



41 Must-Have Free Open Source Applications for 2024

Gabriel Cánepa | Last Updated: July 26, 2024 | Read Time: 16 mins | [Open Source](#), [Top Tools](#) | 124 [Comments](#)

It is time to share a list of the best free and open-source software I found during the year 2023. Some of these programs may not be new in that they weren't released for the first time in 2023, but they are new and have been helpful to me. It is in the spirit of sharing that I'm writing this article hoping you find some of these programs useful as well.

To begin, you may want to search for the program using your distribution's package manager, like so:

The [RHEL-based distribution](#) users can use the [yum](#) or [dnf](#) package manager:

```
# yum search all package  
Or  
# dnf search all package
```

The [Debian-based distribution](#) users can use [apt](#) or [aptitude](#) package manager:

```
# apt search package  
OR  
# aptitude search package
```

OpenSUSE and derivatives can use the [zypper command](#):

```
# zypper search package
```

Arch Linux and derivatives:

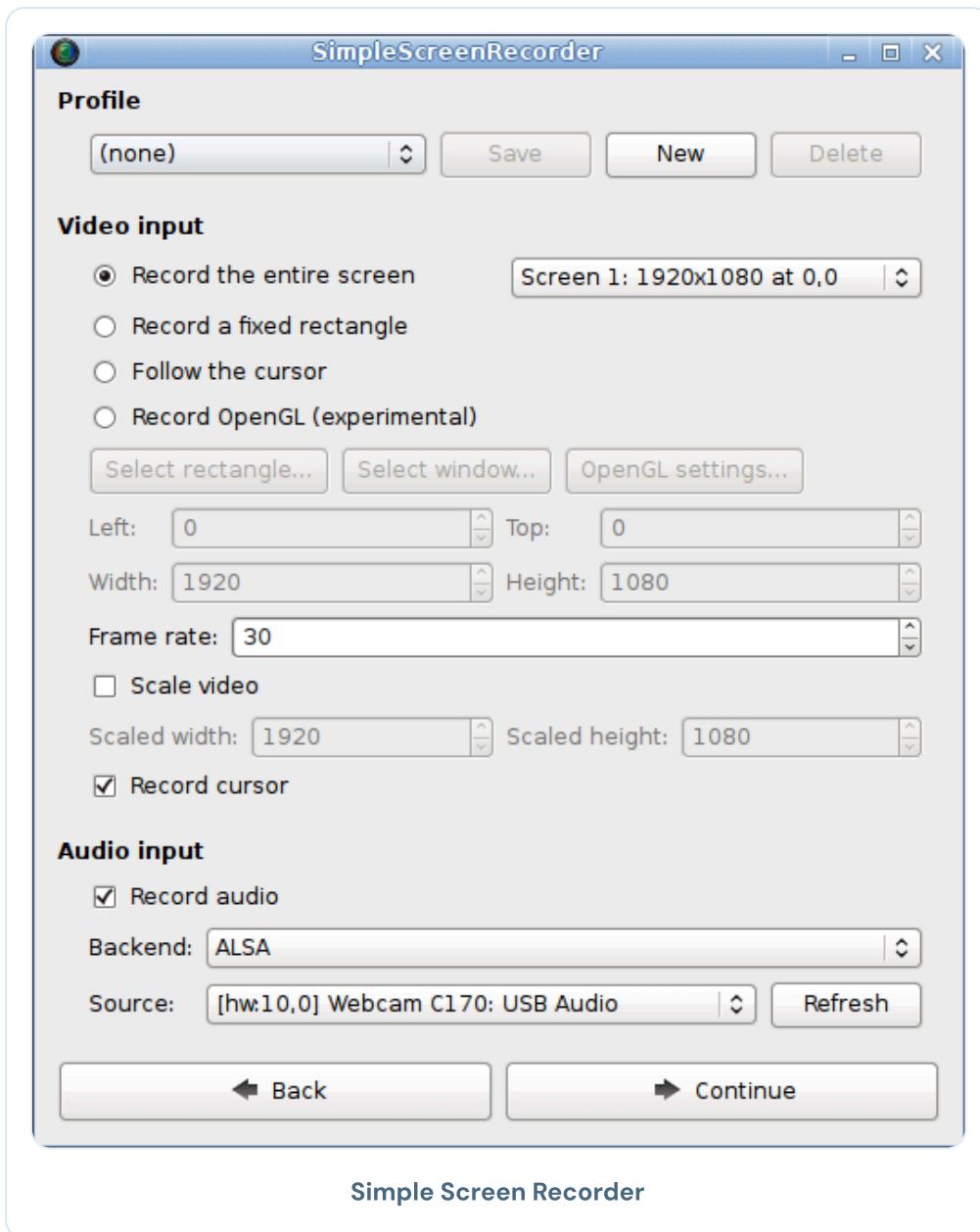
```
# pacman -Ss package
```

If your search returns no results, head over to the website of each tool where you will find the standalone package for download and installation instructions, along with information on dependencies.

1. SimpleScreenRecorder

You can use [Simple Screen Recorder](#) to make audio and video screencasts (entire screen or selected area). It is easy to install and use, but powerful at the same time.

We already covered [Simple Screen Recorder](#) in-depth, so just go through it and learn how to use it to capture and record the screen of your Linux computer.



2. Jaspersoft Studio

[Jaspersoft Studio](#) is a report designer program that allows you to create simple and sophisticated reports as well with charts, tabs, tables (and everything you can expect to see in a world-class report) and export them to a wide variety of formats (with PDF perhaps being the most common).

With Q&A forums and User groups, plus several samples and examples, the community website is a great resource for help to master this versatile program.



Jaspersoft Studio

3. Visual Studio Code

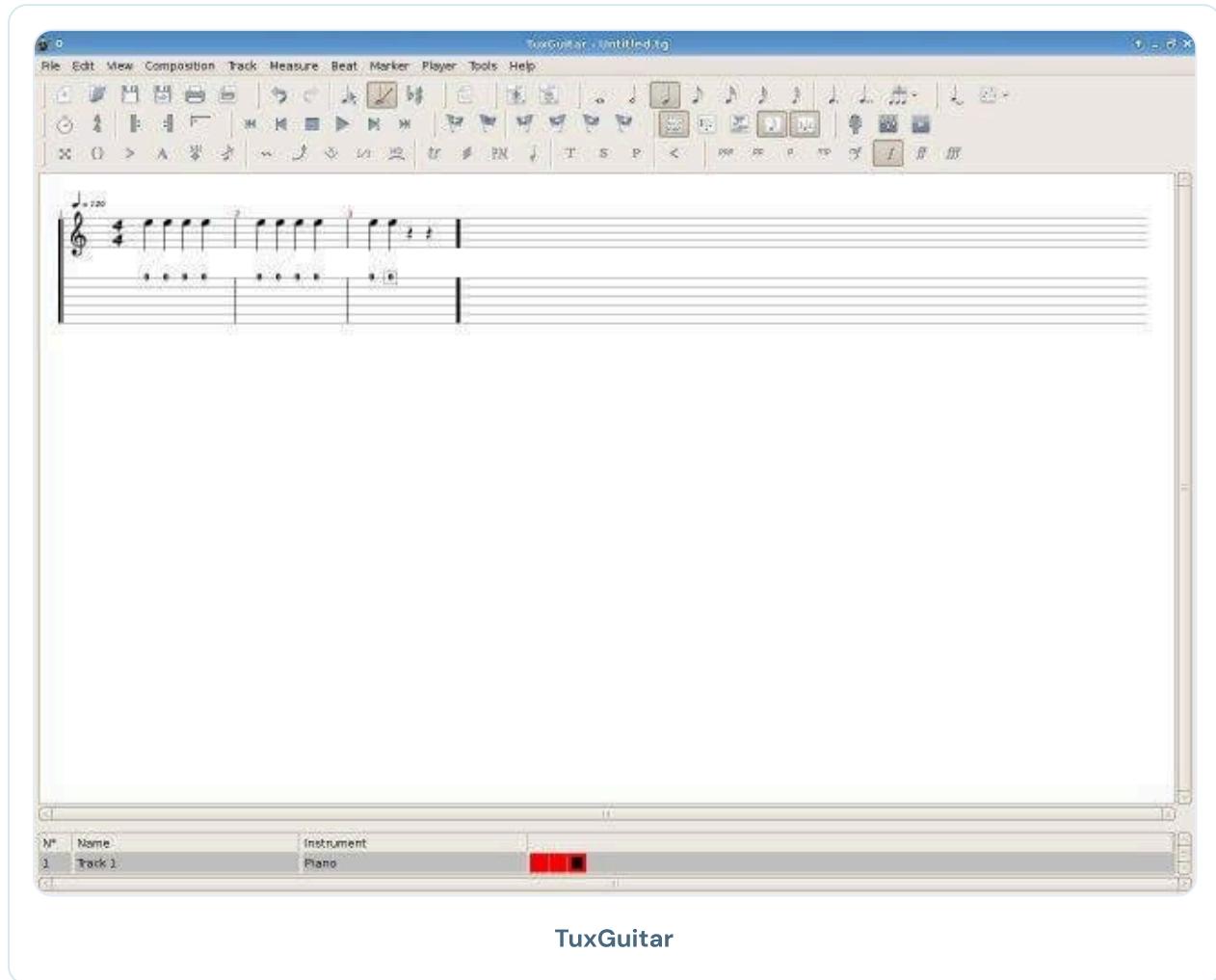
[Visual Studio Code](#) is a free source [code editor](#) developed by Microsoft that has reached a significant level of popularity among web and cloud developers who are also Linux users since it provides a nice programming environment out of the box that supports extensions to add functionality.

The screenshot shows the Visual Studio Code interface with several windows open. The left sidebar shows the "EXPLORER" view with "WORKING FILES" containing files like config.ts, shell.ts, dashboard.ts, logger.ts, spinner.ts, common.ts, common.js, and app.ts. Two code editors are visible: one for "logger.ts" which defines interfaces for loggerFunction and logger, and another for "dashboard.ts" which contains Angular module configuration and controller logic. The bottom status bar indicates the code is in "master" branch, has 38 changes, and is in "TypeScript" mode.

Visual Studio Code

4. TuxGuitar

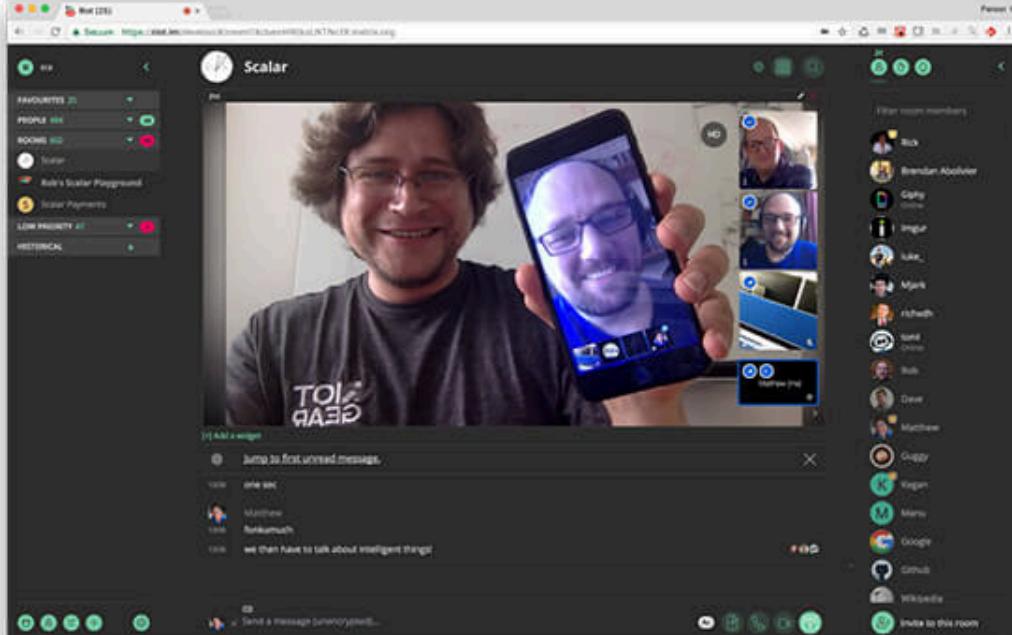
If you're like me and music (especially the guitar) is one of your passions, you'll love this [TuxGuitar](#) program, which will let you edit and play guitar tablatures like a pro.



5. Jitsi

[Jitsi](#) is a free and open-source audio/video conferencing and [instant messaging platform](#) for Windows, Linux, macOS, iOS, and Android.

It provides complete encryption with support for protocols such as SIP, XMPP/Jabber, AIM/ICQ, IRC, Windows Live Messenger, Yahoo!, Google Hangouts extensions, as well as OTR, ZRTP, etc.



Jitsi Video Conferencing

6. GCompris

[GCompris](#) is a cross-platform high-quality complete educational software collection for children aged between 2 to 10, and it comes with more than 140 entertaining activities.

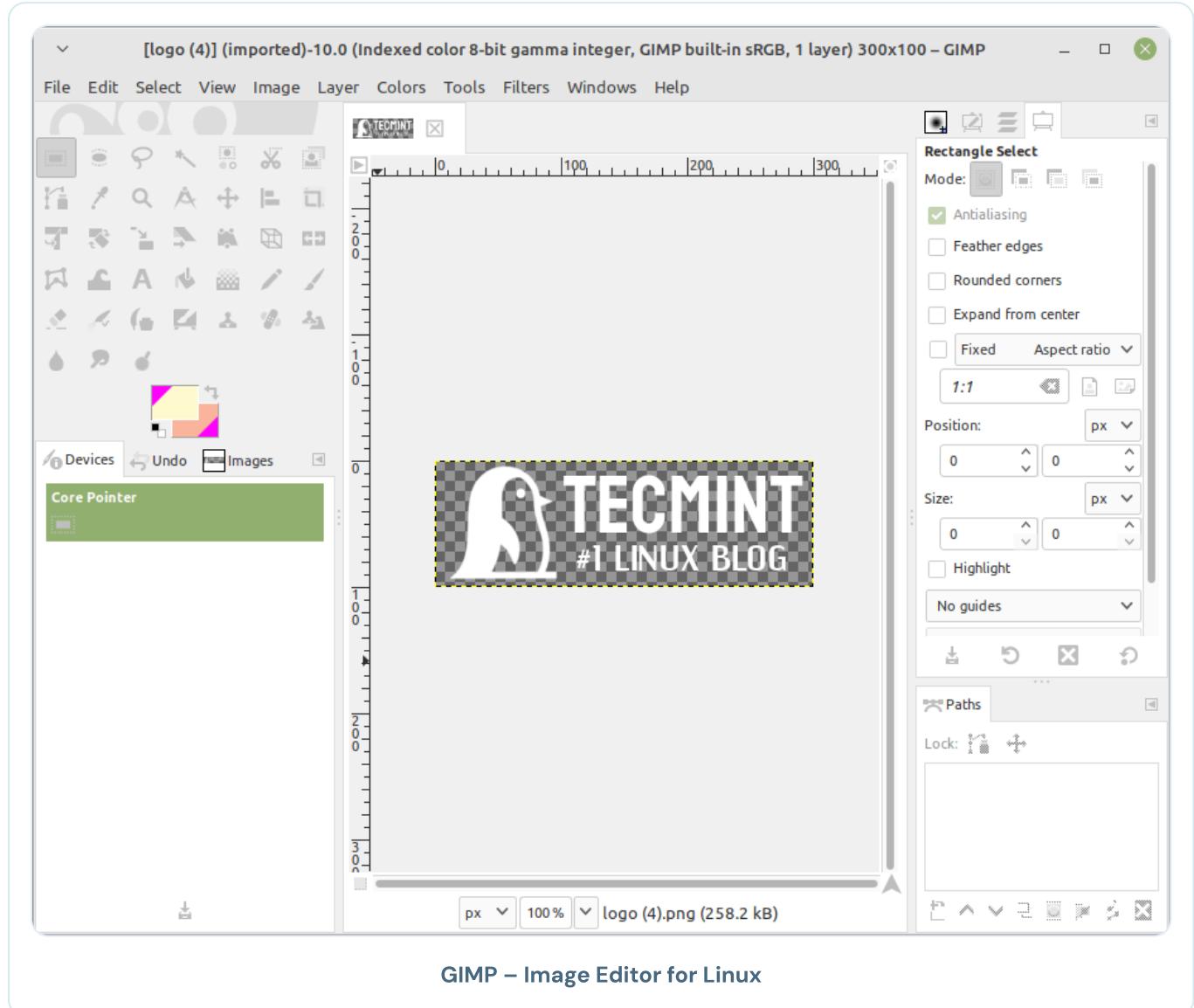
That helps little children learn skills such as the identification of letters and numbers, the use of the mouse and keyboard, primary algebra training, reading time on an analog clock, vector drawing, language learning through games, and much more.



GCompris Kids Educational Software

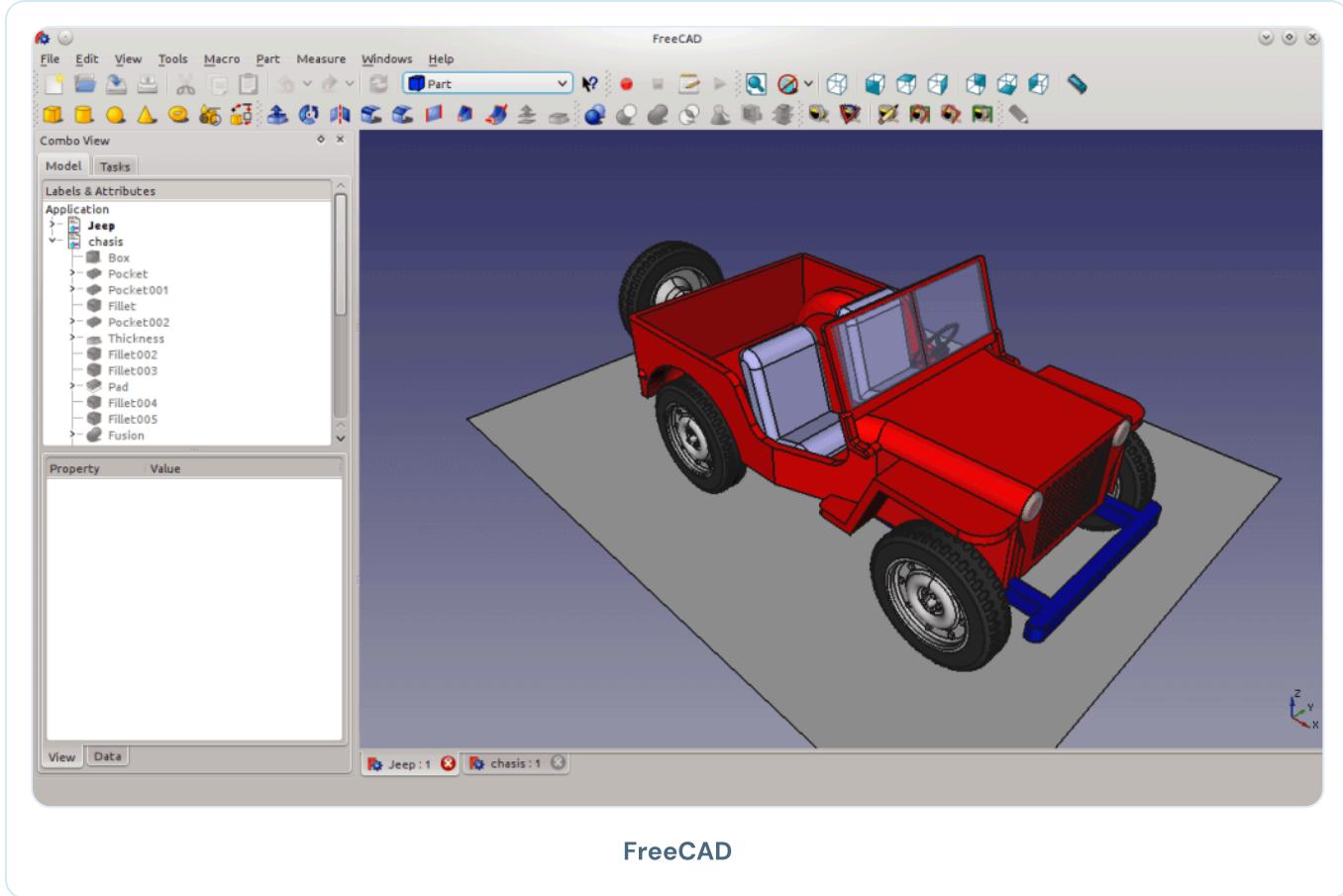
7. GIMP

[GIMP](#) (GNU Image Manipulation Program) is a multi-platform, free, and open-source [photo editing software](#) used for image manipulation and image editing, free-form drawing, transcoding between different image file formats, and more specialized tasks.



8. FreeCAD

[FreeCAD](#) is a general-purpose 3D Computer-Aided Design program fit for use in engineering and architecture. Given the fact that FreeCAD is FOSS, it is easily customizable and extensible through the use of Python scripts.

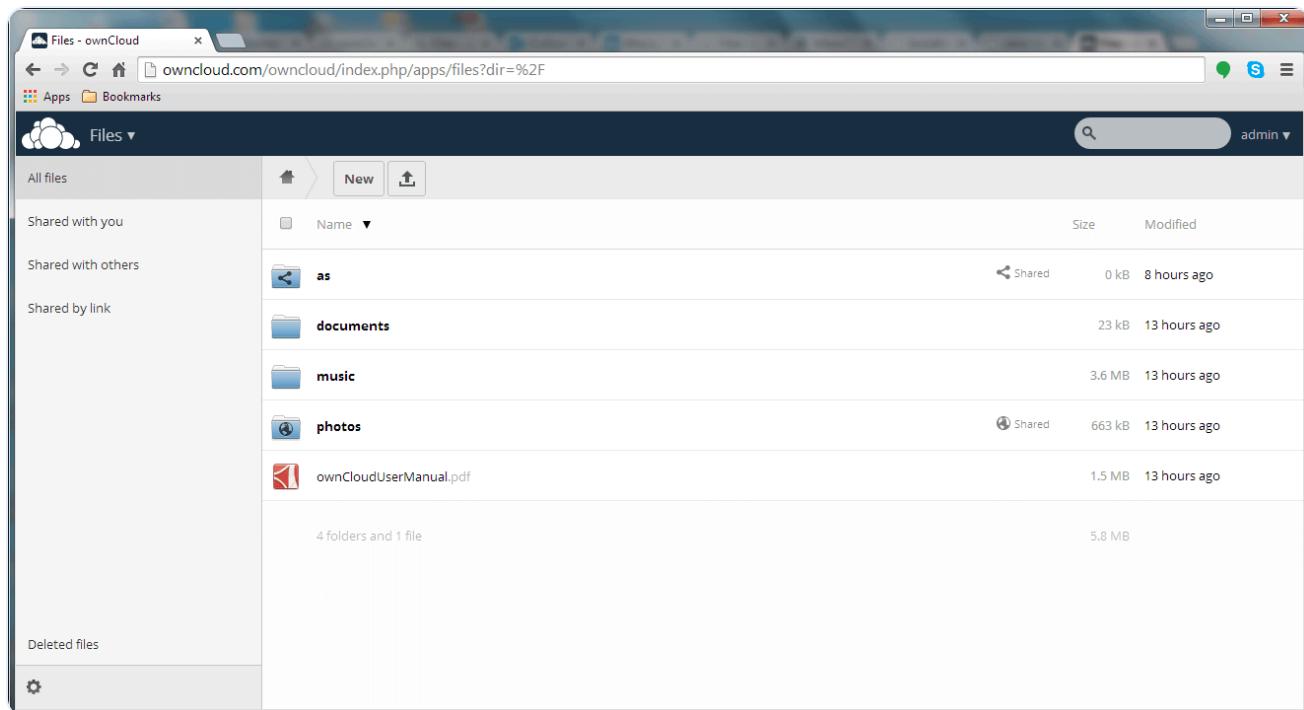


FreeCAD

9. Owncloud

Although not a new kid on the block in any way, I chose to include [OwnCloud](#) in this review due to its importance. As an alternative to commercial [Dropbox](#), security, and privacy are achieved without much hassle and allow you to easily set up customized cloud storage and file-sharing solution.

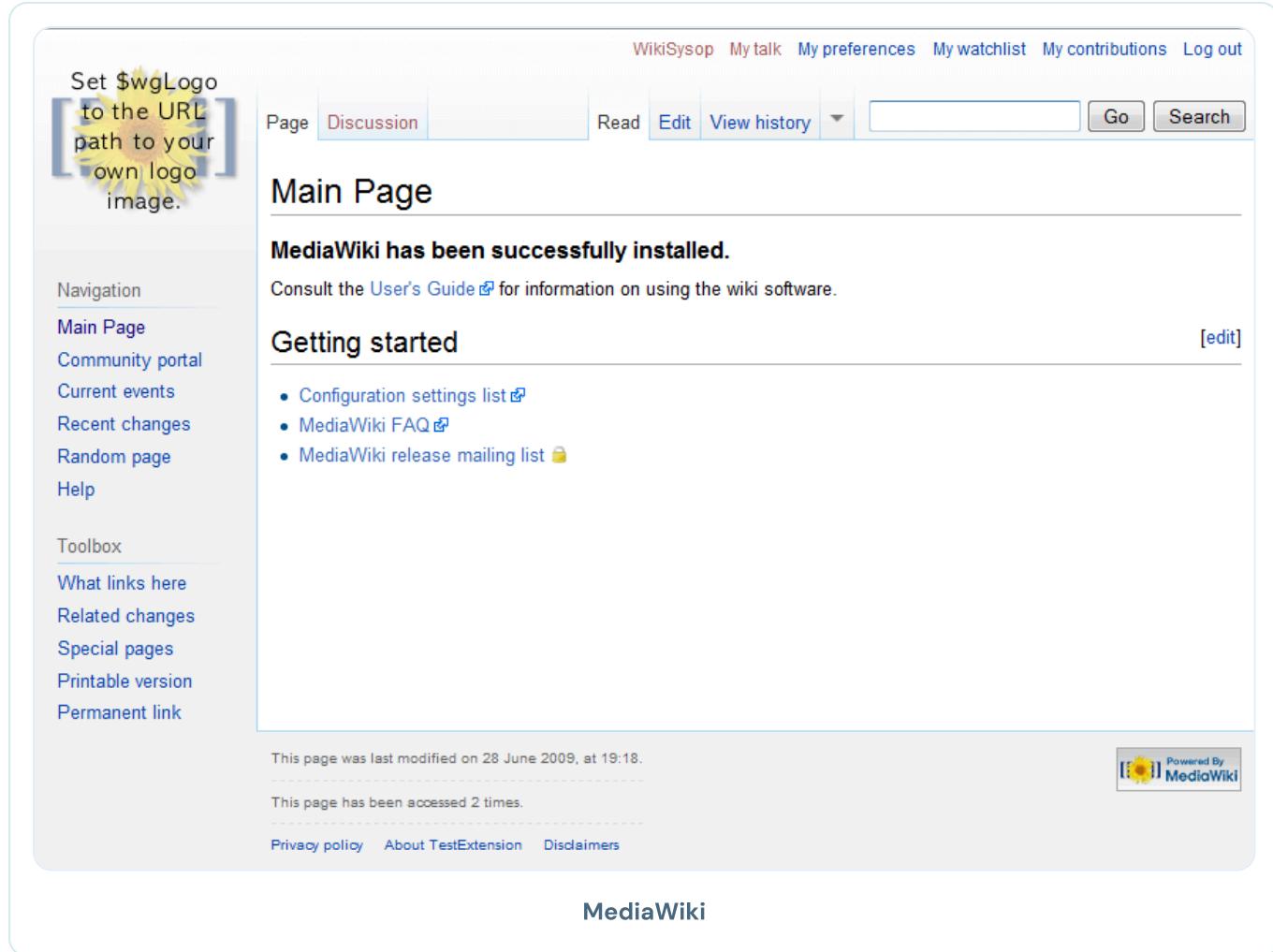
We already covered installation about Owncloud in-depth here: [Create Personal/Private Cloud Storage Solution in Linux](#)



Owncloud Storage Solutions

10. MediaWiki

[MediaWiki](#) is a program for creating and managing a Wikipedia-like website (in fact, Wikipedia itself is based on MediaWiki) where a community can add, remove, update, and revert entries, and authors are notified of such changes.

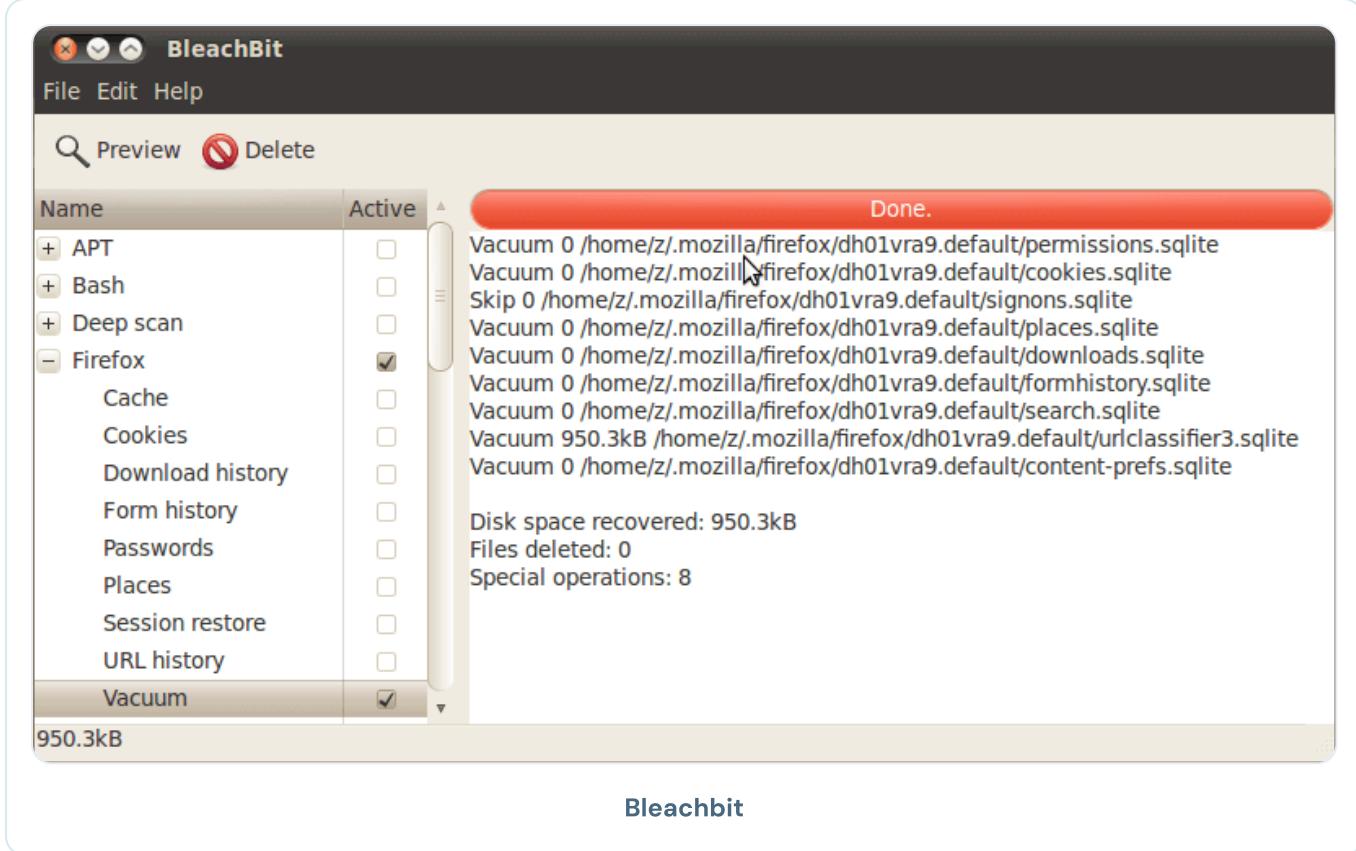


The screenshot shows a MediaWiki main page. At the top, there's a navigation bar with links for WikiSysop, My talk, My preferences, My watchlist, My contributions, and Log out. Below the navigation bar, there are tabs for Page, Discussion, Read, Edit, View history, and a search bar with Go and Search buttons. A sidebar on the left contains a logo for setting a custom logo and a list of navigation links: Main Page, Community portal, Current events, Recent changes, Random page, Help, Toolbox, What links here, Related changes, Special pages, Printable version, and Permanent link. The main content area displays the message "MediaWiki has been successfully installed." and a link to the User's Guide. It also includes a "Getting started" section with links to Configuration settings list, MediaWiki FAQ, and MediaWiki release mailing list. At the bottom of the page, there are footer links for Privacy policy, About TestExtension, and Disclaimers. The page is powered by MediaWiki, as indicated by the logo in the bottom right corner.

11. Bleachbit

You can think of [Bleachbit](#) as the [CCleaner](#) for Linux – but more powerful. It will not only recover disk space by [deleting temporary or otherwise unnecessary files](#) but will also improve Firefox's performance and securely destroy unnecessary files to prevent recovery.

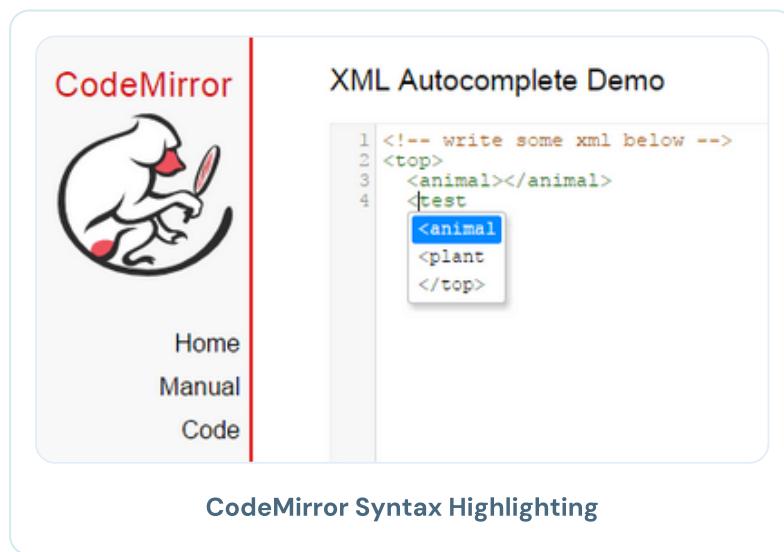
We already covered the installation of Bleachbit in-depth here: [Disk Space Cleaner and Privacy Guard for Linux](#)



12. CodeMirror

[CodeMirror](#) is a very powerful Javascript-based text editor for the web browser.

CodeMirror includes syntax highlighting for over 100 languages and a robust API. If you own a website or blog that provides programming tutorials, you will find CodeMirror to be a very useful tool.



13. GNU Health

[GNU Health](#) is a free, extremely scalable Health and Hospital Information Platform, which is used by health professionals across the world to enhance the lives of the underprivileged,

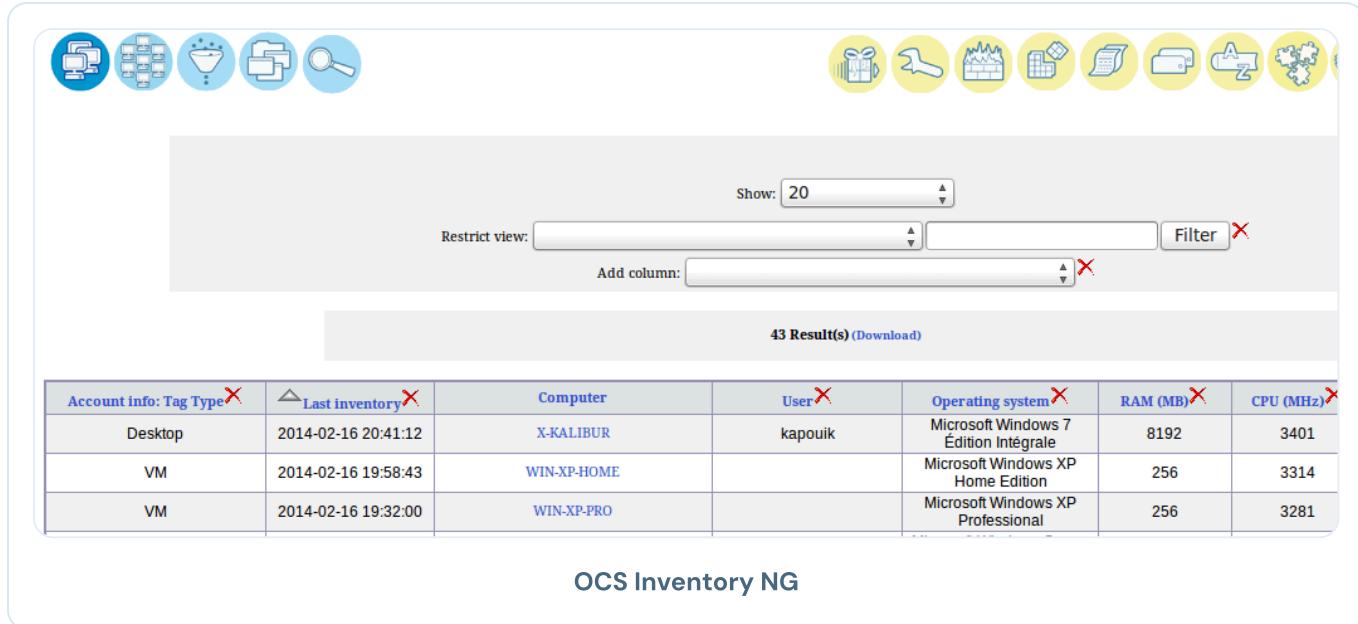
offering a free technique that optimizes health promotion and disease prevention.

The screenshot shows the GNU Health software interface. On the left is a sidebar with a navigation menu including: File, User, Options, Favorites, Help; Buscar; Party, Product, Financial, Currency, Inventory & Stock, Calendar, Health (selected), Patients (selected), Appointments, Prescriptions, Demographics, Laboratory, Hospitalizations, Pediatrics, Nursing, Health Services, Reporting, Configuration, Administration. The main window title is "Patients". It displays a patient record for "Betz, Ana" with the ID "PAC001". The patient is female, 27 years old, and has a beta-lactam hypersensitivity. A photograph of a woman wearing sunglasses and headphones is shown. Below the main info, there are tabs for General Info, Socioeconomics, Medication, Diseases, Surgeries, Genetics, Lifestyle, and Gyneco / Obs. Under General Info, there are tabs for Main (selected) and Misc. The misc tab shows information such as GP: Cordara, Cameron, Family: Zenon-Betz, Status: Married, Insurance: Insuror : 4545321. There is also a Notepad section with notes about malaria visits and insulin pump usage. At the bottom, there are fields for Date of Birth (10/04/1985), Social Security Number (55567890), Blood Type (A), and a status field (hospitalized). The footer includes: Administrator - GNU SOLIDARIO HOSPITAL [Euro], Waiting requests: 0 received - 0 sent, and admin@health.gnusolidario.org:8000/health20rc2. The title bar at the bottom says "GNU Health – Freedom and Equity in Healthcare".

14. OCS Inventory NG

Open Computer and Software Inventory Next Generation, or [OCS Inventory NG](#) for short, is a lightweight web application that can help network and system administrators to keep track of 1) all the devices connected to the network, and 2) machine configuration and software installed in them.

The project's website (listed below) has a fully functional demo in case you want to check it out before attempting to actually install the program. In addition, OCS Inventory NG relies on well-known technologies like Apache and MySQL / MariaDB, making it a robust program.



The screenshot shows the OCS Inventory NG interface. At the top, there are two rows of icons: a row of five blue icons (monitor, server, network, database, search) and a row of nine yellow icons (gift, wrench, server, database, document, printer, gear, A-Z, gear). Below these are search and filter controls: 'Show: 20' dropdown, 'Restrict view:' input field with a dropdown arrow, a 'Filter' button with a red X, and an 'Add column:' dropdown with a red X. A message '43 Result(s) (Download)' is displayed. The main area is a table with the following data:

Account info: Tag Type	Last inventory	Computer	User	Operating system	RAM (MB)	CPU (MHz)
Desktop	2014-02-16 20:41:12	X-KALIBUR	kapouik	Microsoft Windows 7 Édition Intégrale	8192	3401
VM	2014-02-16 19:58:43	WIN-XP-HOME		Microsoft Windows XP Home Edition	256	3314
VM	2014-02-16 19:32:00	WIN-XP-PRO		Microsoft Windows XP Professional	256	3281

OCS Inventory NG

15. GLPI

Often used in conjunction with OCS Inventory NG, [GLPI](#) is a multilingual, free IT asset management software that not only provides the tools to build up a database with an inventory of your network devices but also includes a job tracking system with mail notifications.

Other distinguishing features include, but are not limited to:

1. Interventions in history
2. Solution approval
3. Satisfaction survey
4. Exporting inventory to PDF, spreadsheet, or PNG formats

We already covered the installation of the GLPI IT Asset Management tool in-depth here:

[Install GLPI IT and Asset Management Tool in Linux](#)

License - ID 22

Software : Microsoft Windows 7
Name : Microsoft Windows 7 Home Premium
Purchase version : Microsoft Windows 7 Home Premium
Version in use : Microsoft Windows 7 Home Premium
Number : 5
Expiration :
Last update : 20-02-2013 15:21

Type :
Serial Number :
Inventory number :
Comments : ID продукту
Установлена на планшет.

Affected computers

Name	Serial Number	Inventory number	Location	Status	Group	User
Планшет Acer Iconia W500 (10.1 Touch) (PCAR 967)						a.khol
Планшет Acer Iconia W500 (10.1 Touch) (PCAR 967)						a.khol
Планшет Acer Iconia W500 (10.1 Touch) (PCAR 967)						a.khol
Планшет Acer Iconia W500 (10.1 Touch) (PCAR 967)						a.khol
Планшет Acer Iconia W500 (10.1 Touch) (PCAR 967)						a.khol

Check All / Uncheck All

GLPI IT Asset Management

16. Ampache

With [Ampache](#), you can set up your own home media center or [online audio and video streaming](#) application and access it from anywhere with an Internet connection.

Although it is designed as a personal application, Ampache allows for public registration if an administrator chooses to enable that feature.

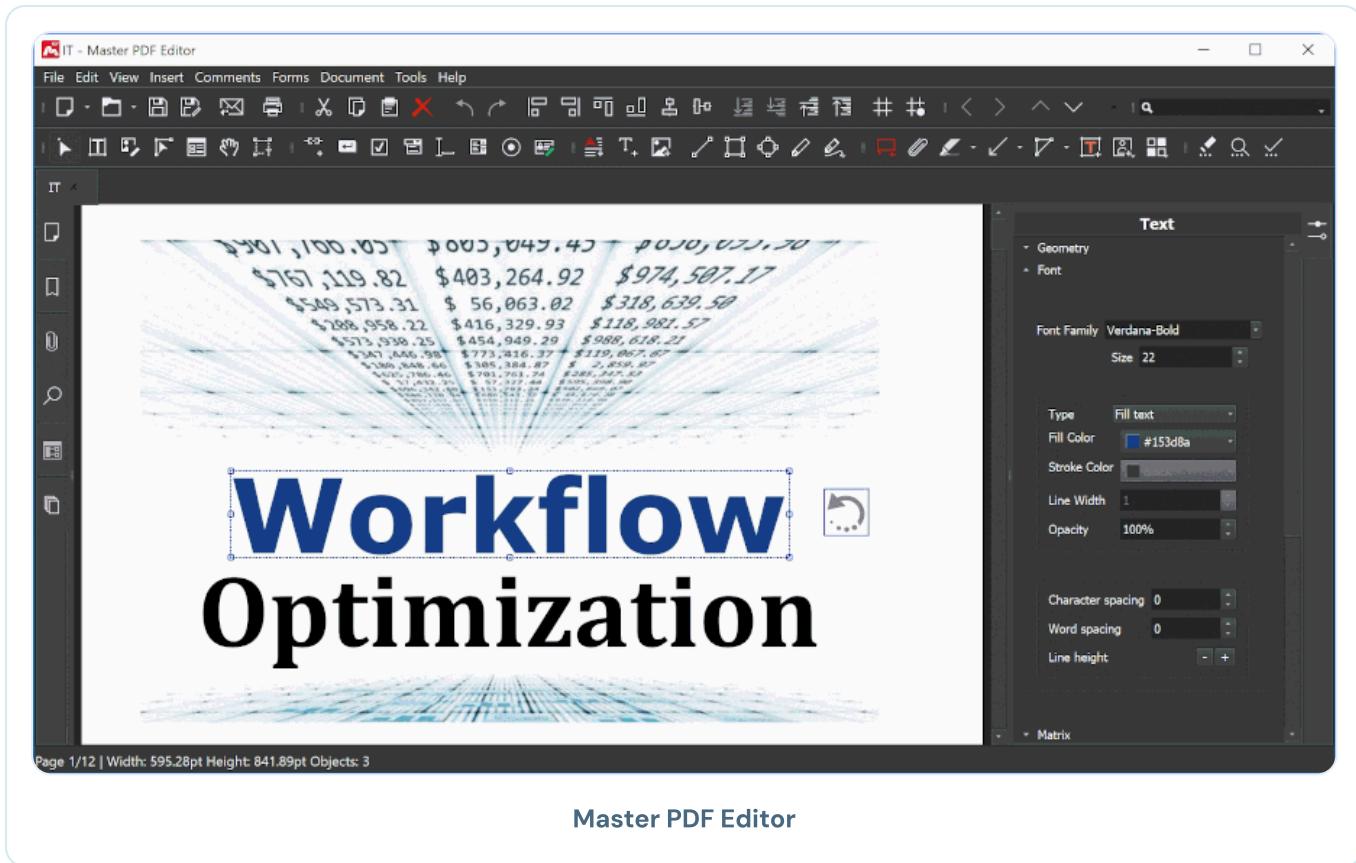
The screenshot shows the Ampache MP3 Steaming interface. On the left, there's a sidebar with various navigation options like 'Upload', 'Filters', 'Albums', 'Artists', etc. In the center, there's a list of albums. A specific album is selected, and its details are shown in a modal dialog titled 'Album edit'. The dialog fields include Name (Vive la sporulation!), Artist (Miss hélum), Album Artist (Miss hélum), Year (2004), Disk (0), and Release Type. Below these fields is a 'Tags' section with a dropdown menu open, showing genre options: Techno-Punk, Ragamuffin, Rockabilly, Rock Hardcore, Reggae, Rock Alternatif, Rock Experimental, and Rock. There are also checkboxes for 'Overwrite tags of sub items' and 'Add tags to sub items'. At the bottom of the dialog are 'Cancel' and 'Save' buttons. The top right of the interface has search and advanced search buttons, and a 'Web' link. The bottom right corner displays the version 'Ampache 3.8.0-develop'.

Ampache MP3 Steaming

17. Master PDF Editor (Paid)

[Master PDF Editor](#) is an easy-to-use pdf editing tool for working with PDF documents that comes with powerful multi-purpose functionality.

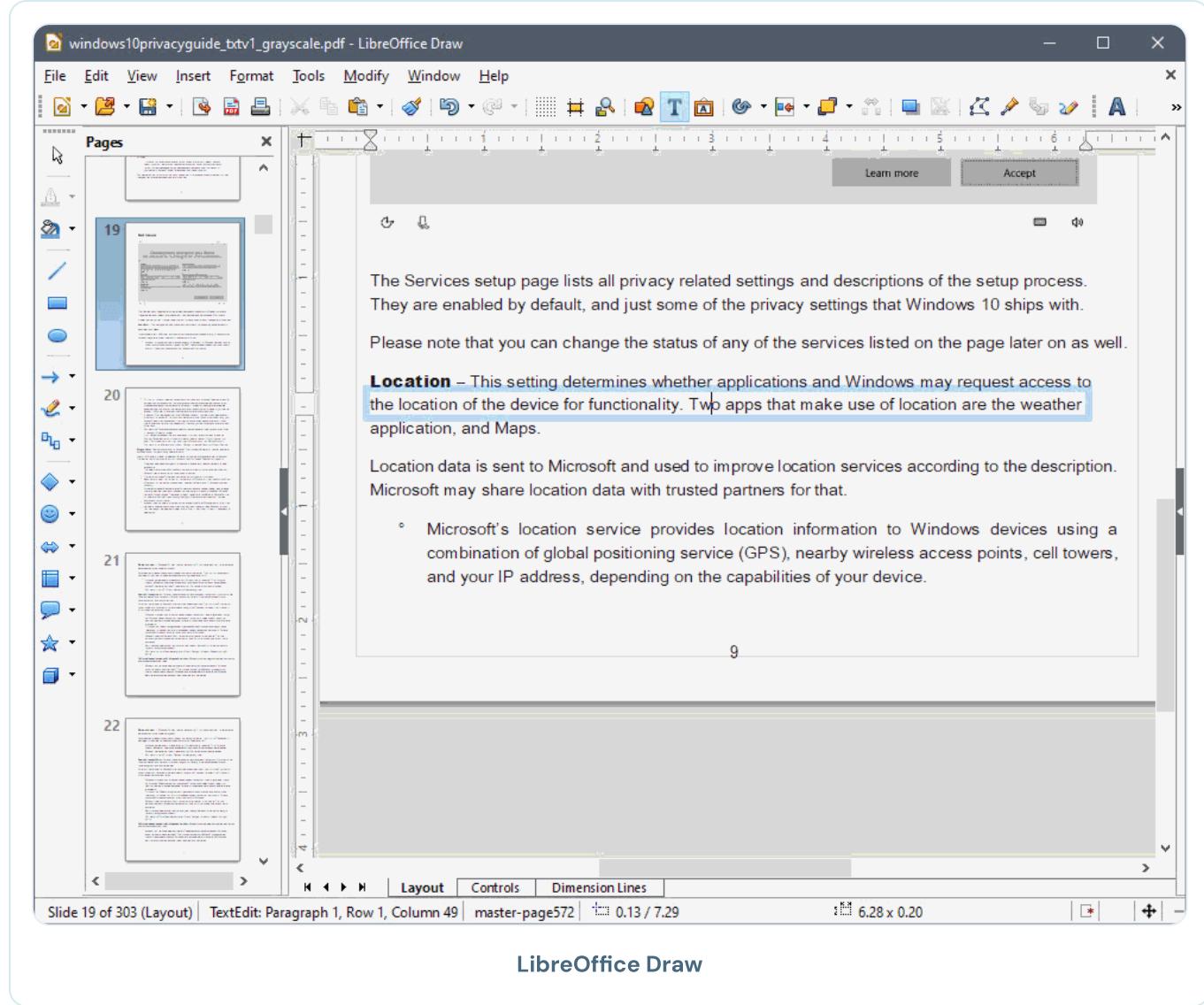
It helps you to easily add text, create and modify pdf, add images, and encrypt files. Master PDF also allows you to merge files into one or split documents into multiple files.



Master PDF Editor

18. LibreOffice Draw

[LibreOffice Draw](#) is an application that is inbuilt into the LibreOffice suite that enables you to create anything from an easy sketch to a complex one and provides you the means to communicate with graphics and diagrams. With Draw, you can easily open and edit basic PDF files.

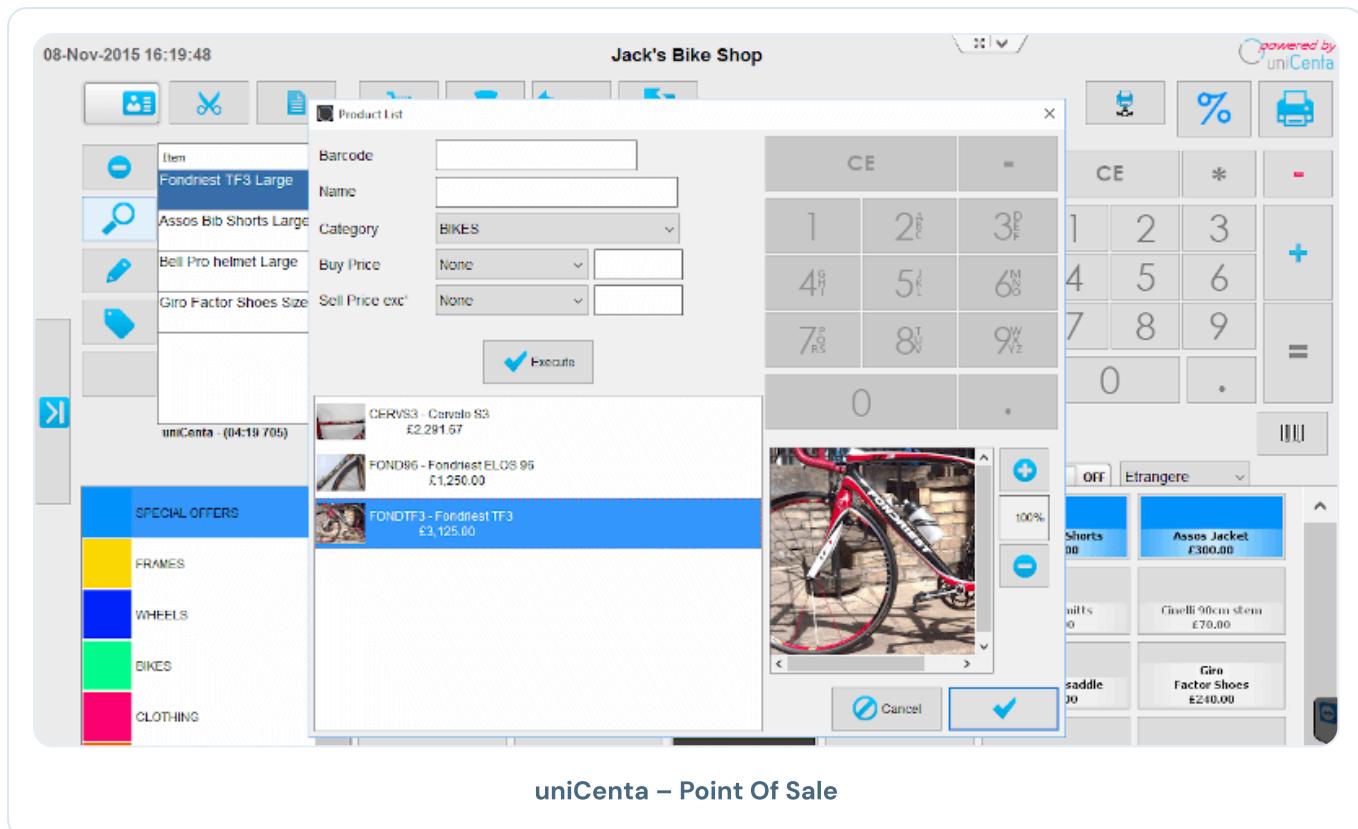


LibreOffice Draw

19. uniCenta oPOS

If you own a small or medium business you will undoubtedly need a Point Of Sale program. As such, [uniCenta oPOS](#) may be a lifesaver for you. It uses a MySQL / MariaDB database for data storage, and thus a single database can be used with multiple active terminals at the same time.

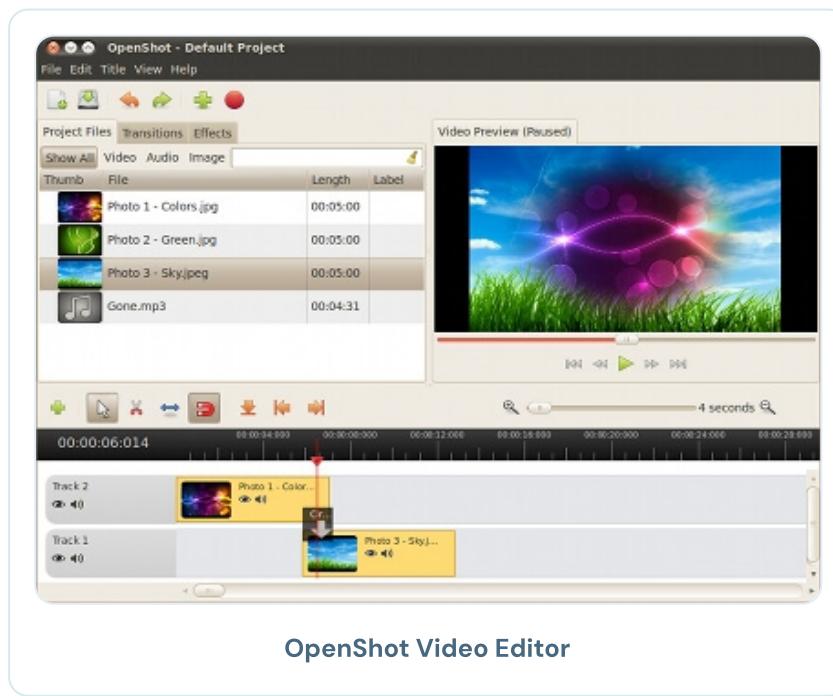
On top of all that, uniCenta oPOS also includes a search panel, a price-checker utility, and a tool to create printed reports.



20. OpenShot

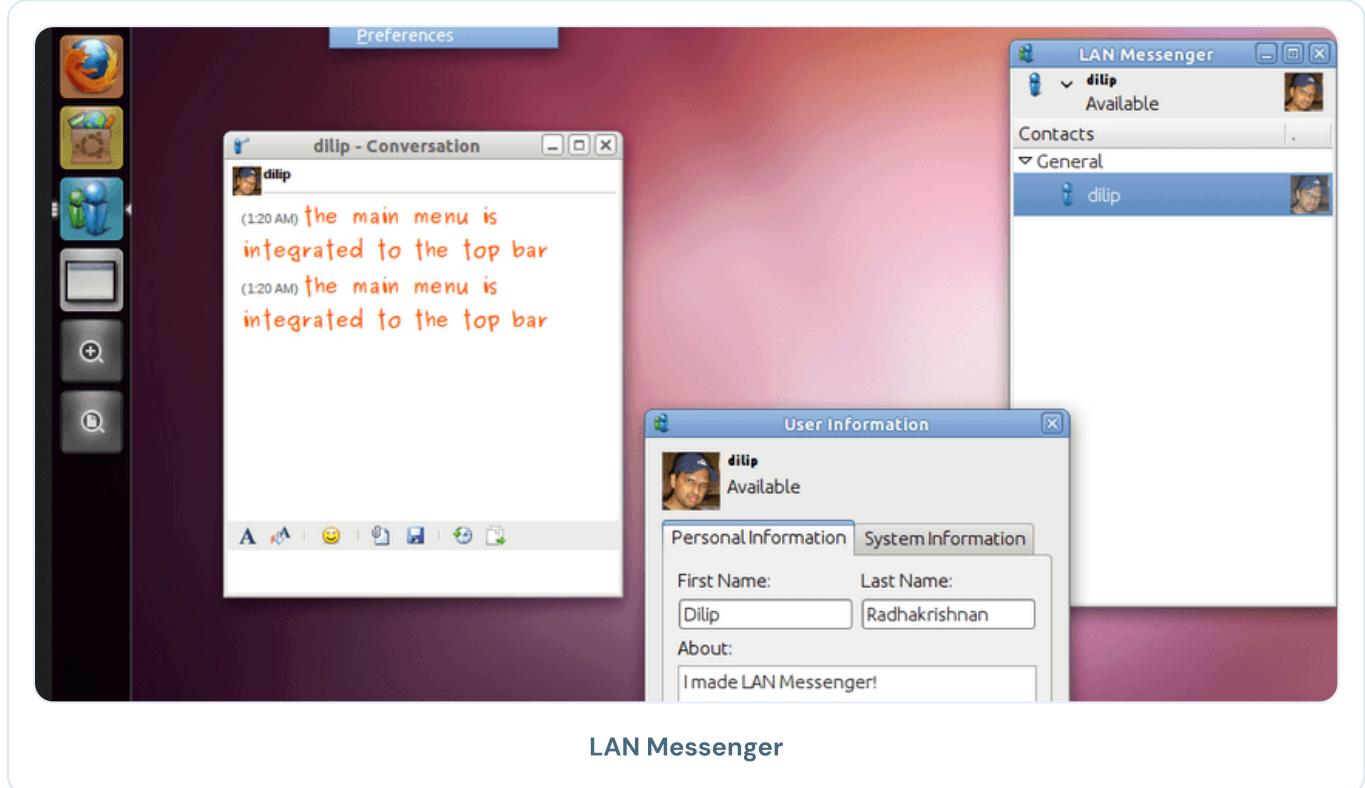
[OpenShot](#) is a FOSS video editor for Linux that can help you create “the film you have always dreamed of” (in the words of its developers) with your home videos, pictures, and music files.

It also allows you to add subtitles, and transition effects, and export the resulting video file to DVD and many other common formats.



21. LAN Messenger

[LAN Messenger](#) is a multilingual (a language pack is needed) and cross-platform (works in Linux, Windows, and Mac) IM program for communication over a LAN. It provides file transfers, message logging, and event notifications – all without the need to set up a server!



22. Cherrytree

[Cherrytree](#) is a free and open-source hierarchical note-taking program that comes with rich text formatting, syntax highlighting, and advanced customization options. Its advanced search feature enables you to search files across the file tree irrespective of their path.

It comes with keyboard shortcuts, importing and exporting notes, syncing with cloud platforms like Dropbox, and password security to keep your notes secure.

CherrytreeManual.ctb - /home/giuspen/Scaricati - CherryTree 0.33.4

Introduction

Cherrytree 0.33.3



Cherrytree is what's referred to as an "hierarchical" note taking application, meaning it's designed to store your entries in containers, which some programs call "notes" or "pages" and Cherrytree calls "nodes". If you envision the Cherrytree document as the root of a tree, and each "node" as a branch in that tree, sub-nodes as branches off that branch, you will start to get the idea. If you have ever used outlining programs like OmniNote, Kjots, Keepnote and others, then Cherrytree will feel very familiar. However, Cherrytree is not just about having a place to write notes and to-do items and keeping them organized, it's also a place you can store links, pictures, tables, even entire documents. It can be your one program for all the miscellaneous information you have and want to keep. All those little bits of information you have scattered around your hard drive can be conveniently placed into a Cherrytree document where you can easily find it.

Just having a place to put notes and bits of information would not be much help if you had to go through a lot of trouble finding a particular piece of it. This is where Cherrytree really excels. Its powerful search functions help you easily and quickly find anything you have put in it. If you can do no more than remember one word of what you're looking for, Cherrytree can find it, fast. As you become more familiar with some of Cherrytree's advanced functions, you will also be able to link related information and make better use of it.

So go ahead, give Cherrytree a try. In the next few pages we'll go over how to get started with some of the basic uses. People already familiar with outlining software may want to jump ahead to the more advanced features. However you start, we believe you're going to love Cherrytree!

Explore! Have fun!

next- [About this Manual](#)

Node Type: Rich Text

Cherrytree – Note-Taking App

23. FlightGear

[FlightGear](#) is an awesome open-source flight simulator tool, that is used to create a knowledgeable and open flight simulator system for use in experiments or academic environments, pilot training, an industrial engineering program, for DIY-ers to chase their chosen exciting flight simulation design, and last but surely not least as a fun, practical, and demanding desktop flight simulator for Linux.



FlightGear Flight Simulator

24. MuseScore

[MuseScore](#) is an open-source and free professional music notation application that is used to create, play and print beautiful sheet music using easy to use, yet powerful interface.

A screenshot of the MuseScore music notation software. The main window displays a musical score for 'Coming Back Home' by Marc Sabatella. The score consists of four staves of music in G major, with various chords labeled above the notes. The software interface includes a toolbar at the top, a palette on the left containing items like Grace Notes, Slurs, Key Signatures, Time Signatures, Barlines, Lines, Articulations & Ornaments, Accidentals, Dynamics, Repeats & Jumps, Tempo, Tie, Rest, Breaks & Spacers, and Beam Properties. On the right, there is an Inspector panel with settings for the selected element, including visibility, color, horizontal and vertical offsets, and text style options like Chord Symbol or Reset Text to Style.

MuseScore – Music Notation Software

25. Tmux

[Tmux](#) is an open-source [Linux terminal multiplexer](#) that allows you to run multiple terminal sessions in a single window.

It is useful for running several programs in one terminal, [detaching them](#) (they keep running in the background), and reattaching them to a different terminal.

```

GNU nano  New Buffer Modified
Hello.

This text file is my diary.
I have friends in Canada.

^G Ge^O Wr^R Re^Y Pr^K Cu^C Cur Po
^X Ex^J Ju^W Wh^V Ne^U Un^T To Spe

19:54 <@Ingifridh> Anyone up for a chat?

[19:54] [@Ingifridh(+i)] [6:du/#sunshine(+nt)]
[#sunshine]
[0] 0:lynx 1:mc- 2:irssi*      "" 19:54 09-Nov-11

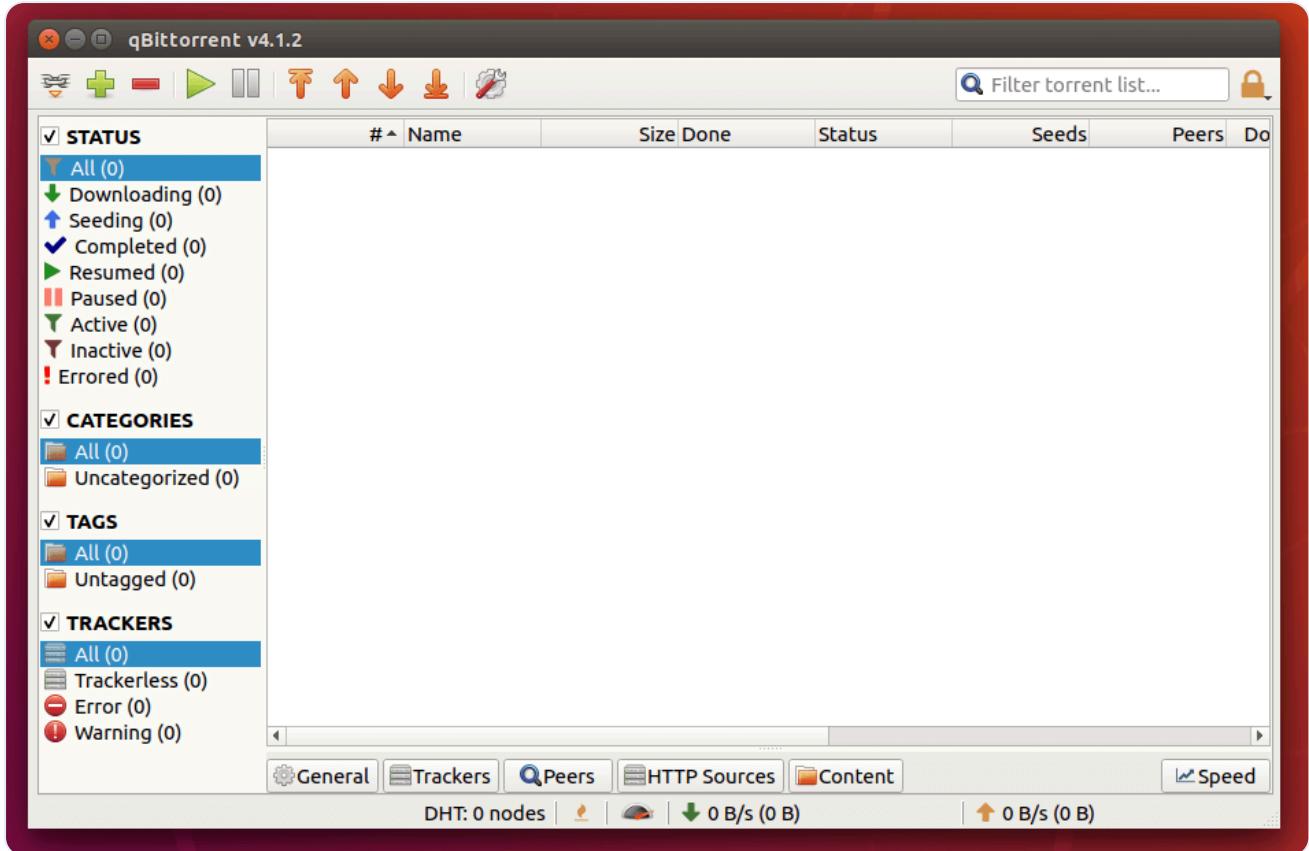
```

tmux- Terminal Multiplexer

26. qBittorrent

[qBittorrent](#) is a free and open-source [BitTorrent client](#) that helps users to download and share files over the network in a decentralized manner.

It allows users to connect to peers and seeders to download and upload files efficiently by connecting to a swarm of other users who are sharing the same file. It uses the BitTorrent protocol, which breaks files into smaller parts and allows users to download those parts from multiple sources simultaneously.



qBittorrent BitTorrent Client

27. NextCloud

Described as “a safe home for all your data”, [NextCloud](#) was started as a separate project by one of its ownCloud’s first collaborators.

Although it raised a few sparks between him and the [ownCloud](#) community, NextCloud seems to be here to stay and compete with ownCloud as a private cloud solution to access and share your files, calendars, contacts, and [office documents](#).

Using dozens of third-party apps available on the official App Store, you can equip your Nexcloud instance with new features and turn it into a powerful collaborative environment that cares with respect to your personal data.

The screenshot shows the Nextcloud Files interface. On the left, there's a sidebar with links for 'All files', 'Favorites', 'Shared with you', 'Shared with others', 'Shared by link', 'Tags', 'Deleted files', and 'Settings'. The main area displays a list of files and folders. The columns include 'Name', 'Size', and 'Modified'. The files listed are:

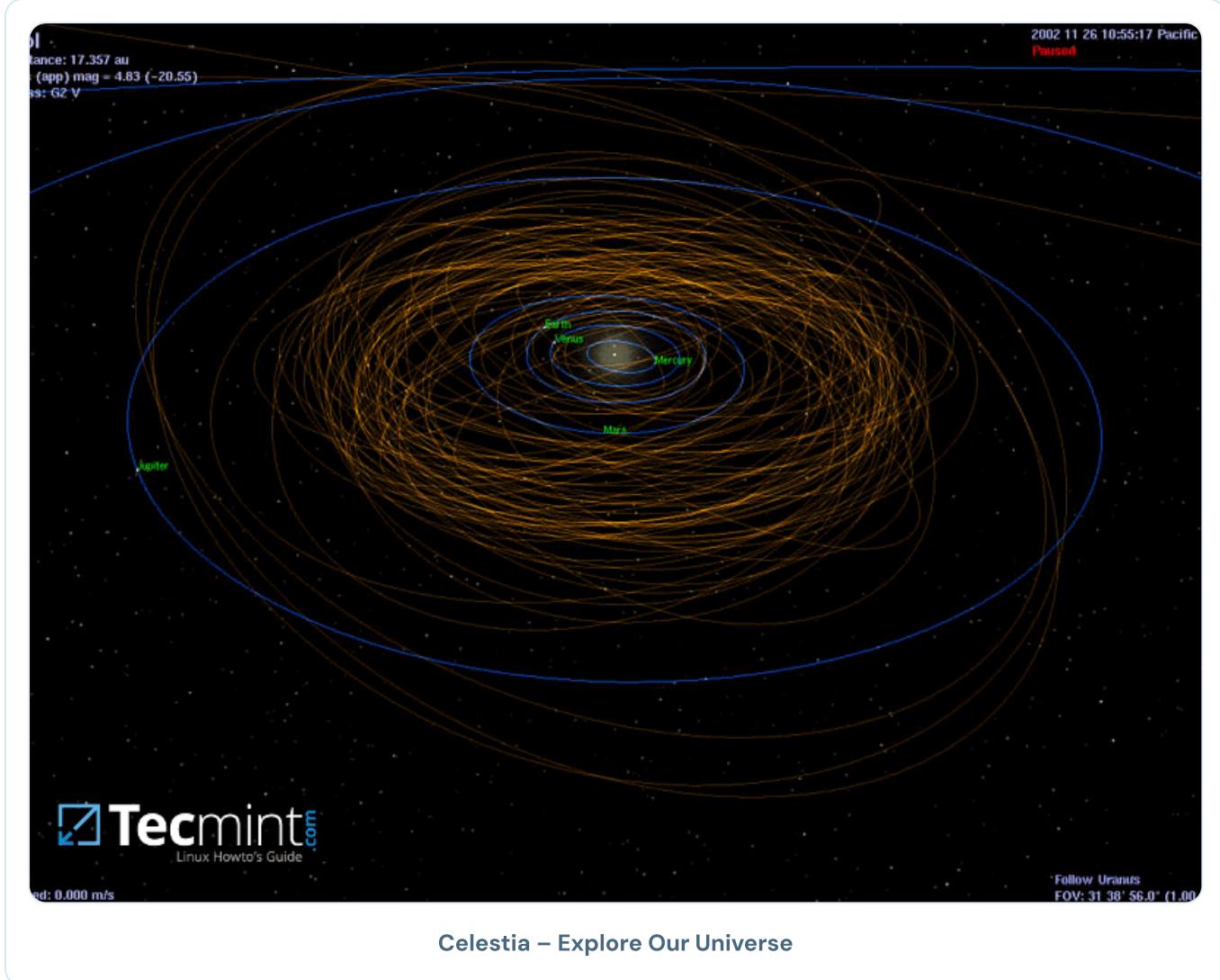
Name	Size	Modified
Music	70.3 MB	9 months ago
Photos	762 KB	9 months ago
Demo Code - C.c	0 KB	9 months ago
Demo Code - C++.cc	3 KB	9 months ago
Demo Code - PHP.php	4 KB	9 months ago
Demo Code - Python.py	< 1 KB	9 months ago
Demo Image - ccc.jpg	163 KB	9 months ago
Demo Image - Laser Towards Milky Ways Centre.jpg	308 KB	9 months ago
Demo Image - Northern Lights.jpg	219 KB	9 months ago
Demo Movie MOV - Big Buck Bunny Trailer.mov	10.5 MB	9 months ago
Demo Movie OGG - Big Buck Bunny Trailer.ogg	4.2 MB	9 months ago

28. Celestia

Because even system administrators and developers need a little distraction, you can use [Celestia](#) (a free 3D astronomy program) to navigate the universe.

Celestia serves as a 3D planetarium that seamlessly simulates various celestial objects whose position and movement are calculated accurately in real-time. It also comes with a large database of stars, galaxies, planets, asteroids, comets, and other celestial bodies.

As opposed to other planetarium software, Celestia allows you to travel throughout the solar system and the galaxy, not just the surface of the Earth. To infinity and beyond!



Celestia – Explore Our Universe

29. FreeRDP

If your [system administration tasks](#) include managing [Windows servers via Remote Desktop Protocol](#) (RDP), [FreeRDP](#) is a tool that you will want to try out.

It is described by its developers as an RDP client for Windows Terminal Services. The project is hosted on GitHub and released under the Apache license, so you are welcome to collaborate with it if you wish.



FreeRDP – Remote Desktop Protocol (RDP)

30. Flyspray

Again, I may be a little biased on this one. If you are searching for a bug-tracking and project management solution, don't look any further [Flyspray](#), a web-based tool powered by Apache has exactly what you need. And don't just take my word for it: even ArchLinux uses Flyspray for [bug-tracking](#).

Flyspray is a lightweight bug-tracking system written in PHP that runs on any OS and focuses on a very intuitive design allowing you to handle multiple projects at once.

It supports MySQL or PostgreSQL as database servers and provides voting functionality, email notifications (requires a separate mail server to be installed and configured), and optional Single-Sign-On (SSO) using a Facebook or Google account.

The screenshot shows the Flyspray Bug Tracking System interface. At the top, there are fields for 'Username' and 'Password', a 'Remember me' checkbox, and a dropdown menu set to 'Arch Linux'. Below these are navigation links: 'Switch' (highlighted in dark grey), 'Overview' (with a house icon), 'Tasklist' (with a clipboard icon), and 'Roadmap' (with a road map icon). A message encourages users to read reporting guidelines before filing bugs. It also states 'Do NOT report bugs when a package is just outdated, or it is in Unsupported. Use the 'flag ou' and REPEAT: Do NOT report bugs for outdated packages!' Below this is a search bar labeled 'Search this project for' and an 'Advanced' link with a green plus sign icon. The main area displays a table of bug reports:

ID	Task Type	Category	Severity	Summary
51943	Bug Report	Kernel	Critical	[linux] "Warning!!! Boot script" fails after booting from a USB stick
51818	Bug Report	Packages: Core	Critical	[linux-lts][linux-zen][linux-grub] grub2 fails to boot after update to 5.18.10-1
51506	Bug Report	Kernel	Critical	[linux] Boot freeze after "load kernel" command
50619	Bug Report	Kernel	Critical	[linux] i915 Skyle driver freeze after boot
50397	Bug Report	Kernel	Critical	[linux] radeon: ring 0 stalled after boot
48866	Bug Report	Kernel	Critical	[linux] Hard system freeze after boot

Flyspray – Bug Tracking System

31. GnuCash

If you have been using a spreadsheet to keep track of your personal, family, or business finances, it may be time to try a more suitable solution such as [GnuCash](#).

This FOSS accounting software allows you to keep an eye on your bank accounts, expenses, and income and to create custom, complete reports with this data. Its user-friendly interface is a plus to the solid accounting principles [GnuCash](#) uses under the hood.

The official website includes an exhaustive FAQ section, the application Manual, and a Tutorial guide. With these materials, learning how to use GnuCash will be a piece of cake. On top of that, you can subscribe to the mailing lists in case you need help or run into any problems with GnuCash.

Like many other open-source projects, GnuCash is entirely developed, maintained, and translated entirely by volunteers and enthusiasts.

		Tot Receive	Tot Spend	Balance
Expenses:Auto:Gas	n		35.00	100.00
– Split Transaction –	n	100.00		200.00
Expenses:Dining	n		23.45	200.00
		100.00	<i>Tot Spend</i>	3.45
Assets:Cash in Wallet	n	100.00		
Assets:Checking Account	n	1,000.00		
Expenses:Taxes:Federal	n		10.00	
Income:Salary	n		1,090.00	
Expenses:Auto:Gas	n		50.00	200.00
0.00 Projected Minimum:		\$264.10		

GnuCash – Financial Accounting Software

31. LogicalDOC

Both available as Enterprise (paid) and Community editions, [LogicalDOC](#) is an award-winning, web-based Document Management System (DMS). As such, it aims to provide a high-quality method for sharing business documents and records in a low-cost and secure way.

Additionally, LogicalDOC allows you to control access to these resources via security roles, and to easily track changes through version control. LogicalDOC can be installed both on a single computer in standalone mode, on a dedicated server as a shared service, or as a Software as a Service (SaaS) solution.

LogicalDOC comes with features for content processing and information management that are more suitable for enterprises and businesses but it's also great for personal use.

The screenshot shows the LogicalDOC Document Management System interface. The top navigation bar includes File, Personal, Tools, Help, Dashboard, Documents, Search, and Administration. The left sidebar has a tree view under 'Browser' with categories like Default, Accounts, and LogicalDOC Mobile. The main area displays a list of documents with columns for Title, Type, Size, File version, Published by, Published on, and Custc. A modal window titled 'Policies inherited from: /Default/Accounts' shows a grid of permissions for various groups and users across categories like Read, Write, Add Fol..., Security, and Delete. The bottom right corner shows a toolbar with icons for file operations.

33. Blender

If you are into game development, [video editing](#), or 3D modeling, I am sure you must have already heard about this tool. If you are considering any of these activities either as a hobby or a career change and haven't heard about [Blender](#), it is definitely time to check it out.

As a FOSS solution, it does not come short when compared to commercial tools. On top of it, Blender is cross-platform which means you can not only run it on Linux but also on macOS and Windows.

Among the standard Blender features, you can find rendering, 3D modeling, digital sculpting, video editing, and simulation tools.



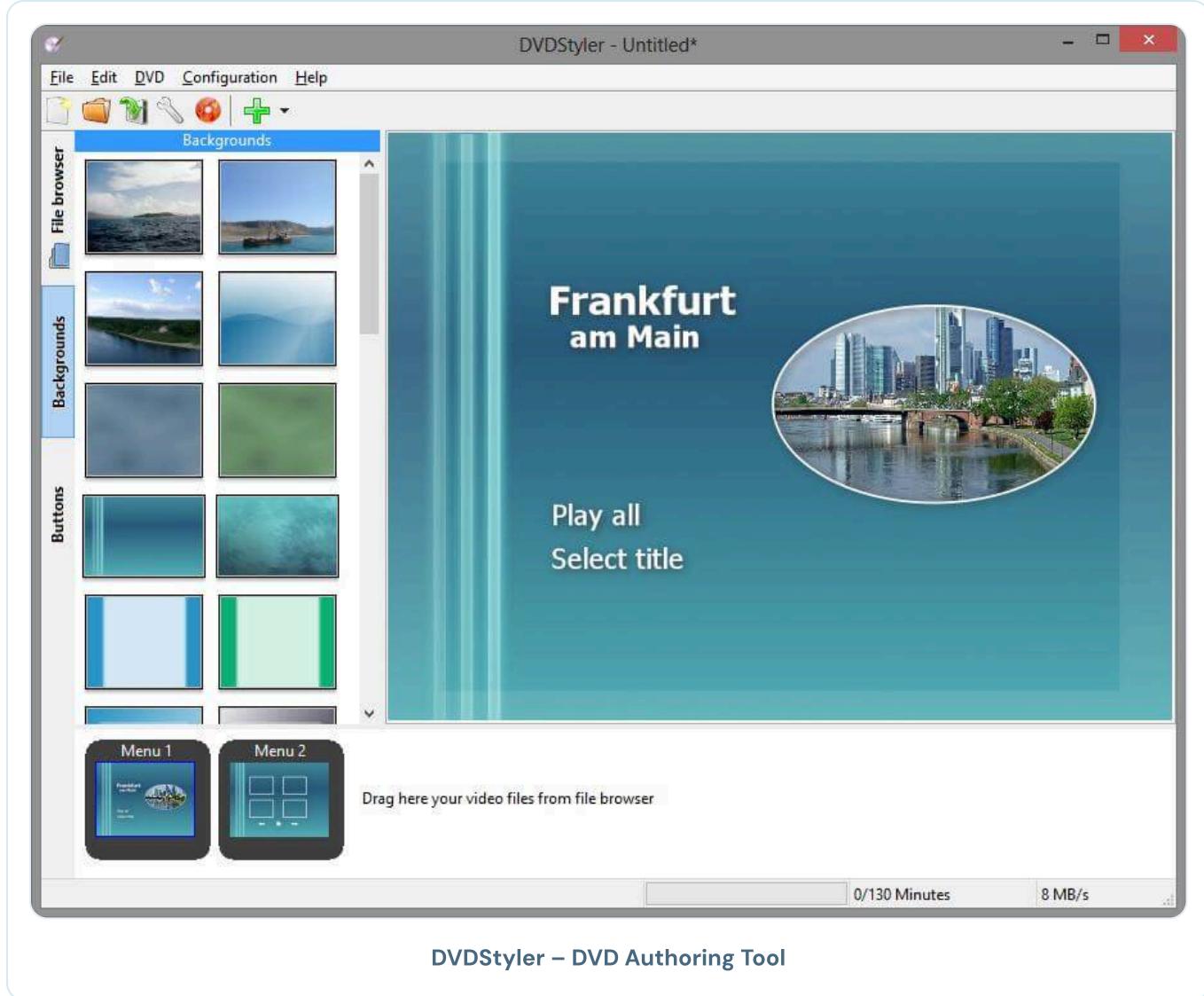
Blender – 3D Creation Suite

34. DVDStyler

[DVDStyler](#) is a cross-platform, FOSS DVD authoring tool that allows you to create nice-looking and professional DVDs with your video and image files.

As such, DVDStyler allows you to create your own interactive menus or choose from the built-in ones, add subtitle and audio files, and use video files in different formats. Additionally, you can create photo slideshows and place graphic objects like buttons, text, images, and so on.

In addition, this awesome tool integrates with your DVD burner to burn the disk from within the same application.



35. OSQuery

As its name suggests, [OSQuery](#) provides access to real-time system information in the form of tables and events that can be queried using SQL-like syntax via an interactive query console.

With [osquery](#), you can explore your system to perform intrusion detection, diagnose a problem, or just produce a report of its operation – all at your fingertips using a single tool.

If you have at least a basic understanding of SQL, getting details about the operating system using the built-in tables in OSQuery will be a piece of cake.

OSQuery runs flawlessly on Windows, macOS, CentOS, and all other Linux OS released since 2011 and requires no dependencies.

path	permissions	atime	mtime	ctime
/usr/bin/cron	SG	1473492663	1473492596	1473492617
/usr/bin/ssh-agent	G	1473494908	1462457769	1466703278
/usr/bin/pkexec	S	1473494908	1448399724	1466702997

OSQuery – Shows Real-Time System Information

Need yet another reason to convince you to give OSQuery a try? It was developed and maintained by the folks at Facebook.

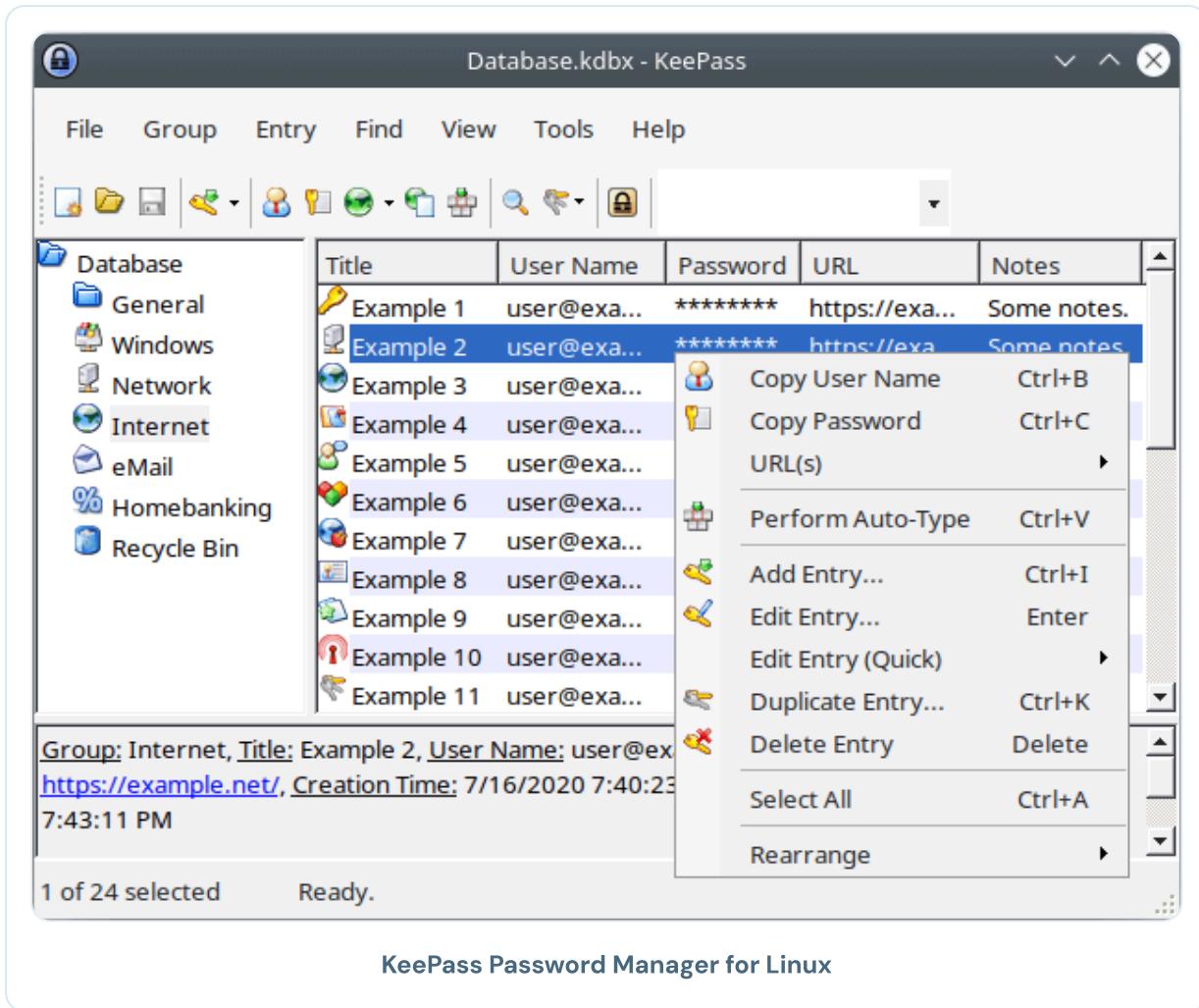
36. KeePass

I have to deal with so many programs, websites, and services that I often forget my passwords. There is no doubt that this also happens to other Linux users, so here is the solution – [KeePass](#). It's a free open-source password manager that allows you to manage and keep your passwords in a secure way.

KeePass stores all of your passwords in a single database locked with a master key. That's why you need to remember one single master key to access the database.

All passwords are encrypted using the most secure encryption algorithms. In fact, KeePass is compatible with the Advanced Encryption Standard (AES, Rijndael) and the Twofish algorithm.

Alternatively, KeePass allows you to use key files instead of master keys. You just need to always have the key file with you. For example, you can carry it on a floppy disk or USB stick.

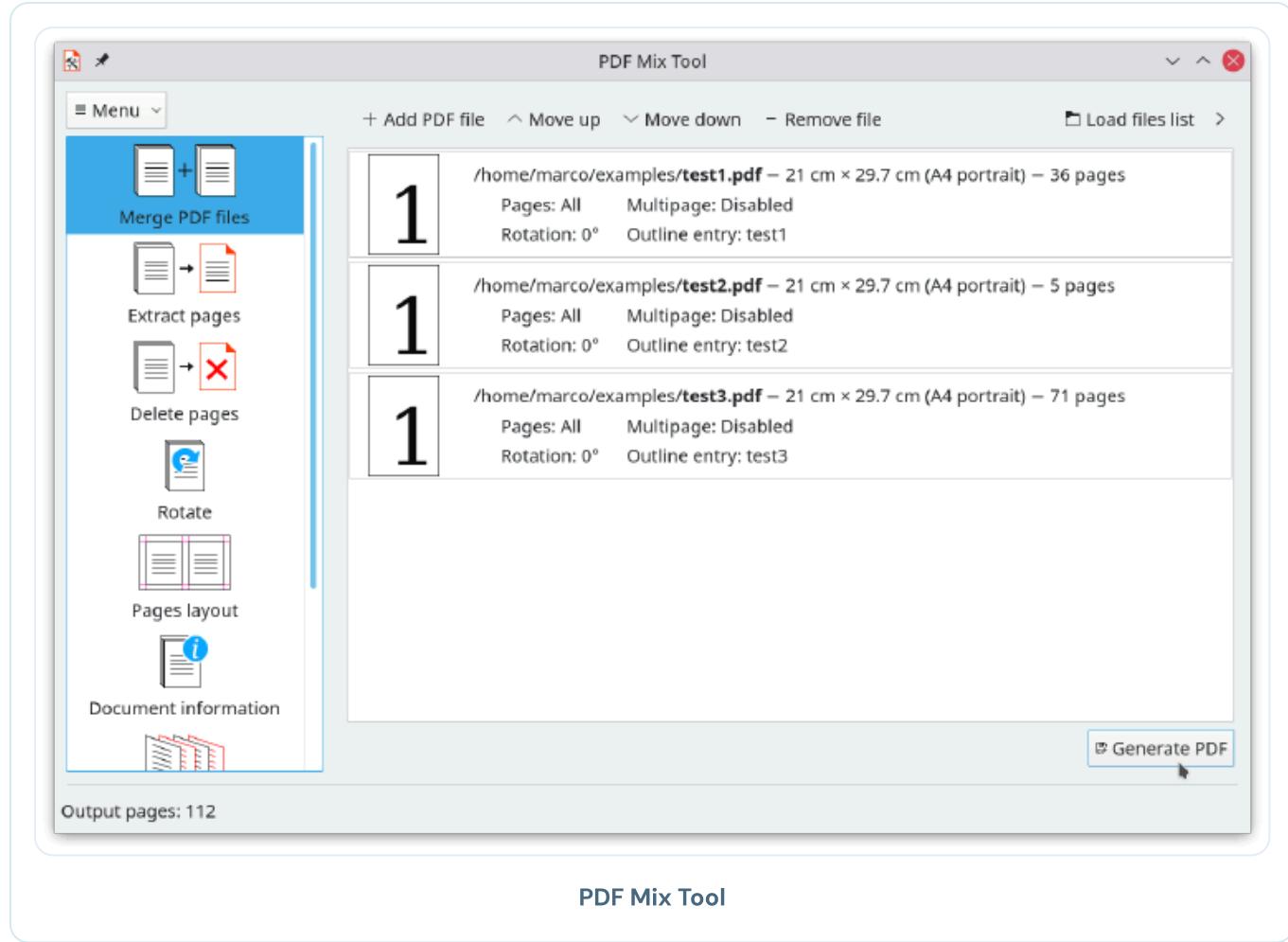


37. PDF Mix Tool

I don't often edit PDF files but when I do, I usually use [PDF Mix Tool](#), which is a simple and lightweight open-source program that makes it possible to perform common PDF editing operations, such as file merging and page rotation.

Apart from that, you can also use PDF Mix Tool to generate booklets, delete and add pages to a PDF file, extract pages and even edit the PDF document information.

This tool is good for basic editing operations. If you need a more complex and powerful program, take a look at the [best pdf editors for Linux](#).



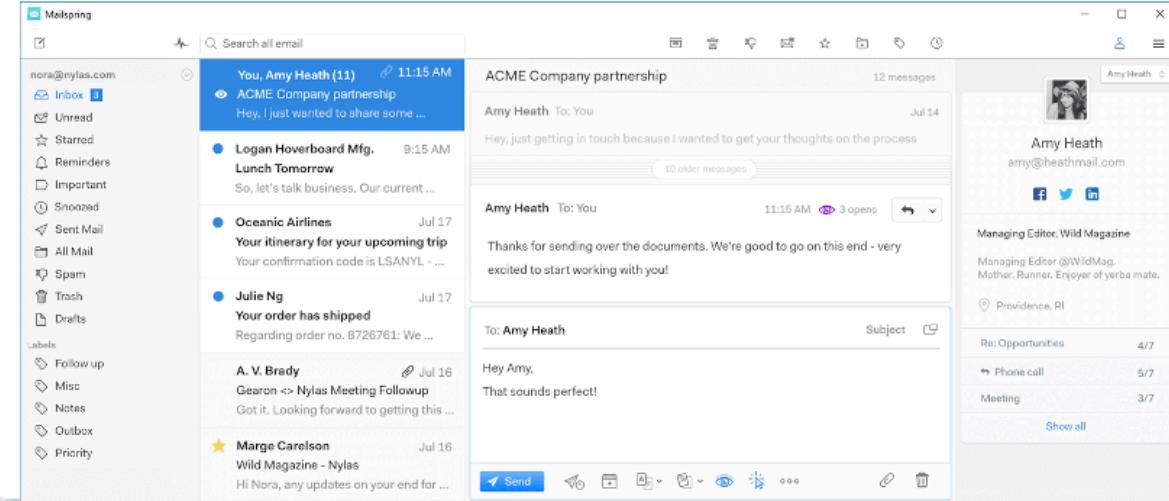
PDF Mix Tool

38. Mailspring

When it comes to email management, one of my favorite tools is [Mailspring](#), which is an open-source and cross-platform email client that allows you to create a single inbox for all your email accounts.

Mailspring is compatible with all popular email providers, including Gmail, Outlook, iCloud, Office 365, Yahoo!, etc., and supports IMAP/SMTP.

The Mailspring user interface is visually pleasing and there are a few beautiful themes. It also comes with a signature editor that allows you to create custom signatures, even with images and links to social media, which looks great.



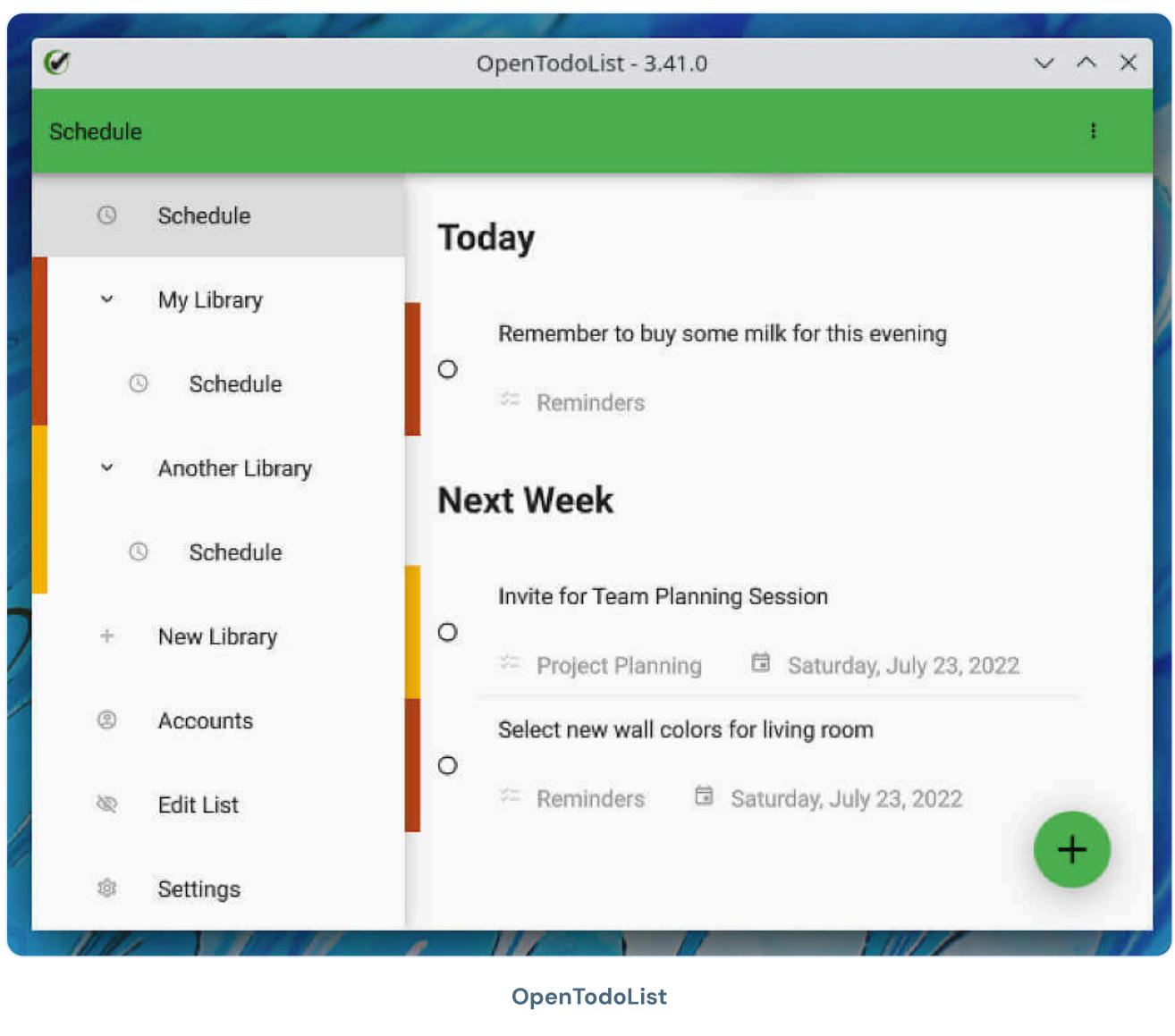
Mailspring – Linux Email Client

39. OpenTodoList

If you work on several projects and have a lot of tasks to do at a time, you definitely need to try [OpenTodoList](#), which is a simple note-taking application that allows you to stay organized.

With this tool, your information is organized in libraries. A library can contain to-do lists, notes, and images that are stored locally.

More importantly, you can synchronize your information with NextCloud, ownCloud, other WebDAV services, or any third-party synchronization tool of your choice. OpenTodoList lets you keep track of your tasks and enhance your productivity in a simple way.



40. ONLYOFFICE

Many Linux users have been lacking a decent [Microsoft Office alternative](#) for years. From my point of view, one of the best replacements for the MS Office suite is [ONLYOFFICE](#), an open-source project that revolves around office software and productivity tools.

ONLYOFFICE offers a self-hosted office suite called Docs and a [free desktop editor](#) for Linux, Windows, and macOS. Both online and desktop editors are based on the same engine and allow you to create and collaborate on documents, presentations, spreadsheets, and [fillable forms](#) in real-time.

The ONLYOFFICE suite is fully compatible with DOCX, XLXS, and PPTX files and also makes it possible to open and view PDF and DjVu files. Conversion to DOCX is available, too.

ONLYOFFICE comes with integration apps for the most popular file-sharing and document management platforms, so you can embed the online editors to enable document editing

and real-time co-authoring within [Nextcloud](#), ownCloud, [Moodle](#), [WordPress](#), [Seafile](#), etc.

The screenshot shows the ONLYOFFICE Docs interface for a document titled "Create Document Final.docx". The document content includes:

- Comments:**
 - Samantha Jones: "Although nothing on earth is perfect, my document is expected to be as close to perfection as possible."
 - Jason Davis: "Sounds a bit pompous, doesn't it?"
 - Olivia Robinson: "Yeah, I agree. Let's make it clearer." and "Great sentence! I like it. Please don't change anything."
- Section Headers:** "An eye-catching heading means a lot" (H1) and "AN INFORMATIVE SUBHEADING ALSO DOES" (H2).
- Text:** A paragraph about document structure.
- Table:** A table titled "YOUR TABLE" with four rows and three columns. The data is as follows:

Text description		
Text description	Parameter 1	Parameter 2
Parameter 1	45	5
Parameter 2	70	10
Parameter 3	15	5
Parameter 4	35	5

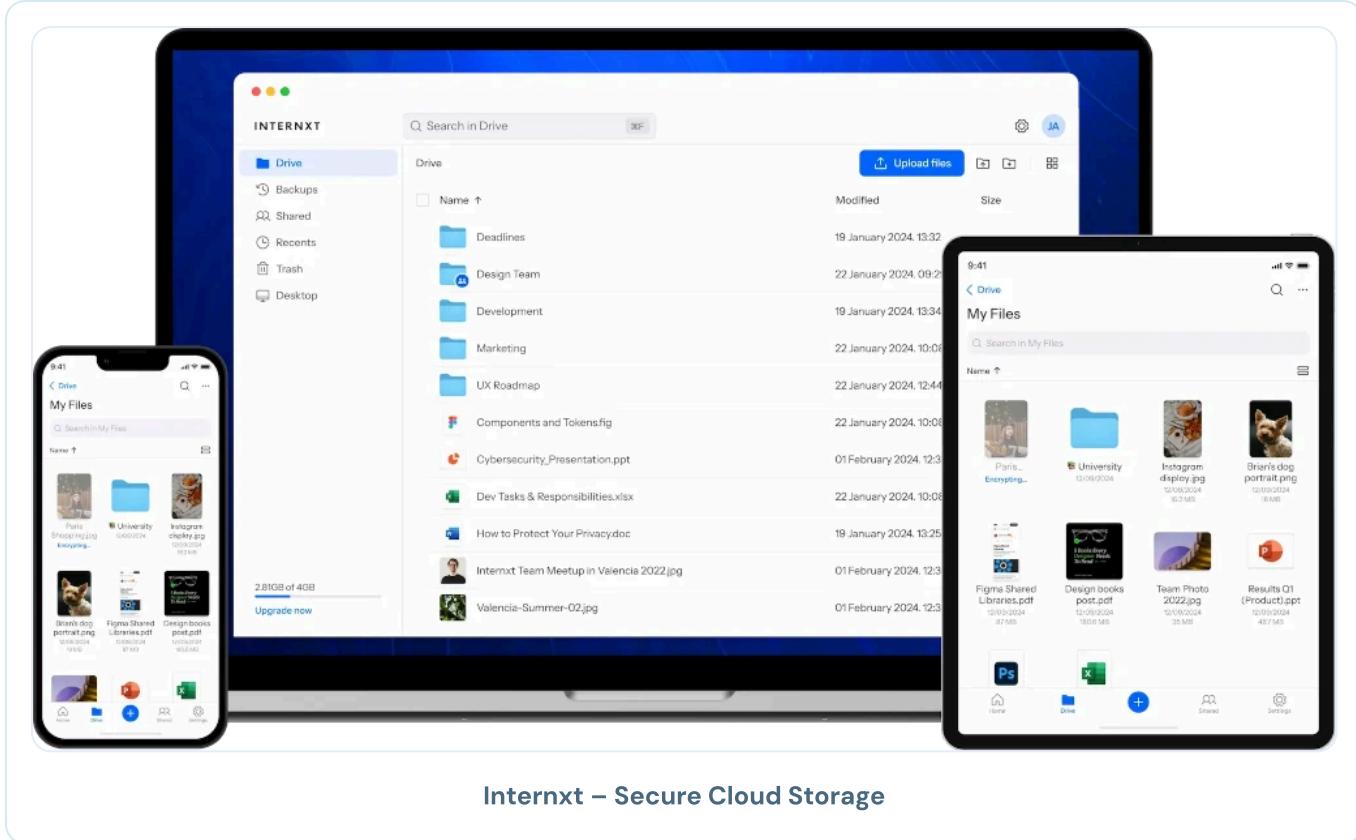
- Figure:** A pie chart titled "YOUR CHART" showing the distribution of parameters. The segments are labeled: Parameter 1 (45), Parameter 2 (70), Parameter 3 (15), and Parameter 4 (35).
- Text:** A note about the importance of text content.

41. Internxt – Secure Cloud Storage

[Internxt](#) is a secure cloud storage solution built using open-source software. Internxt Drive is a free and private cloud storage platform allowing users to share and collaborate on files securely.

Internxt guarantees file security with end-to-end encryption. For maximum security, it encrypts your files directly on your device before they are transmitted to the internet, and you can share and collaborate with teams using advanced file-sharing features.

All tecmint readers can [get 70% off on all Internxt lifetime plans](#). However, the company often has higher sales onsite that you can keep an eye on.



Internxt – Secure Cloud Storage

Summary

In this article, I have described free and open-source applications that I have found during the year 2023, and hope that it sparks your interest in one or more of them.

Would you like us to cover any of them in greater detail on this site? Have you found another great FOSS application that you would like to share with the rest of the community? Just let us know using the comment form below. Questions, comments, and suggestions are also welcome.

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Gabriel Cánepa

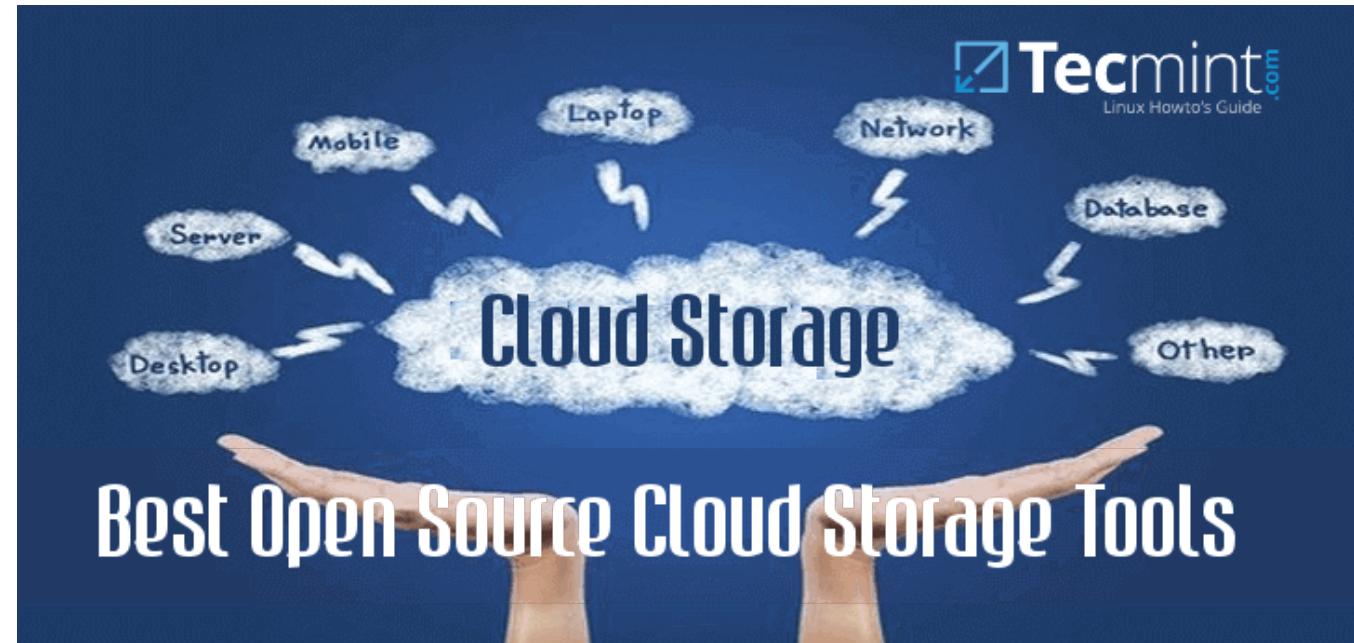
Gabriel Cánepa is a GNU/Linux sysadmin and web developer from Villa Mercedes, San Luis, Argentina. He works for a worldwide leading consumer product company and takes great pleasure in using FOSS tools to increase productivity in all areas of his daily work.

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Related Posts



16 Open Source Cloud Storage Software for Linux in 2024

```
GRUB version 2.06

load_video
set gfxpayload=keep
insmod gzio
linux ($root)/vmlinuz-5.14.0-427.26.1.el9_4.x86_64 root=/dev/mapper/rhel-ro\ot ro crashkernel=1G-4G:192M,4G-64G:256M,64G-:512M resume=/dev/mapper/rhel-\swap rd.lvm.lv=rhel/root rd.lvm.lv=rhel/swap rhgb quiet
initrd ($root)/initramfs-5.14.0-427.26.1.el9_4.x86_64.img $tuned_initrd
-
Minimum Emacs-like screen editing is supported. TAB lists
completions. Press Ctrl-x or F10 to boot, Ctrl-c or F2 for
the menu. Press Esc to quit and return to the previous screen.
```

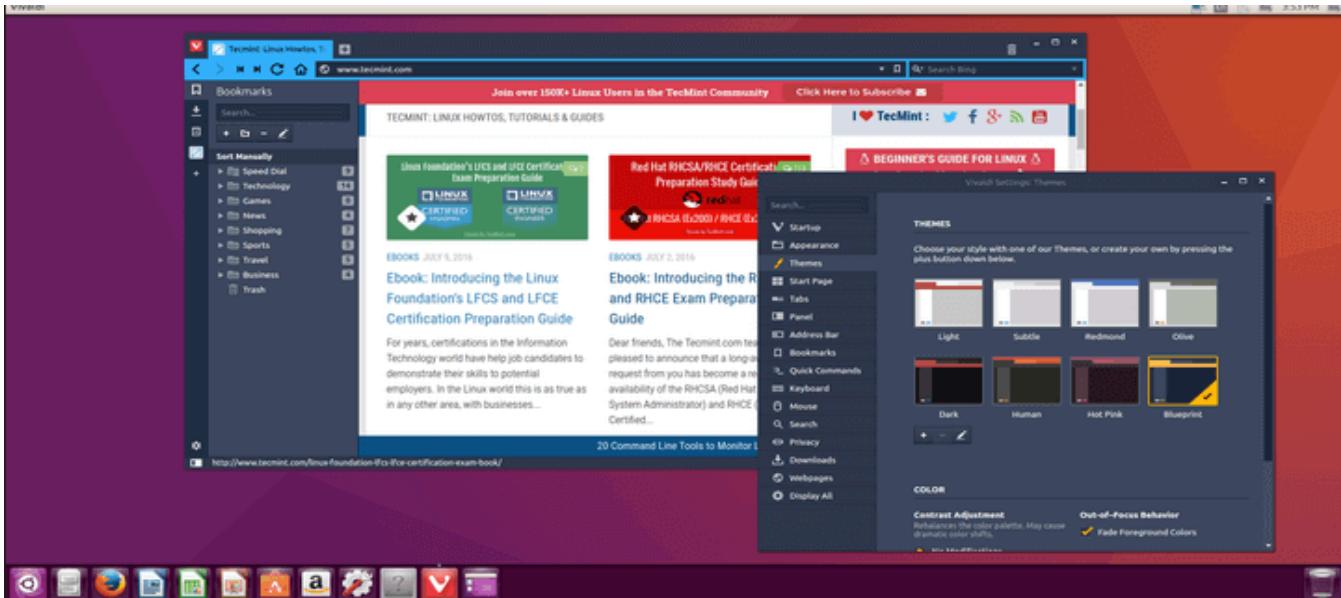
How to Hack Your Own Linux System



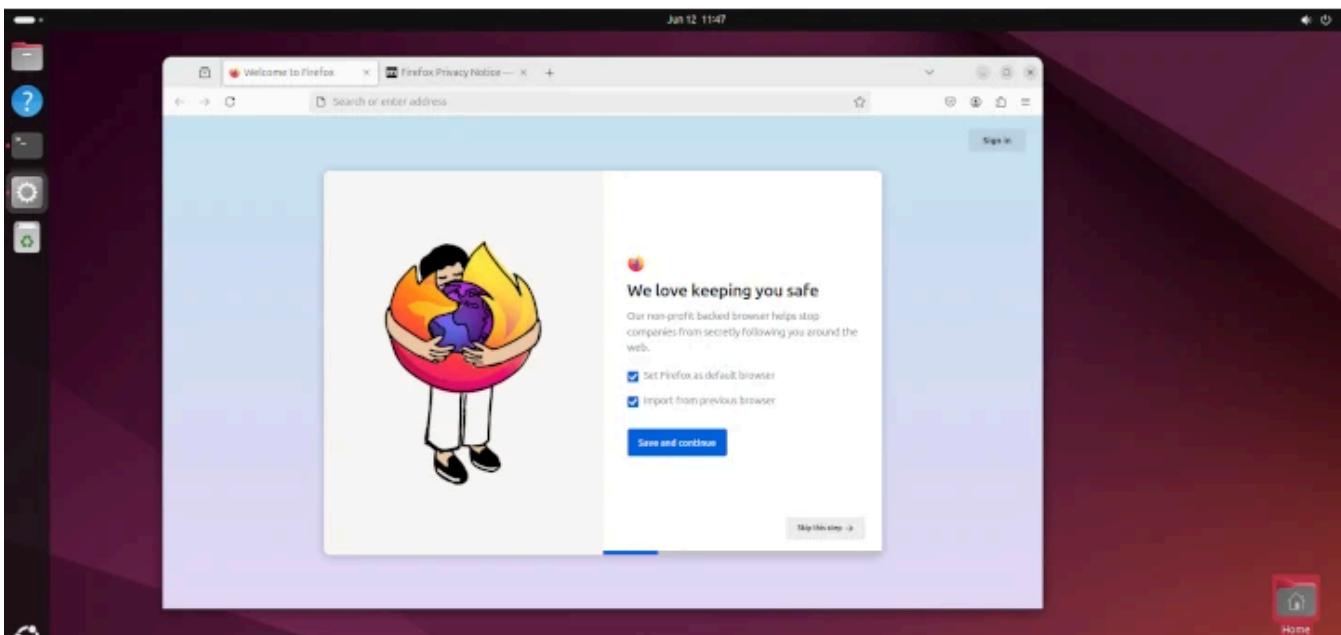
OBS Studio: Free Live Streaming & Screen Recording in Linux



OpenShot: Your Open-Source Video Editor for Linux



Vivaldi 6.8 Released – A Modern Classic Web Browser for Power-Users



Firefox 127 on Linux: New Features, Install Guide & More

124 Comments

[Leave a Reply](#)

Devnash

July 25, 2024 at 8:12 pm

check out Super Productivity tool, if u are using opentodo.

[Reply](#)



Jimmy Call

January 9, 2024 at 5:09 pm

aMule is great too for sourcing files.

[Reply](#)



Dave Lane

October 19, 2023 at 12:56 am

Thanks for this.

Just a note: OwnCloud and NextCloud are more or less the same thing (with the latter being a more advanced fork of the former).

Also, Microsoft VS Code is not open source. VS Codium is an open-source project (just as Google Chrome is the proprietary version of Chromium).

[Reply](#)

Predictor

January 9, 2024 at 1:52 pm

That is not correct.

Nextcloud diverged quite a lot from the same base code in recent years.

Owncloud focussed more on a B2B approach which you can see in their fully rewritten backend in Go.

Unfortunately, Owncloud was recently bought by Kiteworks, which is another confirmation that they want to focus on making the most money out of their customers.

<https://owncloud.com/news/owncloud-becomes-part-of-kiteworks/>

In the long run, owncloud for sure will change their licensing and in a few years will be dying a slow death.

Kiteworks won't put so much money/effort into developing it even further.

They just want to milk the cow as much as possible.

[Reply](#)



James

July 6, 2023 at 6:58 pm

Amazing I don't use even one of those must-have applications, and my computer still works for me!

[Reply](#)

FolksIT

September 7, 2021 at 3:44 pm

I have added some of the above applications according to my requirement thank you.

[Reply](#)

dragonmouth

March 17, 2021 at 5:09 am

Need yet another reason to convince you to give OSQuery a try? It was developed and is maintained by the folks at Facebook." AFAIC, that is hardly a recommendation. In fact, it is a very strong reason NOT to use it.

[Reply](#)

Kai

March 9, 2021 at 5:24 pm

Hi again,

Just a few comments. Nextcloud can do all the same as the LogicalDoc, plus a lot more.

OSQuery was a new app for me. I looked for more information about it and found Lynis at that point (<- available from a standard repo in several distros). That app (or script) doesn't have a fancy UI, but it might be useful for somebody else.

[Reply](#)

Kai**March 9, 2021 at 5:07 pm**

Nice article, but what you would think about replacing the Visual Studio Code link with a real open-source version of it that doesn't track the users? ->
(<https://vscode.com/>)

Otherways I could suggest GIMP (<https://www.gimp.org/>) for your list.

[Reply](#)**pinghajen****March 14, 2021 at 9:16 am**

If only you could turn the telemetry off (even though it's just telemetry and nothing more)

Oh wait, you can :)

[Reply](#)**Shipon Karmakar****February 19, 2021 at 4:51 pm**

Really very helpful, Thank you for sharing this information.

[Reply](#)

CodersNoon[December 24, 2020 at 11:41 am](#)

Can Linux run on a 2 GB ram computer?

[Reply](#)**Vitor**[July 17, 2023 at 10:24 pm](#)

Yes, it's perfectly possible. You just have to use a lightweight distro.

I recommend MX Linux because it's not only friendly to low-spec computers but also developed to be easy to use, even for beginners.

I have a small laptop/tablet with 2GB of ram and an atom cpu running mx linux fine. Just keep in mind that some tasks may be limited with low ram, like opening multiple apps at once, or having several browser tabs.

P.S: If you're more tech savvy, I recommend using the 32-bit versions of all apps you can, especially the browser, because it eats much less ram. To give you a real example, on the above-mentioned computer, I can only work with about 3 to 5 tabs in 64-bit Firefox without the system becoming sluggish, but in 32-bit Firefox, I can work with more than 10 tabs!

[Reply](#)**Nuff**[September 11, 2020 at 11:34 pm](#)

Hello, I've tried to install and run the Celestia app but I can't seem to get it running. What should I do? I'm on Ubuntu 18.04

[Reply](#)

Laveeza Ansari

September 8, 2020 at 4:37 pm

Thank you for this valuable list! Much needed!

[Reply](#)

 **Luc**

August 29, 2020 at 6:44 pm

Decent list, although some of these look like they are from 1990. It might be cool to have a list of some newer programs.

[Reply](#)

dragonmouth

August 24, 2020 at 6:34 pm

Curious. The title says "Best software I found in 2020" but the last comment is from May of 2018.

[Reply](#)**Kim Katerine**[August 22, 2020 at 10:56 am](#)

Great Work!

[Reply](#)**VPL**[August 5, 2020 at 6:26 pm](#)

Hello,

If you're searching packages with dnf, remember to put `-C` operator there.

```
# dnf search 'Package-name' -C
```

Searching by via cache files saves amount of time. More information about the program:

```
# dnf info 'Package-name' -C
```

If I look my install history it seems that I were stuck to the basics in 2019, same as before:

- Editing with vim + tmux + plugins, term: alacritty.
- pandoc for document conversions.

- Taskwarrior as time management which integrates well enough with my workflow.

Well I did find a webkitGTK web browsers such as Nyxt, Scheme programming language and GNU Guile.

Which I like: Integration with other tools (plumbing), scalability, Server/daemon type software.

[Reply](#)

dragonmouth

February 19, 2020 at 6:36 pm

@Flavio Veronese:

It depends on what you want to use Master PDF Editor for. If you want it for professional work, then you do have to pay. But then you might as well get Acrobat. The Master PDF Editor free version is quite satisfactory for home use.

[Reply](#)

Flavio Veronese

February 17, 2020 at 8:16 pm

What about PDFEdit?

This software was abandoned in 2012.

[Reply](#)

**Ravi Saive**[February 18, 2020 at 11:53 am](#)

@Flavio,

Any alternative to PDFEdit?

[Reply](#)**Flavio Veronese**[February 18, 2020 at 3:46 pm](#)

LibreOffice Draw is a powerful tool for editing multipage pdf files. Inkscape also works well but only manages single page pdfs.

[Reply](#)**Ravi Saive**[February 19, 2020 at 12:54 pm](#)

@Flavio,

LibreOffice Draw added to the list as suggested.

Thanks

[Reply](#)

dragonmouth**February 18, 2020 at 6:55 pm**

Master PDF Editor.

While it does not have all the bells and whistles of an Adobe product, it does the job of allowing users to manipulate PDFs. I've been using it for 3-4 years now and it has done everything I needed with PDFs.

[Reply](#)

Admin

**Ravi Saive****February 19, 2020 at 12:54 pm**

@Dragonmouth,

Master PDF Editor added to the list as suggested...

Thanks

[Reply](#)**Flavio Veronese****February 19, 2020 at 2:04 pm**

Please note that Master PDF Editor is neither open source nor free.

Erwin West**January 30, 2020 at 4:10 pm**

Great article!

You forget tmux I think...

<https://github.com/tmux/tmux/wiki>

sorry for my bad English...

[Reply](#)



Walk The Plank

January 21, 2020 at 11:20 pm

I like most of the list even though some of the apps are somewhat outdated. Visual Studio Code looks decent but I can guarantee you that absolutely nothing beats JetBrains. It's used by Valve, Google, NASA and pretty much all of the huge companies you can name.

I'm using only their PyCharm personally but they have pretty much all the tools you'll ever need and quite a lot of Git open-source projects that are really useful. Strongly suggest if not switching – at least giving it a try, this is one of the best things you can do to yourself.

I can't advise anything else though because this is the one I use exclusively. Here's a link if you want to check 'em out <https://www.jetbrains.com/>.

[Reply](#)

dragonmouth

January 4, 2020 at 7:29 pm

This must be a list of somebody's favorite programs. It has remained pretty much the same since it was first published in 2015. While it is possible for 20+ programs to remain the "best" for that long, it is highly improbable.

I am sure that in the past 4 years more than a few of these programs have been replaced by better ones. Maybe it is time for new "xx best Applications I have found for 2020" article rather than just re-publishing the same one every year.

[Reply](#)

Admin



Ravi Saive

January 6, 2020 at 11:30 am

@Dragnmouth,

I totally agree with you, but we have replaced and added a few new applications in the article. If you feel that this article to be updated with new applications, please suggest few so that we will update the article.

[Reply](#)



Michael Lauzon

January 6, 2020 at 11:52 am

Replaced and added new applications? I don't see anything new, I suggested MuseScore in 2016 because it's better than TuxGuitar, yet 4 years later TG is still on the list!

[Reply](#)

**Ravi Saive**[January 6, 2020 at 2:01 pm](#)

@Michale,

Added FlightGear and GNU Health. Also included MuseScore as suggested by you.

[Reply](#)**Paul**[January 2, 2020 at 3:50 pm](#)

Cool article – thanks for the list and I'll be sure to check out some of these apps in 2020 ;-)

[Reply](#)**Babbling Brooke**[September 12, 2019 at 3:25 am](#)

Lemon POS sounds like something you would call a lazy coworker.

"Get back to work, you Lemon POS!"

[Reply](#)

Ganesh

August 20, 2019 at 7:41 am

Really helpful article.

Thank you for sharing..

[Reply](#)

Cire Pogs

July 5, 2019 at 2:10 pm

Looking for open source system with customer, admin, supplier login portal..

Thank you

[Reply](#)

Friar Tux

June 8, 2019 at 4:21 am

One program missing here is **Cherrytree** – is one of those programs that replaces a whole mess of other apps/programs due to its versatility. I use it for all my writing/word processing needs – logbook, inventory, poetry, story/article/letter writing, address book/contacts list, recipe book, to do/task lists, project management, notebook, and much, much more. It's cross platform so I can use it on Windows or Linux without skipping a beat. I have yet to find a more useful, versatile program.

[Reply](#)

Admin

**Ravi Saive**[June 8, 2019 at 10:55 am](#)

@Friar,

Thanks for notifying about Cherrytree note taking application, we will include in the list..

[Reply](#)**il443**[December 27, 2018 at 2:21 pm](#)

Flightgear is also pretty awesome. Check out the space shuttle. There's lots of craft for anyone curious to dip their toes (gliders, paragliders, parachutists, pterosaur/dragon, balloons, learning planes like ercoupe, c172p/c182, j3 cub, helicopters like Alouette-III have AI copilot. c172p has a full tutorial, wiki has info and guides.). A lot of craft have autostart anyway, ctrl+u to add altitude. Stuff like the awesome weather system, possible physics are way better than commercial sims.

Ggraphics appear to be turned off for compatibility at the start. Try ALS renderer, detailed weather, turn up visuals and tweak environment menu.

[Reply](#)**xABBAAA**[December 26, 2018 at 7:26 pm](#)

Not interested into things you have found, it all looks like Windows after all....

[Reply](#)

Anon Y. Mouse

January 2, 2019 at 10:12 pm

Why even comment then retard, you are such a dumb, there was no need for you to even comment if you had nothing productive to say!!!

[Reply](#)

**Favach**

December 8, 2018 at 4:01 pm

Hi,

Thanks a lot..

We work on OWN CLOUD and Visual Studio Code is the best Code editor.

[Reply](#)

Gabriela

November 29, 2018 at 3:41 am

So many applications I had no idea about, yet they all seem being worth the try. I'd usually use Try Direct for new stacks. It helps to quickly try demo versions of new marketing tools which appear on the market everyday.

[Reply](#)



Ireen

November 20, 2018 at 9:33 pm

Thanks for the list, some interesting applications. Will give CodeMirror a try. Thanks!

[Reply](#)

Connie Thompson

November 5, 2018 at 10:10 am

We used LAN messenger, but unfortunately this is an abandoned project. The office migrated to Realpopup.

[Reply](#)

penerjemah

August 31, 2018 at 7:57 am

Thanks for this list. I would like to mention OpenKm and Otrs as two great software too.

[Reply](#)**Roll the ball**[May 16, 2018 at 7:22 am](#)

I really appreciate this post. I've been looking all over for this!

[Reply](#)**Eddie G.**[August 24, 2020 at 10:09 pm](#)

Nice list!!! will be checking some of these out! Thanks for the info! (and did you start this off with "as 2020 comes to a close"?....we still have quite a bit left of '20 dude!!!....(Sept/Oct/Nov & Dec!!)

[Reply](#)

Admin

**Ravi Saive**[August 25, 2020 at 9:04 am](#)

@Dragonmouth,

We update the old articles with new stuff regularly...

[Reply](#)

Gabriel[May 6, 2021 at 7:01 pm](#)

I love it when articles are updated, people should do it more often.

[Reply](#)**Shawn**[May 28, 2021 at 2:12 am](#)

Came to say the same thing.

**Vyom Srivastava**[April 4, 2018 at 12:19 am](#)

I'm using Ampache and seriously it's amazing. Love that software specially when you're a FOSS lover

[Reply](#)**Shavali**[March 14, 2018 at 5:38 pm](#)

We need Open Source Tools For Helpdesk Ticket of IT and Asset Management Tool.

[Reply](#)**Pavan Solapure**[March 6, 2018 at 11:56 am](#)

Does CodeMirror have any WordPress plugin? I am using Crayon Syntax Highlighter on my site and thinking CodeMirror can be the perfect replacement for it. Thanks for sharing the information.

[Reply](#)**Pratik Potnis**[February 26, 2018 at 7:57 am](#)

This a great lists of free software ! Will give freeRDP a try for sure. Thanks. If you want to add IDEs to the list, My personal favorite is PyCharm ! Lovely UI, excellent usability.

[Reply](#)**dragonmouth**[January 28, 2018 at 6:33 pm](#)

Instead of OwnCloud I would use NextCloud.

To manipulate PDF files, I use Master PDF Editor. It is part of the default install of the distro I am currently using, PCLinuxOS.

[Reply](#)**Hendrik Boom**[January 25, 2018 at 6:39 pm](#)

It may run on Linux and be very useful, but Visual Studio Code isn't free software. Its licence prohibits access to source code, with few exceptions.

[Reply](#)**Diego spano**[January 9, 2018 at 3:16 am](#)

Thanks for this list. I would like to mention OpenKm and Otrs as two great software too.

Regards from Argentina!

[Reply](#)**Fabio**[January 5, 2018 at 5:30 pm](#)

Very nice list. The Simple Screen Recorder is an awesome application, that I use often to record video tutorials. Some of the other applications I did not know, and I will try some of them surely.

Thank you!

[Reply](#)**Mordy**[January 5, 2018 at 4:50 pm](#)

Thanks

[Reply](#)**Abdul**[January 5, 2018 at 5:31 am](#)

Good Post. Learnt about some software that can be of great use.

Thank you.

[Reply](#)**Xavier**[January 5, 2018 at 4:29 am](#)

What about lazarus-ide.org?

[Reply](#)

Suleman

January 4, 2018 at 4:28 pm

Awsome article and well explained. I haven't used most of the softwares but will try them now.

[Reply](#)

Julian

January 5, 2018 at 11:32 am

This word does not exist. Say software packages or applications or programs.

[Reply](#)

dragonmouth

January 5, 2018 at 6:34 pm

Don't be a pedant, Julian. You obviously understood what Suleman meant. You can't expect everyone to be fluent in American English. Are you as fluent in any foreign language as Suleman is in English? The article is about open source applications, not about the literary merits of Hemingway's or Faulkner's writings. You and Brendan Horne should stick to the subject and not be nit-picking.

[Reply](#)

Sadick Sessah-Odai

October 11, 2017 at 2:48 pm

Can you please tell me more about this FOSS.

My lecturer asked as to look into because people are now making millions of dollars out of FOSS.

Tell me more about it, how i can join in FOSS.

Thank you.

[Reply](#)

Opensea

March 10, 2017 at 1:13 pm

Great info about the open source. Thank you.

[Reply](#)

Rishi

March 6, 2017 at 4:31 pm

Though I am not expert in game designing. But I use Microsoft version of blender to play and make animations. It does not need 64-bit OS like unity and Unreal. That's why blender is my favorite.

Except this, nice post. Thanks for sharing. Few are new to me and I am going to try them.

[Reply](#)**Manchun**[March 3, 2017 at 8:26 pm](#)

great information about the open source tools for open source web development

[Reply](#)**Ireen**[February 15, 2017 at 10:23 pm](#)

Thanks for the Atom tip. Will give it a try. Seems very useful.

[Reply](#)**Iulian Murgulet**[January 20, 2017 at 9:38 pm](#)

Hello Mr. Canepa, and to all. It will be interesting to tell to others WHY, all of this foss programs are the best ... With out any arguments about this topic ... your list has no credibility .

[Reply](#)

**Gabriel Canepe**[January 21, 2017 at 6:41 pm](#)

Hi – long time no talk! It's good to hear from you again, now on this site. IMHO, I DID explain WHY I included this program on this list. If you don't agree, please elaborate. Other readers don't seem to agree with you.

[Reply](#)**Iulian Murgulet**[January 30, 2017 at 3:15 pm](#)

Hi, yes, long time ago.....

You start with this "...it is time to bring you the best 10 Free and Open Source Software (FOSS) ". Ok now, for example, you say:

"OSQuery provides access to real-time system information in the form of tables and events that can be queried using SQL-like syntax via an interactive query console".

So, OSQuery is the best FOSS (in this area) because of SQL-like and so on! There FOSS tools can not do the same ? The same observation about FreeRDP.

"ownCloud as a private cloud solution to access and share your files, calendars and contacts". Because of that is the best ? I think is not a valid argument, to be "the best"!

"Other readers don't seem to agree with you." – this is not important if some of the readers are agree or not to me! Maybe they do not have time to wrote about my post, maybe they do not see what I can see, and so on. I see in many occasions, when a lot of people was wrong, and a few of them was on the right path ... ;)

Maybe, a title like "10 Useful/Interesting Free and Open Source Software (FOSS)

Programs I Found in 2016" was better!

Anyway, despite remarks, I do realize, that your FOSS list is at least interesting!

[Reply](#)

dragonmouth

February 19, 2017 at 8:43 pm

You're a troll, Julian.

You make comments just to cause trouble.

[Reply](#)

Xavier

January 5, 2018 at 4:31 am

Yes it is. And improves itself every day by extensions auto-updates



thamilarasan

January 8, 2017 at 2:22 pm

I like this pretty article, it grows my knowledge significantly, keep posting like this.

[Reply](#)

**Eldy**[December 29, 2016 at 4:20 pm](#)

I also discover Dolibarr a really complete ERP and CRM to manage your company. A very active project with a lot of add-ons.

[Reply](#)

Admin

**Ravi Saive**[July 4, 2023 at 4:07 pm](#)

@Eldy,

That's great to hear! Dolibarr is indeed a comprehensive ERP and CRM software solution that is worth considering for inclusion in this relevant lists.

[Reply](#)**dreis911**[December 28, 2016 at 10:06 pm](#)

Thanks for the update.

Just to inform you that Celestia is in the Ubuntu repository (for those who care).

Thanks.

[Reply](#)

Brenton Horne[December 1, 2016 at 3:00 pm](#)

I know that this is a minor point, but software is a collective and continuous noun, as opposed to a discrete noun (which would have a plural).

Apple is an example of a discrete noun). Hence there is no plural form of it, so “softwares” isn’t even a word. When I write blog posts I say, “pieces of software” if I need to make software plural.

Likewise, the program is a word similar (almost synonymous with software) that has a plural form, programs.

[Reply](#)**Gabriel A. Cánepa**[December 1, 2016 at 6:12 pm](#)

In my defense, the word “softwares” was not part of the original title of this article :).

@Ravi,

Please correct it as per Brenton’s suggestion.

Thanks!

[Reply](#)**dragonmouth**[June 19, 2017 at 2:59 am](#)

If you consider it such a minor point, Brenton Horne, why even bring it up? You, Sir, are a Grammar Nazi. :-)

This is a techie site run and maintained by non-English speakers, not a grammar site run and maintained by Oxford English professors. If you read their articles, there are more grievous transgressions than ending a word with an unnecessary letter. The technical information provided by the articles loses no value because of the occasional grammar or spelling errors.

[Reply](#)



Gabriel A. Cánepa

June 19, 2017 at 10:53 pm

What do you mean by "*If you read their articles, there are more grievous transgressions than ending a word with an unnecessary letter*"? Can you point out a few examples of such *grievous transgressions*?

[Reply](#)

dragonmouth

June 20, 2017 at 6:32 pm

"Can you point out a few examples of such *grievous transgressions*?"

I'd rather not but since you asked.... As I said, Tecmint is a technology site, not a literary site. So to focus on grammar, spelling and/or syntax (other than in sample commands) would be distracting. However, it would make the articles easier to read/understand if they were posted in idiomatic English. It is obvious by the phraseology and syntax that most of the articles are written by non-native-English speakers. It has been suggested by a few readers in the past that Tecmint should use a native-English speaker to edit the articles. The

response to these suggestions has been a deafening silence. The users were not told that "We are working on it" or "We will not do it because.....", they were just ignored.

Again I wish to reiterate that the value of the technological information overrides and shortcomings in the language.

[Reply](#)



Gabriel A. Cánepa

June 21, 2017 at 5:17 pm

Thank you for pointing this out. If you find grammar or any other type of errors under articles written by me, I will be more than glad to be corrected. I don't have much of a choice as to the title since that's the prerogative of the owner of this blog. But I am open to corrections and suggestions to improve. I was thinking that by *grievous transgressions* you mean serious errors in the content itself. Thanks again for your well-thought comment.

Julian

January 4, 2018 at 9:14 pm

@dragonmouth. This sounds Greek to me. Since when incorrect English is called "idiomatic" English?

dragonmouth

January 5, 2018 at 7:03 pm

@Julian:

Are you so knowledgeable in all the variants of the English language spoken natively in various countries around the world that you can state unequivocally which expression is idiomatic and which one incorrect? What may be correct in American English, may not be correct in Australian English or South African English or English spoken in India. George Bernard Shaw said that "America and England are two countries separated by the same language". The scope of that statement can be extended to include all other English-speaking countries.

Before you go Grammar Nazi on posters, you should realize that when people speak/write a foreign language, they tend to think in their native one and then translate into the foreign language. While in English a word like "softwares" may be incorrect, it may be perfectly correct in other languages.

Brenton Horne

[June 21, 2017 at 12:16 pm](#)

Yes I am a grammar Nazi, only mentioned it because I run a blog too and if I made a mistake like this I'd like to think someone would correct me. Besides if it is not corrected odds are the same mistake will be made again, learning can only happen if people are corrected when they make mistakes.

[Reply](#)



Gabriel A. Cánepa

[June 21, 2017 at 5:18 pm](#)

I don't think you're a grammar Nazi. I appreciate you taking the time to point out that typo. Besides, you were very polite when you did so. So thank you!

And feel free to continue doing so.

[Reply](#)

Admin



Ravi Saive

July 4, 2023 at 4:03 pm

@Breton,

Thank you for pointing that out. You are correct. "Software" is indeed a collective and non-count noun, which means it doesn't typically have a plural form. It is more appropriate to use phrases like "pieces of software" or "types of software" when referring to multiple software applications or programs.

[Reply](#)



Babin Lonston

June 14, 2016 at 3:00 am

Jaspersoft Studio is the reporting tool integrated by Red Hat into RHEV-Manager for creating awesome reports. Helped us lot lot...

[Reply](#)



Gabriel A. Cánepa

June 21, 2016 at 5:31 pm

@Babin,

Thank you for pointing that out. Your expert voice is most appreciated :).

[Reply](#)

Admin



Ravi Saive

July 4, 2023 at 4:00 pm

@Babin,

That's great to hear! Jaspersoft Studio is indeed a powerful reporting tool.

[Reply](#)



Michael

April 28, 2016 at 9:17 am

You may want to take a look at MuseScore, it's similar, albeit more advanced than TuxGuitar.

[Reply](#)



Gabriel A. Cánepa

May 3, 2016 at 6:11 pm

@Michael,

Thank you for the suggestion! We will keep it in mind.

[Reply](#)**Michael**

April 4, 2018 at 10:33 am

Never got a notification that you responded to my post on Tuesday, May 3, 2016; yet I got a notification about a comment that was just posted today [Tuesday, April 3, 2018]...very weird!

[Reply](#)

Admin

**Ravi Saive**

July 4, 2023 at 3:57 pm

@Michael,

Thank you for the suggestion! MuseScore is indeed a fantastic music notation software that offers more advanced features compared to TuxGuitar. I have added both of them to the list as suggested...

[Reply](#)**Celia Palacios**

April 1, 2016 at 8:43 pm

I loved the article, as I revealed new software or re-made software discovered that years ago he saw as LAN -Messenger.

I think it's not the classic list published each year with the same names forever. I congratulate you, Gabriel. Very well "cured" list!

Thank you.

[Reply](#)



Gabriel A. Cánepa

May 3, 2016 at 6:12 pm

@Celia,

Thank you for your kind words. Please help us spread the word by sharing this article in your social network profiles!

[Reply](#)

Tom

February 28, 2016 at 4:27 pm

Thank you for the links, Gabriel!

[Reply](#)



Balvinder Singh

February 8, 2016 at 1:17 pm

Great article, with some excellent software to use on Linux desktop.

[Reply](#)**Gabriel A. Cánepa**[May 3, 2016 at 6:14 pm](#)

@Balvinder,

Thank you for taking the time to comment on this post. Feel free to share!

[Reply](#)**Purushottam Kadam**[February 3, 2016 at 5:58 pm](#)

Awesome post I found some new software that haven't seen before...

[Reply](#)**Teeayeand**[January 9, 2016 at 1:48 pm](#)

Some of this new software is awesome definitely amazing. I also use Gimp and LibreOffice (I used Microsoft Word, Excel, etc alternative).

Thanks for sharing.

[Reply](#)**Allan – Ubuntu blog**

January 8, 2016 at 11:49 pm

Very good software recommendations, but I did not even know some of them...

Thank you

Allan

[Reply](#)

Admin

**Ravi Saive**

December 28, 2015 at 4:59 pm

@Jason,

Thanks for informing us, we already sent a legal notice to the admin of the website and the article has been taken down...

[Reply](#)**Jalal Hajigholamali**

December 20, 2015 at 10:24 am

Hi,

This a very nice article. A pleasure to read. Thank you.

Bests

[Reply](#)



Braden Best

December 17, 2015 at 4:07 am

Do you understand what Open Source means? Cause this...

3. Visual Studio Code

Tells me that you don't. VSC is distributed by Microsoft. First of all, that's an immediate red flag and a no-go for it being free as in freedom.

But is it at least Open Source, in the sense that you can see the source code? No. Even the Javascript is minified and obfuscated to hell with a big fat "ALL RIGHTS RESERVED" notice slapped on top of it.

It's literally the opposite of Open Source and everything the FSF stands for.

[Reply](#)



Braden Best

December 17, 2015 at 4:00 am

Visual Studio Code from Microsoft is included?

I don't think you understand what Open Source means, let alone the difference between Open Source and the FSF's definition of 'free' (Free as in freedom).

Microsoft does not make free software. They don't even make Open Source software. They are a company with the singular goal of profit, so why would they ever release their proprietary code?

Even the javascript found in the distribution is crushed down into a single line with the comment "Copyright Microsoft Corporation, all rights reserved." above it.

VSC is the exact opposite of open-source.

[Reply](#)



Gabriel Cánepa

December 18, 2015 at 10:14 am

@Braden,

A clarification is worthy and well.

vscode is released under an MIT License (recognized as compatible with the GPL, see <http://www.gnu.org/licenses/license-list.html>) and the source code is available on GitHub: <https://github.com/Microsoft/vscode>.

Visual Studio Code has a different license, and we will update this article to reflect the differences as explained here:

<https://github.com/Microsoft/vscode/issues/60#issuecomment-161792005>

Thanks for pointing that out.

[Reply](#)

Ananda Bhattacharjee

December 16, 2015 at 12:53 pm

Thank you very much for this article, I have found some wonderful software to use.

[Reply](#)

K. Ghosh

December 14, 2015 at 7:31 pm

Great article, lots of useful open-source software to use...

[Reply](#)

Uttam

December 14, 2015 at 4:34 pm

A very nice article. A pleasure to read. Thank you.

There are three other applications which I think are excellent, I use them daily; Libreoffice, Gimp, and Bluefish.

[Reply](#)

**Aaron Kili K**

December 14, 2015 at 3:59 pm

Thanks for the article, I have found some wonderful software to use.

[Reply](#)**Jane**

December 14, 2015 at 3:44 pm

Thanks for these tips – a good selection and I shall look forward to trying them out. We already use Libreoffice and Gimp on Linux Mint. I can't remember the last time I had to fire up my Windows 10 laptop!

[Reply](#)

Admin

**Ravi Saive**

July 4, 2023 at 3:46 pm

@Jane,

You're welcome! I'm glad the tips were helpful to you. If you have any more software recommendations, feel free to mention them here. I would love to add them to the article.

[Reply](#)

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