
- forkbomb and magic sysrq
- chroot and systemd-nspawn
- gcc vs ./configure and make
- mkdir -p, tab completion, alt+, {}
- symlinks
- awk (columns), sed (rows; regex)
- terminals: mate-terminal, terminator, tilda, cool retro term, VTs

Other

- GPU drivers
- Games
- commandline-fu
- linuxcsuf OVA images
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