ARCHIVE UTILITIES

* atool: A command-line tool for managing file archives.
* gzip: A compression utility.
* lz4: A fast compression algorithm.
* lzip: A lossless data compressor.
* lzo: A data compression algorithm.
* lzop: A file compressor using the LZO algorithm.
* p7zip: A file archiver with high compression ratios.
* rar: A file archiver utility.
* rzip: A compression tool for large files.
* unzip: A utility to extract files from ZIP archives.
* xz: A compression utility based on the LZMA algorithm.
* zip: A compression and file packaging utility.
* zstd: A fast lossless compression algorithm.

DEVELOPMENT

* + vscode: Visual Studio Code, a code editor and IDE.
  + vscode-extensions.mkhl.direnv: direnv extension for Visual Studio Code.
  + vscode-extensions.brettm12345.nixfmt-vscode: nixfmt extension for Visual Studio Code.
  + Programming Languages and Tools:
    - scala-cli: A Scala command-line tool.
    - python311Full: Python 3.11 with full package set.
    - Julia: A high-level, high-performance programming language for technical computing.
  + Github related
    - gitFull: A distributed version control system.
    - gitlab: A web-based Git repository manager.
    - hut: A command-line GitHub utility.

DISK & USB

* + Disk Utilities
    - brasero: A CD/DVD burning application.
    - gparted: A GNOME partition editor.
    - hw-probe: A tool to probe for hardware, check operability, and find drivers.
    - ntfs3g: A read-write NTFS driver for FUSE.
    - efibootmgr: A tool to manipulate the EFI Boot Manager.
    - lsdvd: A utility for reading and analyzing the contents of DVDs.
    - ncdu: A disk usage analyzer with an ncurses interface.
    - asunder: A graphical CD ripper and encoder.
    - testdisk-qt: A tool to recover lost partitions and make non-booting disks bootable again.
  + USB and Device Utilities
    - isoimagewriter: A tool to write NixOS installation images to USB drives.
    - ventoy-full: A tool to create bootable USB drives for ISO files.
    - usbutils: Tools for working with USB devices.

GRAPHICS

* Picture Editors
  + gimp-with-plugins: The GNU Image Manipulation Program with additional plugins.
  + inkscape
* Picture manger
  + digikam: An advanced digital photo management application.
  + shotwell: A digital photo organizer.
* Scanning and Image Viewing
  + nsxiv: A simple image viewer.
  + sane-backends: Scanner access software.
  + scanbd: A scanner button daemon.
  + sxiv: A simple X image viewer.

INTERNET

* Downloading Videos and Files
  + clipgrab: A video downloader and converter.
  + wget: A command-line utility to retrieve files from the web.
* File Transfer:
  + filezilla: A fast and reliable FTP, FTPS, and SFTP client.
  + libfilezilla: A small and modern C++ library for working with the FileZilla project.
  + rsync: A fast and versatile file copying tool.
  + transmission-gtk: A GTK-based BitTorrent client.
* Messaging and Communication:
  + discord: A voice, video, and text communication platform.
  + whatsapp-for-linux: WhatsApp Web client for Linux.
* Web Browsers:
  + firefox: A popular open-source web browser.
  + google-chrome: Google Chrome web browser.
* Misc:
  + keepassxc: A cross-platform password manager.
  + media-downloader: A utility to download media content from the internet.

**MISCELLANEOUS**

* Apps
  + flatpak: A software utility for software deployment and application virtualization.
  + fortune: A program that displays random quotes.
  + deepin.deepin-calculator: The Deepin Calculator.
  + blueberry: A Bluetooth configuration tool.
  + gum: A GTK user metrics.

MULTIMEDIA

* audacity: A digital audio editor and recording application.
* vlc: A multimedia player and framework.
* youtube-dl: A command-line program to download videos from YouTube and other sites.
* ffmpeg: A multimedia framework to decode, encode, and transcode multimedia files.
* ffmpegthumbnailer: A lightweight video thumbnailer.
* mediainfo: A tool to display technical and tag information about media files.
* mpg123: A fast, free and portable MPEG audio player and decoder.
* mplayer: A media player for Unix-like systems.
* mpv: A free and open-source multimedia player.
* pulseaudioFull: A sound system for POSIX OSes.
* simplescreenrecorder: A feature-rich screen recorder.
* video-trimmer: A tool to trim video clips.

NETWORK

* File Sharing & Network
  + samba4Full: An SMB/CIFS file, print, and login server.
  + cifs-utils: Utilities for mounting and managing CIFS shares.
* Network Utilities
  + doppler: A wireless file transfer tool.
  + ookla-speedtest: A tool to test internet connection speed.
* Remote Access & Deployment
  + heroku: A cloud platform for deploying, managing, and scaling apps.
  + openssh: OpenSSH remote connectivity tools.
  + powershell: A task automation and configuration management framework.
  + sshpass: A tool for non-interactive password authentication with SSH.
  + Teamviewer: A remote control and desktop sharing software.

OFFICE, DATABASE, TEXT EDITORS

* Database related
  + dbeaver: a universal database tool for developers & database admins
  + pgmodeler: A PostgreSQL database modeler
  + Sqlitebrowser: a graphical interface for making SQLite databases
* Office Suite
  + . wpsoffice: WPS Office Suite, a Microsoft Office-compatible office suite
  + libreoffice
  + OnlyOffice
* Test Editors
  + kate: A feature-rich text editor for the KDE desktop environment.
  + libkate: A Kate-like editor for KPart applications.
  + vim: A highly configurable text editor.
  + sublime4: Sublime Text 4, a sophisticated text editor.
  + neovim: A highly configurable text editor.

TERMINAL & SHELL

* Shell Enhancements and Utilities:
  + rPackages.fontawesome: A font and toolkit for icons.
  + fish: A user-friendly command-line shell.
  + zsh: A popular shell with advanced scripting capabilities.
  + zsh-autosuggestions: Fish-like autosuggestions for Zsh.
  + zsh-syntax-highlighting: Fish-like syntax highlighting for Zsh.
* Terminal Utilities
  + bashInteractive: An interactive shell for Bash.
  + cmatrix: A console matrix screensaver.
  + cowsay: A configurable talking cow.
  + delta: A viewer for git and diff output.
  + direnv: A shell extension to manage environment variables.
  + duf: A disk usage utility.
  + fd: A simple, fast, and user-friendly alternative to find.
  + figlet: A program for making large letters out of ordinary text.
  + htop: An interactive process viewer.
  + imagemagick: A software suite for image manipulation.
  + inotify-tools: A set of command-line utilities for inotify.
  + less: A terminal pager program.
  + lf: A terminal file manager.
  + lfs: A line ending converter.
  + lsd: A colorized ls with human-readable details.
  + lolcat: A colorful text formatter for terminal output.
  + neofetch: A command-line system information tool.
  + parallel-full: A shell tool for executing jobs in parallel.
  + pciutils: A set of utilities for inspecting and manipulating PCI devices.
  + pfetch: A system information tool written in POSIX sh.
  + pkgconfig: A system for managing library compile/link flags.
  + pmutils: A collection of power management utilities.
  + psmisc: A collection of process-related utilities.
  + sl: A steam locomotive train animation.
  + stow: A symlink manager.
  + tig: A text-mode interface for Git.
  + tldr: A simplified and community-driven man pages viewer.
  + tree: A recursive directory listing command.
  + gnome.zenity: Display dialog boxes from shell scripts.

**UTILITIES**

* Misc. Utilities
  + bat: A cat clone with syntax highlighting.
  + cliphist: A clipboard history manager.
  + dialog: A utility to create dialog boxes.
  + fx: A command-line tool and terminal JSON viewer.
  + fzf: A command-line fuzzy finder.
  + direnv: A shell extension for managing environment variables.
  + graalvm17-ce: GraalVM Community Edition, a polyglot runtime.
  + mosh: A remote terminal application.
  + nix-direnv: An environment variable manager for Nix.
  + nixfmt: A formatter for Nix code.
  + nixos-option: A tool to search for options in Nixpkgs.
* XDG Utilities
  + xdg-desktop-portal-gtk: A GTK implementation of the xdg-desktop-portal backend.
  + xdg-utils: A set of tools for desktop integration.
  + xdg-launch: A command-line tool to run desktop files.
* File Managers
  + xfce.thunar: A modern file manager for the Xfce desktop environment.
    - Xfce.thunar-volman
    - Xfce.thunar-dropbox-plugin
    - xfce.thunar-archive-plugin
    - xfce.thunar-media-tags-plugin
  + krusader: A twin-panel file manager.

**LIBRARIES and CODECs**

* + libarchive: A library to access, create, and manipulate archive files.
  + libbtbb: A Bluetooth baseband library.
  + libnotify: A library for sending desktop notifications.
  + libsForQt5.kweather: KDE weather library.
  + libsForQt5.kweathercore: KDE weather core library.
  + libdvdcss: A library to decrypt DVDs encrypted with Content Scramble System (CSS).
  + libdvdread: A library for reading DVDs.
  + ocamlPackages.gstreamer: The GStreamer library bindings for Ocaml.
  + libopus: A codec for interactive speech and audio transmission over the internet.
  + libvorbis: A free and open-source audio codec.