

Text-mode utilities included in Slax

The text-mode offers wide variety of system tools you can use. These tools are of course available in the graphical user interface as well, you just have to run them in terminal window such as `xterm`. Here are some of the tools which you may find most useful:

Archival utilities		
<code>gzip</code> and <code>gunzip</code>		Reduces the size of the named files using Lempel-Ziv coding
<code>bzip2</code> and <code>bunzip2</code>		Compresses files using the Burrows-Wheeler block sorting text compression algorithm
<code>xz</code> and <code>unxz</code>		Compression utility based on the LZMA algorithm ned by Igor Pavlov as part of 7-Zip
<code>zip</code> and <code>unzip</code>		Compression and file packaging utility compatible with PKZIP (Phil Katz's ZIP)
<code>cpio</code> and <code>tar</code>		Programs to manage archives of files
Disk utilities		
<code>fdisk</code>		Partition table manipulator for Linux, which supports only MBR (Master Boot Record) partitions
<code>hdparam</code> <code>sdparam</code>	and	Utility for listing and potentially changing ATA/IDE and SCSI disk parameters
<code>mdadm</code>		Utility program for creating, managing, and monitoring Linux MD (Software RAID) devices
Hardware monitoring tools		
<code>dmidecode</code>		Dumps computer's DMI table contents. This table contains a description of the system's hardware components
<code>smartctl</code>		Controls and monitors storage devices using the Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T.)
Filesystem utilities		
<code>mkfs</code>		Tool to build a Linux or other supported filesystem, such as: ext2/3/4, reiserfs, btrfs, xfs, jfs, ntfs, fat, and more
<code>fck</code>		Utility to check and repair the supported filesystems (see above)
<code>tune2fs</code>		Allows the adjustment of various tunable filesystem parameters on Linux ext2, ext3, or ext4 filesystems
System utilities		
<code>lsuf</code>		Lists information about files that are open by the processes running on the system
<code>htop</code>		process viewer that is similar to the well-known "top" program, but provides much more features

Data recovery tools

<code>ddrescue</code>	Copies data from a file or device to another, trying hard to rescue data in case of read errors
<code>rsync</code>	Remote file sync program

Networking tools

<code>ip</code>	Shows and manipulates routing, devices, policy routing and tunnels
<code>nc</code>	Utility which reads and writes data across network connections, using TCP or UDP protocol
<code>networkctl</code>	Introspect the state of network links
<code>wpa_supplicant</code>	Textmode wifi client

Windows shares support

<code>mount -t cifs</code>	command to mount a windows share so it appears like a local filesystem
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Other tools

<code>ssh</code>	OpenSSH client
<code>service ssh start</code>	OpenSSH server
<code>mc</code>	Midnight commander file manager which includes FTP/SCP client, hex viewer and text editor
<code>apt</code>	Application Packaging Tool to install additional software (for Slax based on Debian)
<code>slackpkg</code>	Application Packaging Tool to install additional software (for Slax based on Slackware)

Slax-specific commands

<code>savechanges</code>	Save all filesystem modifications made during current session into a module file
<code>sb2dir</code>	Convert a .sb module into a directory
<code>dir2sb</code>	Convert a directory into .sb module
<code>rmsbdir</code>	Erase directory created by sb2dir
<code>genslaxiso</code>	Generate Slax iso file with new modules

Applications for desktop in Slax

<code>xterm</code>	Terminal program (command line GUI)
<code>chromium</code>	Internet web browser and video player (runs as guest)
<code>SciTe</code>	Simple text editor

qalculate	Powerfull calculator
scrot	Screenshot capturing program, press PrintScreen button to invoke
feh	Simple image viewer and background setter
connman-gtk	Network manager
pcmanfm	File manager

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