

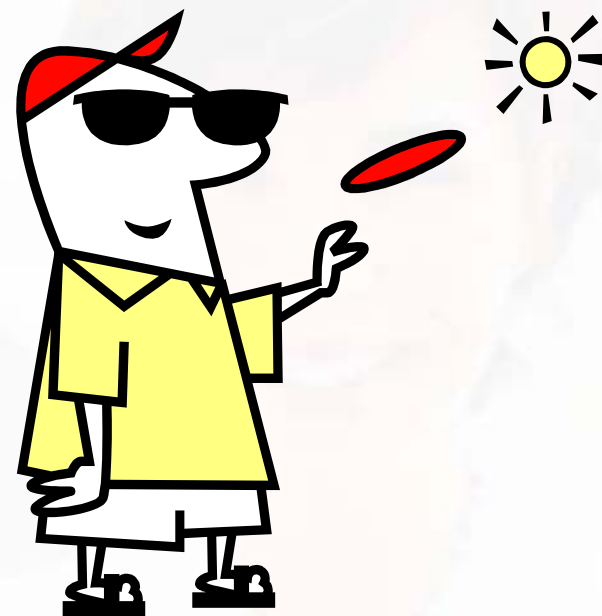
The Poor Man's IT Toolkit: SystemRescueCD



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What is SRCD?

- **Utilities**
 - Computer repair utilities
 - Data recovery utilities
 - Network diagnostics
- **Personal environment**
 - Text or GUI
 - Browser
 - Persistent data



Running SRCD

- CROM
- DVD
- USB
- PXE



CD or DVD

- CD
 - Download image from website
 - Record to media
 - Start from bootable media
- R/W media can be available for writing
 - Start SRCD in cache mode
 - Use for backups



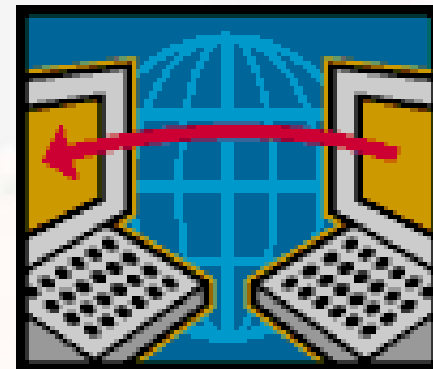
USB

- **Bootable USB**
 - Provides writeable user environment
 - Convenient
 - Requires BIOS changes
 - Can be slow with old USB ports



PXE

- Pre-boot eXecution Environment
- Boot SRCD from network
- Configure and run pxebootsrv
 - Provides dhcp, tftp, and http components
 - Config is stored in /etc/conf.d/pxebootsrv



Disk utilities

- fsarchiver
- mc
- sfdisk
- testdisk
- photorec
- wipe
- dd/ddrescue/dd-rescue
- hdparm/sdparm



File utilities

- cabextract
- archiving
- backups
- diff
- encryption
- magicrescue
- locate/slocate



System tools

- gpartd
- partd
- ntfsprogs
- partimage
- bonnie
- cpuburn
- stress



Network diagnostics

- ping
- httping
- arp / arping
- netselect
- nmap
- netcat
- nslookup
- tcpdump



Misc utilities

- clam
- chkrootkit
- lynx



Other utilities

- <http://www.sysresccd.org/Detailed-packages-list>



Let's get started!

- Exercise handouts
- Explore
- Have fun
- Ask questions
- Prize

