The Ultimate Guide to Open Source Software

The best open source downloads available for home users, enterprises, small business and other organisations

Curated and originally published by:

Reformatted by:

http://www.datamation.com/applications/the-ultimate-guide-to-open-source-software-1.html

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Accessibility

1. The Accessibility Project

Launched earlier this year, this site aims to provide information on making other websites accessible to people with a variety of impairments, particularly those who are blind. You can read the content at the link above; if you'd like to contribute, visit the project's GitHub page. Operating System: OS Independent

Accounting

2. Edoceo Imperium

This Web-based application tracks quotes, work orders, invoices, contacts, customers and vendors, as well as offering double-entry accounting capabilities. It also integrates with Google Calendar and other apps. Operating System: OS Independent

3. FrontAccounting

FrontAccounting includes both accounting and basic ERP planning that are suitable for small businesses. It supports multiple languages and currencies, as well as multiple businesses. Operating System: OS Independent

4. GnuCash

This flexible accounting package tracks your small business finances with double-entry accounting, and it can also track your personal finances, including your investment accounts. It also now comes with an Android app. Operating System: Windows, Linux, OS X, Android

5. LedgerSMB

Downloaded more than 57,000 times, this small business accounting package also incorporates some basic ERP and CRM functionality. Several third-party vendors offer commercial support and consulting. Operating System: Windows, Linux, OS X

6. osFinancials

This accounting solution offers invoices, customizable reports, stock control, point-of-sale capabilities and much more. Because it's developed by a team in the Netherlands, much of the documentation and support is in Dutch, but English is also available. Operating System: Windows, Linux

7. TurboCASH

Another accounting package built for SMBs, TurboCASH features stock control, general ledger, accounts receivable and payable, reporting and analysis capabilities. The site offers a great deal of guidance for those new to accounting, including a book available for purchase. Operating System: Windows

8. XIWA

Short for "Xiwa Is Web Accounting," this mature, Linux-only accounting program has been around since 1999. Key features include multi-user support, multi-company support, payroll, stock/investment tracking, reporting and more. Operating System: Linux

App Collection

9. OpenDisc

This project combines many of the most popular open source apps for Windows into one package. It includes LibreOffice, Firefox, Celestia, The Gimp, Inkscape, Dia, and many other very good open source progams. Operating System: Windows

Anti-Spam

10. ASSP

The self-proclaimed "absolute best SPAM fighting weapon that the world has ever known," ASSP sits on your SMTP servers to stop spam and scan for viruses. Features include browser-based setup, support for most SMTP servers, automatic whitelists, early sender verification, Bayesian filters, and more. Operating System: OS Independent

11. MailScanner

Downloaded more than 1.3 million times by users in 225 countries, MailScanner is a free e-mail security package for mail servers. It incorporates SpamAssassin, ClamAV and a number of other tools to block spam and mailware. Operating System: OS Independent

12. SpamAssassin

"The powerful #1 open-source spam filter," SpamAssassin uses header and text analysis, Bayesian filtering, DNS blocklists, collaborative filtering databases and other techniques to block spam. The project is managed by the Apache Foundation, and it's been incorporated into a number of other open source and commercial products. Operating System: primarily Linux and OS X, although Windows versions are available

13. SpamBayes

As you might guess from the name, this project offers a group of Bayesian filters for blocking spam. The site includes versions for Outlook, Outlook Express, Windows Live Mail, IncrediMail, Thunderbird, Gmail, Yahoo Mail and others. Operating System: OS Independent

Anti-Spyware

14. Nixory

Nixory removes and block malicious tracking cookies, aka spyware, from your system. It supports Mozilla Firefox, Internet Explorer and Google Chrome, and it won't slow your system while you surf. Operating System: OS Independent.

15. Hijack This

Downloaded more than 1.2 million times, Trend Micro's Hijack This provides you a report of your registry and file settings so that you can more easily spot and remove spyware and malware. Note that in order to use this tool effectively, you'll need to be a fairly knowledgeable user. Operating System: Windows

Anti-Virus/Anti-Malware

16. ClamAV

This tremendously popular anti-virus engine has been incorporated into numerous security products and calls itself "the de facto standard for mail gateway scanning." The open source version runs on UNIX or Linux mail servers, but the website also offers a version called Immunetfor individual Windows PCs. Operating System: Linux

17. ClamTK

ClamTK makes ClamAV a little bit easier to use by providing a graphical interface for the anti-virus engine. Like the original ClamAV, this one runs on Linux and scans "on demand" only, not in real-time. Operating System: Linux

18. ClamWin Free Antivirus

Based on ClamAV, ClamWin protects more than 600,000 PCs from viruses and malware. Note that unlike most commercial anti-virus packages, ClamWin does not offer an on-access real-time scanner; in order to scan incoming files, you'll need to save them and then run a scan manually before opening or running the files. Operating System: Windows

19. P3Scan

P3Scan provides anti-virus and anti-spam protection for mail services only (not Web surfing). With it you can set up a transparent proxy server. Operating System: Linux

20. Rootkit Hunter

This no-frills tool scans for rootkits and other malware on Linux system. While it does not provide live or scheduled scanning, the Web site explains how to set up your system to scan daily. Operating System: Linux, Unix

21. Viralator

Still getting the occasional network virus even after you install anti-virus software? Viralator supplements the existing anti-virus software on your proxy server to block malware that might otherwise slip in when users access free webmail accounts. Operating System: Linux, Unix

Astronomy

22. Celestia

If you've ever wished you were an astronaut, give Celestia a try. It allows you to see the skies as they would appear at any point in time from any point in the known universe. Operating System: Windows, Linux, OS X

23. KStars

Similar to Stellarium, KStars lets users view "up to 100 million stars, 13,000 deep-sky objects, all 8 planets, the sun and moon, and thousands of comets and asteroids." It also includes a number of tools helpful for amateur astronomers, such as an observation list, an FOV editor, a sky calendar, supernova alerts and a glossary of technical terms. (Note that in order to use KStars on Windows, you'll have to download KDE for Windows.) Operating System: Windows, Linux

24. PP3

Science teachers often need to reproduce star charts for use during class lectures, as well as for handouts and tests. This app works with LaTeX, to simplify the process of creating star charts for use in presentation slides or for printing. Operating System: Windows, Linux

25. StarChart

StarChart describes itself simply as a program that "draws maps of things in the sky." Like PP3, it does a good job of producing high-quality star charts for study purposes. Operating System: Linux

26. Stellarium

Many planetariums use Stellarium to power their presentations, but you can also use it at home. It will show you the position of heavenly bodies as seen from any point on earth at any time. Operating System: Windows, Linux, OS X.

Audio Tools

27. Amarok

This full-featured music player integrates with a wide variety of Web audio services. The latest release adds an updated interface, a new visualisation tool, smooth fade-out when pausing music, enhanced MusicBrainz tagging and improved power management. Operating System: Windows, Linux, OS X, iOS

28. Aqualung

Aqualung's claim to fame is gapless playback, in other words, no awkward pauses between adjacent tracks. It supports most audio formats and plays CDs. Operating System: Windows, Linux, OS X

29. Ardour

Ardour is an advanced, professional-grade digital recording, editing and mixing tool. It supports most hardware and offers features like flexible recording, unlimited multi-channel tracks, unlimited undo/redo, easy import and export, tools for creating video soundtracks and more. Operating System: Linux, OS X

30. aTunes

This Java-based music player and manager displays complete information—including lyrics—for the song currently playing. It's a good option for users with particularly large music collections. Operating System: OS Independent

31. Audacious

Audacious is very light on system resources, making it possible to play music and do intensive computing tasks without sacrificing performance. The interface is basic and very easy to use. Operating System: Windows, Linux

32. Audacity

A perennial favorite among Linux users, Audacity makes it easy to record and edit multi-track audio. It's ideal for hobbyists who want an intuitive product that also includes some of the high-tech features you would find in an application designed for professionals. Operating System: Windows, Linux, OS X

33. AC3Filter

This audio decoder and processor filter allows media players to play AC3 and DTS audio tracks from movies. It also allows you to mix audio tracks and adjust sound quality. Operating System: Windows

34. Bluemindo

Bluemindo "aims to provide a very simple audio player." It's customizable, Web-oriented and available in multiple languages. Operating System: Linux

35. CDex

Downloaded more than 45 million times, CDex is a very popular tool for extracting the digital data from audio CDs and converting it to an MP3 or other compressed formats. It supports many different encoders and multiple languages. Operating System: Windows

36. Cdrtools

For those who are comfortable working from the command line, CDRtools is a collection of apps for converting and recording CDs, DVDs and Blu-Ray. Under development since 1996, this is a mature tool that has been around a long time. Operating System: Linux

37. cdrtfe

This utility can burn data discs, audio CDs, XCDs, (S)VCDs and video DVDs. It provides the same functionality as CDRtools, but runs on Windows. Operating System: Windows

38. Clementine

A fork of Amarok, Clementine boasts a fast and easy-to-use interface. It plays audio CDs, locally stored music, streaming Internet radio and podcasts. Operating System: Windows, Linux, OS X, Android

39. CoolPlayer

Designed to be super fast, CoolPlayer is extremely light on system resources. It doesn't have all the advanced music management features in many other applications, but it does play most audio formats. Operating System: Windows

40. DeaDBeeF

Named for a magic number used in debugging, DeaDBeeF aims to be the "ultimate music player for GNU/Linux." It also now comes in an Android version. Operating System: Linux, Unix, Android

41. Decibel

Similar to Bluemindo, Decibel is a simple audio player without other features like content tags and CD burning. Its modular structure makes it easy to disable any unwanted features to free up resources. Operating System: Linux

42. EasyTAG

EasyTAG allows users to view and edit the tag fields on MP3, MP2, MP4/AAC, FLAC, Ogg Vorbis, MusePack, Monkey's Audio, and WavPack files. It includes a tree-based browser and CDDB support for manual and automatic searches. Operating System: Windows, Linux

43. Free:ac

Its name is short for "free audio converter," and free:ac can transform CDs or digital audio files into MP3, MP4/M4A, WMA, Ogg Vorbis, FLAC, AAC, WAV and Bonk formats. It's optimized for multi-core systems, making it particularly fast, and it also runs from a thumb drive. Operating System: Windows

44. Frinika

Java-based Frinika calls itself a "complete music workstation software containing sequencer, midi support, soft synthesizers, audio recorder, piano roll/tracker/notation editing and more." It's another good option for home users. Operating System: OS Independent

45. Hydrogen

Turn your Linux/Unix system into a full-featured drum machine. The latest version includes a sample editor, time stretch and pitch functions, playlists, a director window with a visual metronome and more. Operating System: Linux

46. Jajuk

Popular with reviewers, Jajuk makes it easy to sort, search and view large audio libraries. It combines an intuitive interface with advanced features, making it suitable for both light users and power users. Operating System: OS Independent

47. Jukes

Designed for DJs and "serious music lovers," Jukes began life as a Windows application called "Put Up Your Jukes." It's since been re-written and released for multiple platforms, but it hasn't been updated in a while. Operating System: Windows, Linux, OS X

48. Juice

Juice makes it easy to capture and listen to podcasts, any time, anywhere. It includes a directory of thousands of online podcasts, so it's also easy to find the one you want. Operating System: Windows, Linux, OS X

49. KMid

This KDE app plays both Midi and karaoke files, making it easy for you to serenade your sweetheart. It includes a piano player interface and also accepts input from external keyboards. Operating System: Windows

50. LAME

Although LAME stands for "Lame Ain't No MP3 Encoder," the first line on its Web site states, "LAME is an MPEG Audio Layer III (MP3) encoder." It was intended as an educational tool for those interested in improving the speed and quality of MP3 files. Operating System: Windows, Linux, OS X

51. Linux MultiMedia Studio

Designed as a free alternative to FL Studio, LMMS allows users to create melodies and beats, synthesize and mix sounds, and arrange samples. It works with MIDI keyboards and comes with a lot of built-in plugins, presets and samples. Operating System: Windows, Linux

52. Mp3dj

This Java-based app also supports audio files only. Use it to search, browse and play your MP3 collection from any Internet-connected device. Operating System: Windows, Linux, OS X

53. Mixere

An older project that hasn't been updated in a while, Mixere boasts a simple, spreadsheet-style interface. It offers similar capabilities as Mixx, but it isn't quite as advanced. Operating System: Windows

54. Mixxx

Designed for DJs performing live, Mixx boasts a powerful mixing engine that supports most popular audio file formats. Other key features include iTunes integration, BPM detection and sync, and support for more than 30 different MIDI controllers. Operating System: Windows, Linux, OS X

55. MOC

Simply select a directory, and the MOC (Music On Console) audio player will play all files in that directory. Supported file formats include MP3, Ogg Vorbis, FLAC, Musepack, Speex, WAVE, AIFF, and AU. Operating System: Linux/Unix, OS X

56. [Moosic](#)

This music player caters to those who prefer to operate from the command line and does not have a GUI. It's a client-server application that plays most common audio formats. Operating System: Linux/Unix

57. [MP3Gain](#)

Tired of constantly adjusting the volume when playing MP3s? MP3Gain uses statistical analysis to gauge how loud songs sound in the human ear, and then modifies the volume appropriately without degrading the quality of playback. Operating System: OS Independent

58. [Mp3splt](#)

Mp3splt is an audio utility that does just one thing—it lets you cut mp3 and ogg files into smaller files and rename them. It's especially useful if you need to split an entire album into individual tracks. Operating System: Windows, Linux, OS X

59. [MuseScore](#)

There's no need to spend hundreds of dollars on software that creates sheet music. MuseScore makes it easy to "create, play and print beautiful sheet music," and it's absolutely free. Operating System: Windows, Linux, OS X

60. [orDrumbox](#)

Java-based orDrumbox includes features like auto-composition, poly-rhythms, an unusual arpeggiator, automatic sounds/track matching, custom softsynths, lowfi rendering and more. There's a "lite" online version so you can try it out before you download. Operating System: Windows, Linux, OS X

61. [Qmmp](#)

This simple, skinnable audio player supports dozens of audio formats. Its name stands for "Qt-based multimedia player." Operating System: Windows, Linux

62. [Radio Downloader](#)

If your favorite online radio station only offers streaming content, you can turn it into a podcast you can listen to any time with Radio Downloader. It comes with built-in support for BBC content and a helpful "favourites" tab. Operating System: Windows

63. [Rhythmbox](#)

Inspired by iTunes, Rhythmbox is a music management system designed for the Gnome desktop. Key features include easy search and sort, visualisations, Internet radio, CD playing and burning, playlists and more. Operating System: Linux

64. [SoX](#)

The "Swiss Army knife of sound processing programs," SoX can convert audio files to and from most file formats and add special effects. It's a command line program, so you'll need to be comfortable working without a GUI to use it. Operating System: Windows, Linux, OS X

65. TEncoder

Based on FFMpeg, MEncoder and MPlayer, TEncoder is a multi-threaded multimedia converter that supports most file formats. It can run up to eight processes simultaneously and can run two passes to improve quality on converted files. Operating System: Windows

66. TuxGuitar

TuxGuitar lets you create and playback tab scores. Features include multi-track display, auto-scroll, effects and import/export to popular audio file formats. Operating System: Windows, Linux, OS X

67. WaveShop

Lightweight WaveShop boasts "bit-perfect" performance, meaning that samples aren't changed unless necessary. Noteworthy features include unlimited undo, normalizing, fading, sample rate conversion, audio generation, plug-ins and peak, RMS and spectral analysis. Operating System: Windows

68. xwax

This app is a vinyl emulator that allows DJs to "scratch" digital tracks as if they were on vinyl records. Supported features include needle drops, pitch changes, scratching, spinbacks and rewinds. Operating System: Linux

69. Zinf

Zinf offers a simple audio player with powerful capabilities. It supports a wide variety of file formats, and a number of different interface themes are available. Operating System: Windows, Linux

Backup

70. AMANDA

Short for "Advanced Maryland Automatic Network Disk Archiver," AMANDA allows organisations to backup their networks to tape, disk or optical media. A company called Zmanda now sponsors the project and offers cloud-based backup based on AMANDA. Operating System: Windows, Linux, OS X

71. Areca Backup

While AMANDA offers network-based backup for businesses, Areca is a good option for home users backing up a single system. Key features include encryption, compression, delta backup support, filters, as-of-date recovery, email reports and more. Operating System: Windows, Linux

72. BackupPC

This enterprise-grade network backup solution offers fast performance with minimal I/Os. It uses pooling and compression to minimize the size of backup files, and it offers advanced management features for IT administrators. Operating System: Windows, Linux

73. Bacula

Designed for enterprises, this network backup solution offers highly advanced capabilities and claims to be the most popular open source backup solution available. A group called Bacula Systems offers paid support for users who want it. Operating System: Windows, Linux, OS X

74. Clonezilla

Clonezilla's developers originally envisioned this app as a free replacement for Norton Ghost. It offers backup, recovery and cloning capabilities for networks or standalone systems with multicasting available in the SE edition. Operating System: Linux

75. Create Synchronicity

At just 220KB, this backup tool for home users is exceptionally lightweight and fast. It supports multiple languages and includes an easy-to-use scheduling tool. Operating System: Windows

76. FOG

FOG is a networked-based cloning tool that can backup Linux and Windows systems to a Linux server. It's powerful, easy to use, and scalable with the ability to back up 2 to 20,000 systems. Operating System: Linux, Windows

77. Partimage

Partimage can back up standalone systems, networks or disk partitions. According to the website, it's advantages include its fast performance, destination flexibility, fast and simple restores, and no recovery of deleted files. Operating System: Linux

78. Redo

Aimed at home users, Redo Backup and Recovery boasts very simply operation and bare-metal restores that take as little as 10 minutes. It's a very popular option that's been downloaded more than 750,000 times. Operating System: Windows, Linux

79. UrBackup

This client-server backup software promises backups that don't interfere with your current work and fast restores. It includes a Web interface to simplify the process of setting up your backup server. Operating System: Windows, Linux

Big Data Tools

80. Avro

Apache Avro is a data serialisation system based on JSON-defined schemas. APIs are available for Java, C, C++ and C#. Operating System: OS Independent

81. BigData

This distributed database can run on a single system or scale to hundreds or thousands of machines. Features include dynamic sharding, high performance, high concurrency, high availability and more. Commercial support is available. Operating System: OS Independent

82. Chukwa

Built on top of HDFS and MapReduce, Chukwa collects data from large distributed systems. It also includes tools for displaying and analyzing the data it collects. Operating System: Linux, OS X

83. Flume

Another Apache project, Flume collects, aggregates and transfers log data from applications to HDFS. It's Java-based, robust and fault-tolerant. Operating System: Windows, Linux, OS X

84. Hadoop

Apache's Hadoop project offers distributed processing of extremely large data sets and is popular with organisations that operate cloud environments. Well-known users include Yahoo, Amazon, eBay, AOL, Facebook, Google, Hulu, Spotify and many others. Operating System: Windows, Linux, OS X.

85. HPCC

Developed by LexisNexis Risk Solutions, HPCC is short for "high performance computing cluster." It claims to offer superior performance to Hadoop. Both free community versions and paid enterprise versions are available. Operating System: Linux.

86. Lucene

The self-proclaimed "de facto standard for search libraries," Lucene offers very fast indexing and searching for very large datasets. In fact, it can index over 95GB/hour when using modern hardware. Operating System: OS Independent

87. MapReduce

Originally developed by Google, the MapReduce website describes itself as "a programming model and software framework for writing applications that rapidly process vast amounts of data in parallel on large clusters of compute nodes." It's used by Hadoop, as well as many other data processing applications. Operating System: OS Independent.

88. Oozie

This Apache project is designed to coordinate the scheduling of Hadoop jobs. It can trigger jobs at a scheduled time or based on data availability. Operating System: Linux, OS X

89. Solr

Solr is an enterprise search platform based on the Lucene tools. It powers the search capabilities for many large sites, including Netflix, AOL, CNET and Zappos. Operating System: OS Independent

90. Sqoop

Sqoop transfers data between Hadoop and RDBMSes and data warehouses. As of March of this year, it is now a top-level Apache project. Operating System: OS Independent

91. Storm

Now owned by Twitter, Storm offers distributed real-time computation capabilities and is often described as the "Hadoop of realtime." It's highly scalable, robust, fault-tolerant and works with nearly all programming languages. Operating System: Linux

92. Terracotta

Terracotta's "Big Memory" technology allows enterprise applications to store and manage big data in server memory, dramatically speeding performance. The company offers both open source and commercial versions of its Terracotta platform, BigMemory, Ehcache and Quartz software. Operating System: OS Independent.

93. Zookeeper

Formerly a Hadoop sub-project, Zookeeper is "a centralized service for maintaining configuration information, naming, providing distributed synchronisation, and providing group services." APIs are available for Java and C, with Python, Perl, and REST interfaces planned. Operating System: Linux, Windows (development only), OS X (development only)

Billing

94. Argentum

Web-based Argentum tracks clients and billable hours, as well as generating invoices for you each month. Installation assistance, commercial support and a hosted version are also available. Operating System: OS Independent

95. jBilling

Downloaded more than 120,000 times, jBilling claims to be "world's leading open source enterprise billing solution." It's particularly good for subscription-based billing, and notable customers include Deutsche Telecom, Constant Contact and Rackspace. In addition to the free version, paid support and services are available. Operating System: OS Independent

96. Simple Invoices

Popular with small companies and non-profits, this browser-based invoicing system aims to be easy to use. Host it yourself for free or contact one of the third-party hosting providers listed on the site. Operating System: OS Independent

97. Siwapp

This invoicing app tries to be simple, straightforward, comfortable, useful, pretty, flexible, productivity-oriented, secure, supported and usable anywhere. Plenty of screenshots and a demo are posted on the site so that you can see how it works before you download it. Operating System: OS Independent

Blogging

98. B2evolution

This blog platform/content management system can support multiple blogs, multiple domains and multiple authors. It's extensible with skins and plug-ins, and the site offers a demo and links to sample sites. Operating System: OS Independent

99. LifeType

With built-in multi-user authentication and multi-blog support, LifeType offers a blogging platform suitable for large enterprises. Key features include anti-spam filter, mobility support, integrated media management, easy installation and more. Operating System: OS Independent

100. Nucleus CMS

It bills itself as a Content Management System, but in reality Nucleus is primarily a tool for setting up a blog and hosting it on your own server. Features include a built-in commenting tool, URLs optimized for readers, and multi-lingual support. Operating System: OS Independent

101. [WordPress](#)

Used by more than 60 million bloggers, WordPress is one of the best known blogging applications available. You can download the software for free and host it on your own Web server or you can use the hosted service available through [WordPress.com](#) Operating System: OS Independent

Book

102. [Probabilistic Programming & Bayesian Methods for Hackers](#)

This is something new—an open source book on programming written in Python. And because it's open source, anyone can contribute, and the book keeps getting updated and improved. Operating System: OS Independent

Browsers

103. [Chromium](#)

The open source version of Google Chrome, Chromium tends to be faster and more secure than competing browsers. Key security features include sandboxing, automatic updates, SafeBrowsing and more. Operating System: Windows, Linux, OS X

104. [Dooble](#)

Dooble's developers have created this newer browser with an eye on safety and ease of use. Unlike most other browser, it automatically encrypts all traffic for greater privacy and security. Operating System: Windows, Linux, OS X

105. [Firefox](#)

Available in both mobile and desktop versions, Firefox offers better speed, personalisation and security than Microsoft's browser. Key features include the "Awesome Bar" for easier Web searches, tabbed browsing, one-touch bookmarking and more. Operating System: Windows, Linux, OS X, Android

106. [Qt Web Browser](#)

Based on Nokia's Qt framework and Apple's WebKit rendering engine, this browser was designed to be lightweight, secure and portable. It's just 6MB, and it offers a highly customizable interface and a long list of privacy-protection features. Operating System: Linux, OS X.

107. [SRWare Iron](#)

Based on the same Chromium code that underlies the Chrome browser, SRWare Iron aims to offer the performance benefits of Chrome with enhanced security and privacy protection. Unlike Chrome, it doesn't send any tracking, address bar or download data to Google. Operating System: Windows, Linux, OS X.

108. [Tor Browser](#)

The Tor project protects anonymity online by sending communications through a distributed network of relays so that it cannot be traced. This browser is used by many journalists, activists, military organisations and others who need to remain completely anonymous online. Operating System: Windows, Linux, OS X

Bugtrackers

109. [BugTracker.NET](#)

Boasting thousands of users, BugTracker.NET is easy to use and highly configurable. It supports Subversion, Git, and Mercurial, and the website includes a helpful demo and a link to comparisons of various bug tracking systems. Operating System: Windows

110. Bugzilla

Used by thousands of organisations, including Mozilla, Facebook, the Linux kernel, the Apache Project, The New York Times, Yahoo and NASA, Bugzilla makes it easy for software development teams to track issues and code changes. It's Web-based and offers advanced search capabilities, e-mail notifications, reporting, excellent security, custom fields and workflow, and more. Operating System: Windows, Linux, OS X

111. FlySpray

FlySpray describes itself as "an uncomplicated, Web-based bug tracking system written in PHP for assisting with software development." It supports multiple databases, including MySQL and PGSQL, and it's easy to use. Operating System: OS Independent

112. GNATS

The GNU project's bug tracking system stores issue and resolution information in a central searchable database and communicates with users via a variety of mechanisms. Although it's usually accessed via the EGnatsweb Web interface, it can also be accessed via the command line, Emacs, e-mail or a network daemon. Operating System: OS Independent.

113. MantisBT

This Web-based bug tracker integrates with most SQL databases and can be accessed with any browser. It's easy to install and has an enormous list of features. Operating System: Windows, Linux, OS X

Business Intelligence (BI)

114. BIRT/Actuate

Short for "Business Intelligence and Reporting Tools," BIRT is an Eclipse-based tool that adds reporting features to Java applications. Actuate is a company that co-founded BIRT and offers a variety of software based on the open source technology. Operating System: OS Independent.

115. ERP BI

Designed for enterprises that use open source ERP systems including PostBooks and XTuple ERP, this project offers business intelligence tools that extend the capabilities of those ERP solutions. It's based on the community edition of Pentaho. Operating System: Windows, Linux, OS X

116. Jaspersoft

Open source business intelligence software compares very favorably with the closed source versions, and Jaspersoft is one of the most popular. According to the company, more than 500 customers are using its business intelligence tools on Amazon's cloud for a total cost of less than $1 per hour. Operating System: OS Independent

117. Jedox

Formerly known as Palo BI, Jedox provides planning and forecasting, reporting and analysis, sales management, procurement management and project management. The open source "Base" version is available with a free license, and more full-featured commercial versions are also available. Operating System: OS Independent

118. JMagallanes

This reporting tool creates both static and dynamic reports, swing pivot tables and charts. It can import data from multiple types of sources, including SQL, Excel and XML. Operating System: OS Independent

119. KNIME

The Konstanz Information Miner, or KNIME, offers user-friendly data integration, processing, analysis, and exploration. In 2010, Gartner named KNIME a "Cool Vendor" in analytics, business intelligence, and performance management. In addition to the open source desktop version, several commercial versions are also available. Operating System: Windows, Linux, OS X

120. OpenI

This business intelligence platform boasts that it can take you from "data to insights in 72 hours with open source." OpenI solutions can be deployed on premises or on Amazon Web Services' cloud. Operating System: OS Independent.

121. Pentaho

Pentaho offers a range of commercial analytics and big data products, and counts Lufthansa, Telefonica and Marketo among its customers. Information about the open source community version can be found at community.pentaho.com. Operating System: Windows, Linux, OS X

122. SpagoBI

SpagoBI claims to be "the only entirely open source business intelligence suite." Commercial support, training and services are available. Operating System: OS Independent

Business Process Management (BPM)

123. Activiti

This project offers a lightweight, Java-based business process management platform. It aims to meet the needs of both business people and software developers. Operating System: OS Independent

124. Bonita Open Solution

Users of this BPM solution include Directv, Trane, the governments of France and the Canary Islands, and Konica Minolta. In addition to the open source version, it comes in teamwork, efficiency and performance subscription packs. Operating System: OS Independent

125. Intalio BPMS

The "world's most widely deployed Business Process Management System," Intalio BPMS comes in community and enterprise editions. The same company also offers IntalioBPM, a cloud-based version based on the same underlying technology. Operating System: Windows, Linux

126. ProcessMaker

ProcessMaker bills itself as the "#1 open source workflow and BPM software." It's available in paid cloud, on-premise enterprise and SugarCRM editions, as well as the free community version. Operating System: Windows, Linux

127. uEngine

The uEngine BPM suite includes three separate components: BPM Foundation with a process engine and modeling tool; the process portal with personalisation, single sign-on, and dashboard capabilities; and the BP Analyzer with OLAP analyzing and charting abilities. It supports multiple languages, including English, but because it is developed by a Korean company, parts of the Web site and interface sound strange to native English speakers. Operating System: OS Independent.

CAD

128. Archimedes

Java-based Archimedes is a bare-bones CAD system that's suitable for some architects and students. Note that it's not nearly as full featured as either AutoCAD or BRL-CAD. Operating System: Windows, Linux, OS X

129. BRL-CAD

Used by the U.S. military for more than twenty years, BRL-CAD is a mature solid geometry modeling and editing package. It includes more than 400 tools, utilities, and applications that assist with design and analysis of vehicles, mechanical parts, and architecture, as well as radiation dose planning, medical visualisation and education. Operating System: Windows, Linux, OS X, others

130. FreeCAD

This parametric modeling tool was built with mechanical engineers and product designers in mind. It supports most industry-standard CAD file formats. Operating System: Windows, Linux, OS X, others

Charts

131. Chartdroid

Chartdroid offers developers a native chart engine for Android. It creates bar, donut, line, pie and scatter charts and graphs. Operating System: Android

132. GraphViz

Another alternative for creating network diagrams, GraphViz lets you use simple text or GXL (a variant of XML) to describe charts, and then it does the drawing work for you. See the Gallery for examples of the types of graphics it can create. Operating System: Windows, Linux, OS X.

133. HighCharts

Although the project is only a few years old, this JavaScript-based charting library counts IBM, NASA, Siemens, HP, EMC, CBS, Hitachi, Ericsson, BMW, Nissan, Sony and MasterCard among its customers. It's available with an open source license for non-commercial use or a fee-based license for commercial use. Operating System: OS Independent

Chemistry

134. Avogadro

For more advanced students and professional chemists, Avogrado offers an intuitive interface for creating visualisations of molecules. The website also includes some tips for educators on integrating Avogadro into the classroom. Operating System: Windows, Linux

135. Jmol

This java-based app lets students create diagrams of atoms, molecules, macromolecules, crystals, and more. The site includes a handbook and tutorials for helping you learn how to use the software. Operating System: OS Independent.

136.Kalzium

Need help with introductory chemistry? This KDE app allows students to explore the periodic table, and it comes complete with a molecular weight calculator, an isotope table, a 3D molecule editor and an equation solver for stoichiometric problems. (Note that in order to use Kalzium on Windows, you'll have to download KDE for Windows.) Operating System: Windows, Linux

137. ProtoMol

ProtoMol is a framework for molecular dynamics simulation. It's designed to be highly flexible, easily extensible, and to meet high performance demands. Operating System: Linux, Unix, Windows.

Classroom Management

138.iTALC

Intelligent Teaching and Learning with Computers, aka iTALC, gives teachers the tools they need to manage a computer-based classroom without the high license fees of commercial software. Key features include remote control, demo viewing, overview mode, workstation locking and VPN access for off-site students. Operating System: Windows, Linux

139. Mando

Mando lets you create an interactive whiteboard. If you have your computer connected to a camera and a projector, you can use your laser pointer to control the computer in front of the class, just as you would use a mouse at your desk. Operating System: Linux

Cloud Infrastructure

140. AppScale

AppScale offers an open source version of the Google App Engine. It supports Python, Java, and Go, and you can run it on Amazon EC2. Operating System: Linux.

141.Cloud Foundry

Sponsored by Pivotal, Cloud Foundry is both an open source project and a PaaS based on that open source software. It offers support for multiple languages and multiple frameworks. Operating System: Linux

142.CloudStack

Like OpenStack, CloudStack provides the underlying infrastructure and management tools for enterprises or service providers to build a cloud computing environment. Key features include support for multiple hypervisors, massive scalability, an easy-to-use Web interface and a RESTful API. Operating System: OS Independent

143. Eucalyptus

"The world's most widely deployed IaaS cloud platform," Eucalyptus enables users to build their own IaaS environment without adding new hardware or retooling their current infrastructure. It's also compatible with the Amazon Web Services API, enabling the creation of hybrid clouds. Operating System: Linux.

144. eyeOS

Downloaded more than one million times, eyeOS calls itself "the world's #1 Cloud Desktop." In addition to the open source version, it is also now available in a paid professional edition. Operating System: Linux

145. OpenNebula

Downloaded more than 5,000 times per month, OpenNebula claims to be the "most powerful open solution to enable private and hybrid clouds." It offers flexible tools to manage virtualized data centers. Operating System: Linux.

146. OpenShift

Built on Red Hat's open source software, OpenShift allows developers to write and deploy their applications in just minutes. It supports Java, Ruby, Node.js, Python, PHP and Perl, and because it's built with open technology, there's no vendor lock-in. Operating System: Linux

147. OpenStack

OpenStack provides the technologies necessary to build both private and public clouds, with a goal of standardizing cloud computing infrastructure. Founded by NASA and Rackspace, it now counts numerous major technology companies among its backers.

148. ownCloud

This project aims to help individuals or businesses build their own clouds for storing their files, music, pictures and calendar information. You can host it on your own server or use one of the service providers mentioned on the site who offer free hosting. Operating System: Windows, Linux

149. Scalr

This cloud management software boasts more than 6,000 users, and it supports Amazon Web Services, Rackspace, Nimbula, Eucalyptus and CloudStack. In addition to the open source version, it comes in an enterprise version and multiple hosted versions ranging from the "Seed" version for up to five servers to the "World Domination" version for more than 80 servers. Operating System: Linux.

Collaboration/Groupware

150. Collabtive

This Basecamp replacement tracks projects, milestones and tasks for small groups, and it even imports data from Basecamp. You can host it yourself or purchase hosting from Collabtive. Operating System: OS Independent

151. cyn.in

Cyn.in combines wikis, social networks, blogs, file sharing repositories, micro blogs, discussion boards and other communication applications into a unified enterprise collaboration solution. You can choose the free open source version, the SaaS version or the paid on-premise appliance. Operating System: Windows, Linux, OS X.

152. EGroupware

This Web-based groupware and collaboration tool combines basic groupware functionality with CRM, project management, Web content management, file sharing, incident tracking and more. Host the free community or paid enterprise version on your own server, or use the hosted version for a monthly fee. Operating System: OS Independent

153. Feng Office

Created with professional services organisations in mind, Feng Office now boasts more than 350,000 users. It comes in a "Feng Sky" version that runs in the cloud, as well as free community and commercially supported on-premise versions. Operating System: Windows, Linux, OS X

154. Group-Office

Like Outlook, Group-Office features shared calendar and e-mail capabilities. In addition, it includes some basic project management, file sharing and CRM features. You can deploy server version on your own hardware (with or without paid support), or you can buy the SaaS version. Operating System: OS Independent

155. IGSuite

The Integrated Groupware Suite, or IGSuite, is another Web-based open source groupware system. In addition to calendaring, e-mail, etc., it also incorporates some basic CRM, ERP and CMS functionality. Operating System: Windows, Linux, Unix.

156. InterTwinkles

If you're working with a group online, it can be really difficult to reach a decision. This platform (and MIT dissertation project) aims to make it easier to reach consensus without meeting in person. Operating System: OS Independent

157. K-9

Based on the original Android email client, K-9 is designed to "make it easy to chew through large volumes of email." Key features include push IMAP support, attachment saving, BCC to self, signatures, message flagging, multiple identities and more. Operating System: Android

158. Ofuz

Best for teams, freelancers, and service providers, Ofuz tracks contacts, organizes leads, manages projects, tracks your time, creates invoices, sends e-mail and more. While it's technically still a beta, both the open source download and the SaaS online version are both useable. Operating System: OS Independent

159. Open Atrium

Open Atrium describes itself as "a team collaboration tool with a kick of open source hotness." It includes blog, calendar, sharebox, notebook, case tracker and dashboard capabilities. Operating System: OS Independent

160. Simple Groupware

This enterprise groupware app can sync with Outlook, and it offers dozens of Web-based modules. Organisations can extend its capabilities buy building their own add-ons with the sgsML language. Operating System: Windows, Linux

161. TUTOS

Short for "The Ultimate Team Organisation Software," includes group calendar, email, time tracking, document management and project management. In addition, it also offers special features for developers, like a bug tracker, test support and some Scrum tools . Operating System: Linux

162. Zarafa

The self-proclaimed "best open source email and collaboration software," Zarafa is an alternative to Microsoft Exchange that can sync with mobile devices. In addition, it has a mobile device management plug-in that includes remote wipe capabilities. Paid support and hosted versions are also available. Operating System: Linux

Compression

163. 7-zip

Save space on your archives by compressing files with 7-zip. It can compress files up to 70 percent smaller than WinZip, and it offers encryption and support for multiple file formats. Operating System: Windows, Linux, OS X

164. Caesium

This helpful app compresses images up to 90 percent, making it easier to e-mail them or upload them to your favorite Web site. It supports most common image formats, including JPG, PNG, GIF, BMP, and WMF. Operating System: Windows

165. Keka

Keka offers compression capabilities for OS X systems. It supports 7z, Zip, Tar, Gzip, Bzip2, DMG and ISO file formats. Operating System: OS X

166. KGB Archiver

KGB claims to be able to compress files even more than 7-zip. It also includes built-in AES-256 encryption. Operating System: Windows

167. PeaZip

This incredibly versatile compression utility can open more than 150 archive file formats and create 11 different file types, including the popular 7z and zip formats. It also offers a host of security features like encryption, two-factor authentication, secure deletion and more. Operating System: Windows, Linux, OS X.

Content Management and Wikis

168. AIOCP

The All In One Control Panel (a.k.a. AIOCP) combines content management with e-commerce management and a development platform for creating Web apps. Support and services can be purchased from project owner Tecnick.com.Operating System: Windows, Linux, OS X

169. Alfresco

Used by companies like Toyota, Fox, Land's End, Marriott, Merck and many others, this multi-function solution combines document management, records management, Web content management with a number of other enterprise collaboration features. The core software is available for free, but paid support, training, consulting and a cloud-based version are available. Operating System: Windows, Linux, OS X

170. Archon

Winner of several awards, Archon simplifies the process of creating a searchable Web site to house archival materials. Administrators can input or edit information via Web forms, and the software automatically uploads and publishes the data. It's currently being used by more than 40 universities, zoos, historical societies, and other institutions. Operating System: OS Independent.

171. Armstrong

First released in 2011, Armstrong is a content management system specifically designed to meet the needs of news organisations. It was developed by The Bay Citizen and the Texas Tribune. Operating System: OS Independent

172. BIGACE

While BIGACE is used by many smaller organisations, it's multi-site, multi-language, and multi-user capabilities make it a possibility for larger enterprises looking for a Web CMS. Key features include a WYSIWIG editor, templates and stylesheets, and permission management. Operating System: Windows, Linux, Unix

173. Bitweaver

Bitweaver's claim to fame is a modular design that lets you pick and choose which features you need. Those features include articles, wikis, image galleries, calendar, user management, and more. Operating System: OS Independent.

174. Daisy CMS

Java-based Daisy can be used for Web sites, intranets, product documentation, knowledge bases, and more. It includes both a document repository and a wiki. Operating System: OS Independent.

175. DNN (formerly DotNetNuke)

The "#1 open source Web content platform for business," DotNetNuke currently runs more than 700,000 sites and boasts more than 7 million downloads. You can download the free community version or purchases the professional or enterprise version, and the site also has a large store with add-ons, themes and other tools to help speed the development of your website. Operating System: Windows

176. DokuWiki

This simple-to-use wiki was designed for developer teams and other small groups. Key features include unlimited revisions, recent changes viewing, section editing, anti-spam capabilities, multiple language support and more. Operating System: OS Independent

177. Drupal

With more than 630,000 users and developers in its communityDrupal is a tremendously popular Web content management. It's users include publishers like the New York Observer and Popular Science, universities like Harvard and MIT, and well-known brand names like MTV and AOL. Operating System: OS Independent

178. Family Connections

If you love scrapbooking, you might also love setting up a family Web site. This app makes it easy to create a private site for sharing photos, calendars, recipes and keeping in touch with family members. Operating System: OS Independent

179. Fedora Commons

Fedora Commons allows you to manage, preserve, and link different types of digital content. For example, you can use it to create an archive of video, audio, and text files on a particular topic which users can then search or comment on. Operating System: OS Independent

180. FOSWiki

A split from the TWiki project, FOSWiki distinguishes itself with support of embedded macros to enhance content and allow end-users to create their own applications. The Web site includes considerable support for new users, as well as a number of extensions to the basic application. Operating System: OS Independent

181. Get Simple

With an intuitive user interface, five-minute setup and no need for a separate database, Get Simple is one of the easiest content management systems for non-technical small business owners to use. It's been downloaded more than a million times and has a very active support forum and excellent documentation. Operating System: Linux.

182. Joomla

Approximately 2.7 percent of all websites use this very popular open source Web content management system. Version 1.7 offers easier installation, one-click version updating, automatic form data validation, batch processing and more. Operating System: OS Independent

183. Liferay

Named a "leader" in Gartner's Magic Quadrant for Horizontal Portals, LifeRay provides the platform for nearly half a million websites and enterprise portals, including some for Cisco, T-Mobile, Barclays, AutoZone and even Sesame Street. It has both community and enterprise editions, and Liferay also sells support, training and consultation services. Operating System: OS Independent

184. Magnolia

This open source content management system has recently released version 4.5, which offers instant mobile websites and multi-channel publishing. It's used by thousands of organisations, including the U.S. Navy and Texas State University. Magnolia sells both standard and pro enterprise versions of its software, with multiple levels of support available. Operating System: Windows, Linux

185. MediaWiki

Because it's the software used by Wikipedia, MediaWiki should feel familiar to most users. It's scalability makes it a good choice for large wikis. Operating System: Windows, Linux/Unix, OS X

186. MindTouch

MindTouch enables the creation of social help websites, and it's used by customers like PayPal, Mozilla and Intuit. The Core software is open source, or you can purchase MindTouch on an SaaS basis. Operating System: Windows, Linux.

187. Owl Intranet Knowledgebase

Owl lets you create a knowledgebase or FAQ site. It's available in both a regular version and an "ultralite" version that does not use a database. Operating System: Windows, Linux

188. Plone

One of the most popular open source projects of any kind, Plone is another widely used content management system. It has a reputation for excellent security features and can be used to create mobile Websites. Operating System: Windows, Linux, OS X

189. Pimcore

Winner of a 2010 Most Promising Open Source Award, Pimcore offers Web content management, product information management, asset management and rapid application development. It's based on the Zend framework and ExtJS. Operating System: Linux, Unix

190. TikiWiki

TikiWiki calls itself "Groupware" because it offers features like blogs, forums, an image gallery, map server, bug tracker and feed reader to standard wiki capabilities. The software is completely open source, but support, consulting, hosting and other services are available through third-party partners listed on the site. Operating System: OS Independent

191. TWiki

As a structured wiki, TWiki combines the benefits of a wiki with the benefits of a database. It can be used for project management, document management, as a knowledge base, or to collaborate on virtually any type of content for intranets or the Internet. Operating System: OS Independent.

192. TYPO3

Downloaded more than 4 million times, the TYPO3 content management system combines a rich feature set with usability. Key features include multimedia support, detailed user permissions, and scalability. Operating System: Windows, Linux, Unix

193. WebGUI

This CMS offers a framework for creating your own Web apps, as well as a full suite of modules, including wikis, photo galleries, message boards, event management, ecommerce, surveys, donations and more. Operating System: Windows, Linux/Unix, OS X

194. Wolf CMS

This newer CMS prides itself on being lightweight, fast and easy to use. However, note that it is easiest to use if you have some PHP coding skills. Operating System: Windows, Linux

195. XOOPS

XOOPS (an acronym for "eXtensible Object Oriented Portal System) is a modular, database-driven Web content management system with a large user base and a large number of awards to its credit. It also offers excellent personalisation capabilities, a skinnable interface, versatile group permissions and supports multiple languages. Operating System: OS Independent

196. XWiki

XWiki combines an enterprise-grade wiki, a wiki manager (for those who have multiple wikis), a generic wiki platform and an RSS Reader. It's a second-generation wiki, meaning that it gives users the ability to create and deliver apps from within the wiki. Operating System: OS Independent.

Customer Relationship Management (CRM)

197. CitrusDB

Citrus is a customer care and billing solution aimed at subscription-based products such as Internet service, telecommunications, and consulting. It tracks customer information, service records, custom billing cycles, and support tickets. Operating System: OS Independent

198. CiviCRM

Similar to Orange Leap, CiviCRM was particularly designed for advocacy groups, NGOs and non-profit organisations with similar needs. It includes modules for case management, fundraising, event management, membership management, e-mail communications and marketing, and it integrates with both Drupal and Joomla. Operating System: OS Independent

199. ConcourseSuite

This Java-based apps aims to provide a 360° view of your customer, tracking leads, opportunities, marketing and customer support functions. It comes in both open source and on-demand versions, and unlike most similar services, the on-demand price is based on resource consumption, not the number of users. Operating System: Windows, Linux, OS X.

200. Covide

This CRM solution promises to improve business productivity up to 30 percent while lowering costs. In addition to the open source server version, it's also available on an SaaS basis with prices in euros. Operating System: Windows, OS X, Unix

201. Daffodil CRM

Daffodil CRM provides a complete picture of the entire customer lifecycle and includes tools for sales force automation, sales forecasting, efficient opportunity tracking, customer satisfaction, and performance management. The Daffodil site primarily promotes the commercially supported version, but you can download the free, open-source version from SourceForge. Operating System: OS Independent.

202. openCRX

OpenCRX combines Web-based customer relationship management capabilities with groupware that will sync with smartphones and tablets. Track your sales and accounts from any browser. Operating System: OS Independent

203. Orange Leap

A good option for non-profits, Orange Leap aims to make managing contacts, particularly fundraising contacts, much easier. The website doesn't make it obvious that the software is available on an open source basis, but you can download the source code from SourceForge. Operating System: Windows.

204. SourceTap

Designed primarily for sales team members, SourceTap offers lead, account and opportunity management tools, as well as planning and reporting capabilities for managers. It's available under a variety of licenses, both free and paid, including open source and on demand options. Operating System: Windows, Linux.

205. SplendidCRM

The latest version of Splendid adds a new survey model, 42 new standard reports, Google Apps Sync, an HTML5 calendar and more. In addition to the open source option, it also comes in commercially supported on-demand and on-premise versions. Operating System: Windows.

206. Sugar Community Edition

SugarCRM boasts millions of users, including personnel at Coca-Cola, Chevrolet, Men's Wearhouse, ThyssenKrupp System Engineering and others. The link above will take you to the free community version, but it's also available on a SaaS basis. Operating System: OS Independent

207. vTiger

With more than 10,000 customers, vTiger aims to help enterprises "get organized, grow sales, boost marketing ROI, and deliver delightful customer experiences." In addition to the free community edition, it's also available on demand starting at $12 per user per month. Operating System: Windows, Linux, iOS, Android

208. X2Contacts

X2Contacts offers sales management with a social-networking focus. It's aimed at SMBs and offers a blog-style interface that makes it easy to see and record sales contacts. Operating System: Windows, Linux, OS X

Dancing

209. DanceCues

If you're *really* serious about your dancing, DanceCues can help you plot out your best moves ahead of time. It's suitable for professional choreographers and makes it much easier to create cue sheets than using a word processor. Operating System: Windows, Linux, OS X

Databases

210. BlinkDB

Still an alpha release, BlinkDB is a "massively parallel, approximate query engine for running interactive SQL queries on large volumes of data." In some tests it performed up to 200 times faster than Hive. Operating System: Windows, Linux

211. Cassandra

Best known as Facebook's NoSQL database, this Apache project promises linear scalability, fault tolerance and low latency with large datasets. Its users include Netflix, eBay, Twitter, Urban Airship, Constant Contact, Reddit, Cisco and many others. Operating System: OS Independent

212. CouchDB

This project describes itself as "a database that completely embraces the web." It stores data in JSON documents that can be accessed via a browser and queried with JavaScript. Operating system: Windows, Linux, OS X, Android

213. Firebird

First launched in 1981, Firebird is a mature SQL database that boasts cross-platform support, multi-generation architecture, logging and monitoring capabilities, excellent security and more. Paid support is available through third-party partners. Operating System: Windows, Linux, Unix, OS X, Solaris

214. FlockDB

A good option for storing social information, this is the graph database developed by Twitter to store its data. It's also very fast—Twitter's implementation can handle twenty thousand writes per second and one hundred thousand reads per second. Operating System: OS Independent

215. HBase

Popular for the storage of "Big Data," HBase is the database for Hadoop. It was designed to handle databases with billions of rows and millions of columns on commodity hardware. Operating System: OS Independent

216. Hibari

Used by many telecom companies, Hibari is a key-value, big data store with strong consistency, high availability and fast performance. Support is available through Gemini Mobile. Operating System: OS Independent

217. Hive

Hadoop's data warehouse, Hive promises easy data summarisation, ad-hoc queries and other analysis of big data. For queries, it uses a SQL-like language known as HiveQL. Operating System: OS Independent.

218. Hypertable

This NoSQL database offers efficiency and fast performance that result in cost savings versus similar databases. The code is 100 percent open source, but paid support is available. Operating System: Linux, OS X

219. Infinispan

Infinispan describes itself as an "extremely scalable, highly available data grid platform." Java-based, it was designed for multi-core architecture and provides distributed cache capabilities. Operating System: OS Independent

220. Kexi

The "long-awaited competitor for programs like MS Access or Filemaker," KDE's Kexi offers a familiar set of desktop database features. Noteworthy capabilities include full visual designers for tables, queries and forms; support for parameterized queries; support for object data; lookup columns; advanced import tools and more. Operating System: Windows, Linux, OS X

221. LucidDB

LuciDB says it's "the first and only open-source RDBMS purpose-built entirely for data warehousing and business intelligence." It boasts high scalability, low costs, few administration hassles and high-performance analytics capabilities. Operating System: Windows, Linux, OS X.

222. MongoDB

This database's name comes from the word "hu**mongo**us," and it was designed to handle extremely large amounts of data. Extremely popular, it's become one of the leading NoSQL options. A company called10gen offers commercial support. Operating system: Windows, Linux, OS X, Solaris

223. MySQL

Used by organisations like Facebook, Google, Adobe, Alcatel Lucent and Zappos, MySQL has long been one of the most popular databases for use with the Web. It boasts scalability, flexibility, high performance and more. It's available in both free and paid versions. Operating System: Windows, Linux, Unix, OS X

224. Neo4j

Neo4j claims to be the "world's leading graph database," and it boasts it can be up to one thousand times faster than relational databases for connected data. Popular uses include storing social data, recommendation engines, fraud detection and resource authorisation. Operating System: Windows, Linux

225. OrientDB

This Java-based database aims to combine the characteristics of a document database with the characteristics of a graph database. It's claim to fame is its blazing fast speed— storing up to 150,000 records per second on standard hardware. Operating system: OS Independent.

226. Poderopedia

This award-winning project makes it possible to set up large semantic databases where you can visualize connections between entities. It's particularly useful for journalists and media organisations tracking the relationships between people, corporations and political entities. Operating System: Windows, Linux

227. PostgreSQL

PostgreSQL doesn't claim to be the most popular, just "the world's most advanced open source database." It's known for its reliability, data integrity and correctness, as well as its enterprise-class features. Paid support is available through third-party partners. Operating System: Windows, Linux, OS X

228. Riak

Built to run in the cloud or other distributed environments, this database attempts to combine the benefits of traditional RDBMSes with the benefits of NoSQL. It comes in community and enterprise versions or Riak CS which provides a platform for cloud storage. Operating System: Linux, OS X

229. Redis

Sponsored by VMware, Redis offers an in-memory key-value store that can be saved to disk for persistence. It supports many of the most popular programming languages. Operating System: Linux

230. Terrastore

Based on Terracotta, Terrastore boasts "advanced scalability and elasticity features without sacrificing consistency." It supports custom data partitioning, event processing, push-down predicates, range queries, map/reduce querying and processing and server-side update functions. Operating System: OS Independent

231. TokuDB/TokuMX

Open-sourced this year, TokuDB is a performance engine that speeds up MySQL. TokuMX does the same thing for MongoDB. Both are also available in a paid enterprise version. Operating System: Windows, Linux

232. VoltDB

VoltDB describes itself as "the NewSQL database for high velocity applications." It was recently named one of Gartner's Cool Vendors for 2011. In addition to the free community version, it also comes in several commercially supported versions. Operating System: Windows, Linux, OS X

Data Destruction

233. BleachBit

If you need to remove a file completely from a hard drive, BleachBit does the job. It can also free up space and protect your privacy by erasing your cache, getting rid of temporary files, deleting your browsing history and generally cleaning up your PC. Operating System: Windows, Linux

234. Darik's Boot And Nuke

For those times when you need to erase all of the files on a hard drive so that they can't be recovered, Darik's Boot and Nuke does the job. The project is now owned by Blancoo, which offers other data erasure solutions on a paid basis. Operating System: OS Independent

235. Eraser

Another file shredding utility, Eraser eliminates all traces of deleted files by overwriting them multiple times. It also includes an easy-to-use, customizable scheduler so that you can shred files automatically after a certain period of time if you choose. Operating System: Windows

236. FileKiller

Similar to Eraser, FileKiller allows the user to select how many times data will be overwritten (1 to 100) and what type of data will be used for the overwriting. Key features include fast performance and the ability to shred files larger than 2GB. Operating System: Windows

237. Wipe

Many of the tools on our list are for Windows, but Wipe offers secure file deletion for Linux. Note that it's not updated as regularly as it used to be. Operating System: Linux

Data Integration

238. Apatar

Apatar aims to make it easy to move data between on-premise and cloud-based applications, and it includes connectors for Salesforce.com, SugarCRM, and Goldmine CRM. It also comes in an on-demand version that integrates data from Salesforce.com and QuickBooks. Operating System: OS Independent.

239. Clover ETL

The Community Version of this extract, transform, load (ETL) tool can handle "modest" data transformation and ETL jobs. It also comes in paid Designer, Server Standard, Server Corporate and Server Cluster versions. Operating System: OS Independent.

240. DataCleaner

This enterprise-class tool can monitor your data, verify it against internal or external reference data, analyze your data quality, and find and merge duplicate entries. In additional to the free Community version, the company also offers commercially supported Professional and Enterprise editions. Operating System: OS Independent

241. GeoKettle

Based on Kettle/Pentaho Data Integration, GeoKettle incorporates geospatial capabilities from a variety of other open source tools. It is owned by Spatialytics, which offers commercial versions of the tools. Operating System: Windows, Linux, OS X

242. InfoBright Community Edition

This scalable data warehouse supports data stores up to 50TB and offers "market-leading" data compression up to 40:1 for improved performance. Commercial products based on the same technology can be found at InfoBright.com. Operating System: Windows, Linux

243. Karma

Developed at the University of Southern California, Karma can integrate data from databases, spreadsheets, delimited text files, XML, JSON, KML and Web APIs. It aims to be easy to use, and the website includes a number of videos showing its capabilities in action. Operating System: OS Independent.

244. KETL

KETL calls itself "a premier, open source ETL tool" and boasts that its features "successfully compete with major commercial products." Commercial support is available through < ahref="http://www.kineticnetworks.com/">Kinetic Networks. Operating System: Linux, Unix.

245. MailArchiva

MailArchiva stores enterprise e-mail messages, allowing companies to meet compliance requirements, to search old messages quickly, to monitor content and to save on storage costs. The link above will connect you with the enterprise and ISP versions of the software; for the open source version, seeSourceForge. Operating System: Windows, Linux.

246. Scriptella

Java-based Scriptella offers a simple tool for performing ETL tasks and executing scripts. Note that this tool isn't quite as polished as some of the others on our list, and no enterprise version or commercial support is available. Operating System: Windows, Linux, OS X

247. Talend Open Studio

Talend offers "true scalability for any integration challenge, any data volume, any project size." Its flagship Open Studio line includes open source products for big data, BPM, data integration, data quality, ESB and master data management. Commercial support, training, consulting and other services are available. Operating System: Windows, Linux, Unix

Data Loss Prevention

248. OpenDLP

OpenDLP is a "agent- and agentless-based, centrally-managed, massively distributable data loss prevention tool." It allows security or compliance managers to scan thousands of systems simultaneously via agents or perform agentless data discovery against a MySQL or Microsoft SQL server. Operating System: Windows

249. MyDLP

MyDLP can block credit card numbers, social security numbers, or sensitive files from being transmitted through e-mail, printers, the Web or removable devices. In addition to the free community version, it also comes in a paid enterprise version. Operating System: Windows, Linux, VMware

Data Mining

250. RapidMiner/RapidAnalytics

RapidMiner claims to be "the world-leading open-source system for data and text mining." RapidAnalytics is a server version of that product. In addition to the open source versions of each, enterprise versions and paid support are also available from the same site. Operating System: OS Independent.

251. Mahout

This Apache project offers algorithms for clustering, classification and batch-based collaborative filtering that run on top of Hadoop. The project's goal is to build scalable machine learning libraries. Operating System: OS Independent

252. Orange

This project hopes to make data mining "fruitful and fun" for both novices and experts. It offers a wide variety of visualisations, plus a toolbox of more than 100 widgets. Operating System: Windows, Linux, OS X

253. Weka

Short for "Waikato Environment for Knowledge Analysis," Weka offers a set of algorithms for data mining that you can apply directly to data or use in another Java application. It's part of a larger machine learning project, and it's also sponsored by Pentaho. Operating System: Windows, Linux, OS X

254. SPMF

Another Java-based data mining framework, SPMF originally focused on sequential pattern mining, but now also includes tools for association rule mining, sequential rule mining and frequent itemset mining. Currently, it includes 46 different algorithms. Operating System: OS Independent

255. Rattle

Rattle, the "R Analytical Tool To Learn Easily," makes it easier for non-programmers to use the R language by providing a graphical interface for data mining. It can create data summaries (both visual and statistical), build models, draw graphs, score datasets and more. Operating System: Windows, Linux, OS X

256. Scavis

Formerly known as "jWork," this Java-based project provides scientists, engineers and students with an interactive environment for scientific computation, data analysis and data visualisation. It's frequently used in data mining, as well as for mathematics and statistical analysis. Operating System: OS Independent

Data Visualisation

257. D3.js

Short for Data-Driven Documents, D3 makes full use of newer Web standards to help users create interesting graphs and diagrams of their data. It grew out of the older Protovis project, and has been gaining more attention in the last couple of years. Operating System: Windows, Linux, Mac, iPad

De-duplication

258. Bulk File Manager

Reduce your storage needs with this file deduplication tool. It also includes bulk deletion and bulk re-naming abilities. Operating System: Windows.

259. Opendedup

Opendedup performs inline de-duplication to reduce storage utilisation by up to 95 percent. It's available as an appliance for simplified setup and deployment. Operating System: Windows, Linux

Desktop Enhancements

260. Compiz

Compiz can be used as either a compositing manager to add fancy effects to your windows or as a full windows manager. Included effects include drop shadows, the desktop cube and expo view. Operating System: Linux

261. Console

For developers and others who like to work from the command line, Console adds capabilities that aren't available through cmd.exe. For example, it allows users to open multiple tabs, change the font and window style, use a text selection tool, and more. Operating System: Windows

262. DropIt

If your file system is a mess, DropIt gives you an easier way to clean it up than using the file copy-and-paste capabilities of Windows Explorer. With this app, you can create an icon on your desktop that sends files to the folder of your choice. Just drag your file to icon and it will move the file where you want it to go. Operating System: Windows

263. Electric Sheep

In his famous novel, Philip K. Dick wondered *Do Androids Dream of Electric Sheep?* This screensaver answers that question by connecting thousands of systems and using them to create ever-changing animations known as "sheep." And yes, the app now works on Android. Operating System: Windows, Linux, OS X, Android, iOS

264. Emerge

This replacement for the Windows shell offers a minimalist interface based on applets. It lets users access programs via a right click instead of the Start Menu, and it offers an application launcher and virtual desktop capabilities. Operating System: Windows

265. Enlightenment

Compatible with both Gnome and KDE, Enlightenment is a fast, modular windows manager. The project also includes a large interface development library, some parts of which are usable on Windows, OS X and other OSes. Operating System: Linux

266. Florence

If you can't use your hands for some reason, or if you spilled Red Bull on your keyboard and are waiting for it to dry out, Florence can help you keep on typing. This app for the Gnome desktop puts a virtual keyboard on your screen that you can click with your mouse. Operating System: Linux, OS X

267. Fluxbox

Although it's not too flashy, this window manager is lightweight and fast. Key features include tabbing, editable menus, an application dock and more. Operating System: Linux

268. icewm

Icewm's stated goals include "speed, simplicity, and not getting in the user's way." It currently supports 25 different languages. Operating System: Linux, OS X

269. izulu

No window near your cubicle? This app automatically changes the background on your desktop to match current weather and time. Operating System: Linux

270. KWin

The default window manager for the KDE Plasma desktop, KWin puts an emphasis on reliability and good looks. The latest version supports compositing, that is, 3D window effects. Operating System: Linux

271. Launchy

If you hate to use the mouse, Launchy is for you. It lets you open applications, documents, folders, bookmarks and more with just a few keystrokes. Operating System: Windows, Linux, OS X

272. LCARS 24

Looking for something fun to do with an old PC? This app adds Star Trek-like computer graphics to your screen, and it functions as an alarm clark and file manager, plus providing some other utilities. If nothing else, it makes for an interesting conversation piece. Operating System: Windows, DOS

273. LotseEscher

Fans of the artist M. C. Escher will enjoy this animated version of his Print Gallery drawing. If you like it, you may also like this developer's other screensavers: LotsaGlass, LotsaSnow and LotsaWater. Operating System: Windows, Linux, OS X

274. Matrixgl

For those who love the Matrix movies, this screensaver features falling green characters that create images of characters from the The Matrix Reloaded. Operating System: Windows, Linux, OS X

275. Metacity

The default window manager for Gnome 2.x, Metacity is designed to be as usable and unobtrusive as possible, and might be described as a little plain. The project owners themselves say, "Many window managers are like Marshmallow Froot Loops; Metacity is like Cheerios." Operating System: Linux

276. PNotes

Much like real-world sticky notes, PNotes lets you leave virtual sticky notes for yourself on your computer. Interesting features of this app include audio notes, scheduling, password protection, encryption, transparency and more. Operating System: Windows

277. Really Slick Screensavers

If you're looking for a screensaver that's a little bit out of the ordinary, check out Really Slick. It includes a dozen different colorful (and sometimes nausea-inducing) screensavers. Operating System: Windows

278. Sticker

Sticker is a Windows 7-compatible electronic post-it note app. Unlike some similar apps, it lets you put notes directly on the desktop as if they were icons. Operating System: Windows

279. Wikiquote Screensaver

If you prefer a screensaver that's a little more philosophical, check out this app. You type in a topic and press save, and it will pull up random Wikiquotes on the topic. Operating System: Windows

280. VirtuaWin

Most Linux/Unix windows managers make it easy to switch between desktops, but to accomplish the same thing on Windows, you usually have to log out and log back in as another user. This app lets you save up to nine different desktops and switch between them quickly. It's helpful if you're multi-tasking and need one set of apps for one project and other set for a different project. Operating System: Windows

281. WindowsPager

WindowsPager offers very similar functionality as VirtuaWin, with a different interface for switching between workspaces. Operating System: Windows

Desktop Publishing

282. MiKTeX

This desktop publishing solution was built to make scientific and mathematical text look beautiful. It's less useful for other types of desktop publishing, such as creating newsletters and flyers. Operating System: Windows, Linux

283. Scribus

Scribus is a professional-caliber page layout program that can do color separations, CMYK and spot colors, ICC color management, PDF creation and more. However, because desktop publishing programs are very complicated, note that it cannot import and export InDesign, Quark or Publisher files. Operating System: Windows, Linux, OS X

284. SiSU

After creating documents in the text editor of your choice, you can use SiSU (Structured information, serialized units) to publish them in the format of your choice and make them searchable. Supported formats include plain-text, HTML, XHTML, XML, ODF, LaTeX, and PDF. Operating System: Linux/Unix

Developer Tools

285. AllJoyn/AllSeen

AllJoyn allows developers to create applications with OS-agnostic, proximity-based device-to-device communications. The company behind the project is currently running a contest where they plan to give away $170,000 in cash and prizes for great apps built with AllJoyn's framework. Operating System: Windows, OS X, iOS, Android

286. AML

This XML-based language aim to makes it possible to build cross-platform, data-driven applications that run natively. However, currently it only supports Android. Operating System: Android

287. Anjuta DevStudio

GNOME's IDE supports C and C++ development on Linux systems. It includes an application wizard, interactive debugger, source code editor, version control, GUI designer and more. Operating System: Linux

288. Appcelerator Titanium

Appcelerator claims that Titanium is "the first mobile platform to combine the flexibility of open source development technologies with the power of cloud services." It supports the development of iOS, Android and mobile Web apps using JavaScript. Operating System: Windows, Linux, OS X, iOS, Android

289. ATPad

This Notepad replacement includes a number of features for developers, like a tabbed interface, line numbering, word wrapping, text coloring and more. It's won a number of awards. Operating System: Windows.

290. Bootstrap

First released by Twitter in 2011, Bootstrap is a front-end framework for Web development that aims to speed the development process. It takes a mobile-first approach and compiles code to pure CSS. Operating System: OS Independent

291. Bower

Also created by Twitter, Bower is a front-end package manager for the Web. It works with any type of package and runs over Git. Operating System: OS Independent

292. Brackets

This Adobe project is currently one of the most popular on GitHub, though it's still a preview release. It's a code editor built *with* Web technologies for developers who are working *in* Web technologies. Operating System: OS Independent

293. Chaplin.js

This HTML5 application architecture solution works with the Backbone.js library. It aims to help developers create single-page, scalable Web applications very quickly. Operating System: Windows, Linux

294. Cloud9 IDE

This online IDE supports Javascript, Node.js, HTML, CSS, PHP, Java, Ruby and 23 other programming languages. The source code for the IDE is available through GitHub, and the PaaS is free for open source projects or $15 per month for private projects. Operating System: OS Independent

295. Code::Blocks

This cross-platform C++ IDE is highly extensible, making it easy to add the features you want. It includes built-in compiling and debugging capabilities, plus an easy-to-use interface. Operating System: Windows, Linux, OS X

296. CodeMirror

CodeMirror is a browser-based text editor. Basically, it allows Website developers to embed a code editor in their sites, which is useful if you're creating a site that offers programming tutorials. In addition to desktop browsers, it also works with many mobile browsers. Operating System: OS Independent

297. Conditionizr

This tool allows websites to recognize the browser in use and serve up conditional files accordingly. It's great for situations where users are running older versions of browsers that don't support modern HTML and CSS features. Operating System: OS Independent

298. CoVim

This plug-in adds collaborative features to the Vim text editor. It's sort of like Google Docs for Vim. Operating System: Windows, Linux, OS X

299. Dev-C++

Dev-C++ is a C/C++ IDE with support for all GCC-based compilers. Key features include integrated debugging, project management, customizable syntax editor, code completion and others. Operating System: Windows

300. Eclipse

In addition to the well-known Java IDE, the Eclipse site offers a number of other development tools and educational materials. You'll also find plug-ins that extend its capabilities to support C, C++, Perl, PHP, Python, Ruby, and other programming languages. Operating System: OS Independent

301. Ember.js

There are a lot of JavaScript Web development frameworks out there—this one calls itself "a framework for creating **ambitious** Web applications. It aims to make developers more productive immediately. Operating System: OS Independent

302. Evolutility

With Evolutility, users can build custom Web apps in just minutes, without writing any C#, HTML, CSS, Javascript, or SQL. If you have a database, this app can put it on the Web quickly and easily. Operating System: Windows

303. Game Editor

If you're not really a programmer, but you think you have an idea for a game that might be the next big hit on the iPhone, this tool might help. It's a cross-platform game creator, and the site offers advice for those just starting out. Operating System: Windows, Linux, OS X, iOS, others

304. GCC

The "GNU Compiler Collection" offers front ends and libraries for C, C++, Objective-C, Fortran, Java, and Ada. It's probably the most widely used compiler for code that will run on multiple operating systems. Operating System: OS Independent

305. Gestalt

Gestalt offers a developers a way to write Ruby and Python scripts in in (X)HTML pages. It's SEO-friendly and lets you use some advanced HTML5 technologies on your Web apps. Operating System: OS Independent

306. Glade

Glade lets developers quickly create interfaces for the GTK+ toolkit and the GNOME desktop environment. It saves those interfaces in XML so they can be accessed by applications written in a wide variety of programming languages. Operating System: Windows, Linux, OS X

307. Grunt

Used by companies like Twitter, jQuery, Adobe, Modernizr and others, Grunt is a task runner for JavaScript. It automates tasks like minification, compilation, unit testing and linting. Operating System: OS Independent

308. Gumbo

Released earlier this month by Google, Gumbo is a C implementation of the HTML5. It's meant to provide the foundation for a variety of other development tools. Operating System: Linux

309. Hammer.js

If you're writing Web applications for mobile devices, this JavaScript library will allow to you enable multi-touch gestures, like swipe, tap, pinch, etc. The website proclaims, "You can touch this." Operating System: OS Independent

310. Hibernate

Part of the JBoss Enterprise Middleware Suite, Hibernate provides object/relational persistence for Java and .NET. It also includes the ability to write queries in SQL or the Hibernate version of SQL (HQL). Operating System: OS Independent

311. Intel Threaded Building Blocks

This library helps C++ developers take advantage of the benefits of multi-core processing systems, even if they don't know a lot about threading. It's available in both a commercial and an open source version. Operating System: Windows, Linux, OS X

312. IPFaces

Designed to make it easier for experienced Web developers build mobile apps, IPFaces excels at the creation of form-heavy mobile applications. Enterprise support and other professional services are available. Operating System: OS Independent for the developer; creates apps for iOS, Android, BlackBerry, others

313. Javadoc

Javadoc uses the comments you embed in your Java code to create an HTML documentation file. By default it describes the public and protected classes, nested classes (but not anonymous inner classes), interfaces, constructors, methods and fields. It's included in Oracle's Java developer kits. Operating System: Windows, Linux, OS X

314. Jo

Jo describes itself as a "simple app framework for HTML5." It allows you to build native-like apps in JavaScript and CSS. Operating System: iOS, Android, webOS, BlackBerry, Chrome OS

315. jQuery

jQuery calls itself "the write less do more JavaScript library," and that's a pretty apt description. It simplifies HTML document traversing, event handling, animating, and Ajax interactions for rapid web development. Operating System: OS Independent

316. JQuery Mobile

This HTML 5-based framework offers a simple drag-and-drop interface for creating cross-platform mobile Web applications and websites. Notable features include a theme roller and a download builder. Operating System: iOS, Android, BlackBerry, Windows Phone, others

317. JQT

Want to do Web development from your iOS or Android device? JQT (formerly JQTouch) makes it possible. Notable features include easy setup, native WebKit animations, callback events, flexible themes, swipe detection and more. Operating System: iOS, Android

318. KDevelop

This extensible integrated development environment (IDE) from KDE supports C/C++ and a variety of other programming languages. It includes a source code editor, a front end for the GCC compiler, wizards, a GUI designer and built-in support for a wide variety of version control systems. Operating System: Windows, Linux, OS X

319. Kurogo

Created by Modo Labs, Kurogo is a mobile-optimized middleware platform that was based on the MIT Mobile Framework. It makes is easy to create portals, mobile websites and apps that aggregate data and content from multiple sources. Operating System: Windows, Linux, iOS

320. MediaGoblin

Want to set up a site to share photos, videos or audio files? MediaGoblins aims to make it easy to create your own alternative to Flickr, YouTube and similar sites. Operating System: Linux

321. Meteor

Want to write your entire Web app in JavaScript? Meteor makes it fast and easy. Note that it is still a preview release. Operating System: OS Independent

322. MinGW

"Minimalist GNU for Windows" ports the GCC compilers and GNU Binutils for Windows. It allows you to use GNU tools to build Windows apps from Windows or Linux systems. Operating System: Windows, Linux

323. Moai

Describing itself as "the mobile platform for pro game developers," Moai offers both an SDK for game development and cloud-based services like leaderboards, achievements, etc. In addition to the free open source version, it's also available in a number of fee-based versions, with prices depending on usage. Operating System: Windows, OS X, iOS, Android, Chrome

324. Mobl

Based on HTML5 and JavaScript, mobl is a programming language designed specifically for creating mobile apps. It's statically typed and comes with an Eclipse-based IDE. Operating System: Windows, Linux, OS X

325. Mojito

One of the "Yahoo Cocktails," Mojito is an HTML5 applications development tool for creating client-server applications in JavaScript. It works with Node.js and helps create cross-platform apps. Operating System: Linux

326. Molly

This rapid development framework has a goal of making the creation of mobile portals as quick and painless as possible. Developed by Oxford University, it's a good option for other universities that also use the Sakai Virtual Learning Environment. Operating System: Linux

327. Mono

Now sponsored by Xamarin, this IDE was specifically designed as an open source, cross-platform version of Microsoft's .NET development platform. The site also offers two related tools for mobile development: MonoTouch for iOS and Mono for Android. Operating System: Windows, Linux, OS X, iOS, Android

328. MonoDevelop

Ideal for .NET developers, MonoDevelop supports C# and other Microsoft-friendly languages. It also makes it easier to port applications built for Windows to OS X and Linux. Operating System: Windows, Linux, OS X

329. MoSync SDK

This cross-platform software development kit allows you write mobile apps in C/C++ or HTML5/JavaScript--or a combination of both. Developers can use it alongside MoSync Reload, an open source development tool that makes it easy to see how apps will look on various mobile platforms. Operating System: Windows, OS X, Android, iOS, Windows Mobile, Symbian

330. NetBeans

Although known as a Java tool, NetBeans also supports PHP, JavaScript, Ruby, Groovy, Grails and C/C++. Its goal is to help users quickly develop web, enterprise, desktop, and mobile applications. Operating System: Windows, Linux, OS X

331. Nette Framework

Nette Framework promises developers "you will write less, have cleaner code and your work will bring you joy." It's a PHP-based framework for writing Web applications, and it supports AJAX, SEO, DRY, KISS, MVC and code reusability. Operating System: Windows, Linux

332. NuGet

This extension for Microsoft's Visual Studio makes it easy to install and update open source libraries for the .NET platform. And the NuGet Gallery makies it easy to find those open source libraries. Operating System: Windows

333. Open64

Formerly known as Pro64, Open64 was created by Intel and the Chinese Academy of Sciences. It includes compilers for C, C++ and Fortran90/95 compilers for the IA-64 Linux ABI and API standards. Operating System: Linux

334. OpenBD

Formerly known as Open Blue Dragon, Open BD describes itself as "the world's first truly open source and free GPL Java CFML runtime." It allows developers to build JavaEE-based Web apps using the Cold Fusion Markup Language (CFML) without purchasing Adobe ColdFusion. Operating System: Windows, Linux

335. OpenMEAP

An enterprise-class HTML5 mobile application development platform, OpenMEAP boasts top-notch end-to-end security. It enables rapid application development and supports multiple mobile OSes. Operating System: Android, iOS, BlackBerry

336. OWASP

The "Open Web Application Security Project" includes a number of documents, applications, and tools for developers concerned about app security. Key projects include WebGoat, ESAPI Security Library for Java, and numerous standards and guides. Operating System: OS Independent

337. PhoneGap

Used by more than 400,000 developers, PhoneGap boasts that it's the "the only free open source framework that supports 7 mobile platforms": iOS, Android, Blackberry, Windows Phone, Palm WebOS, Bada and Symbian. With it, developers can build cross-platform mobile apps using HTML, CSS and Javascript. Operating System: Windows, iOS, Android, Blackberry, Windows Phone, others

338. phpDocumentor

Like Javadoc, phpDocumentor turns code comments into readable documentation for users, only in this case for the PHP language instead of for Java. It's very fast and includes a variety of templates. Operating System: OS Independent

339. phpMyAdmin

Written in PHP, this utility handles the administration of MySQL over the Web. phpMyAdmin performs many database administration tasks like running SQL statements, adding and dropping databases, and adding, editing or deleting tables or fields. Operating System: OS Independent

340. Prototype

This JavaScript framework tries to make it easier to create dynamic Web apps. It offers a class-style OO framework, easy DOM manipulation, and what it humbly calls "the nicest Ajax library around." Operating System: OS Independent

341. QuickConnectFamily Hybrid

Boasting that it can speed mobile development by up to ten times, this app claims to be the "first full framework for JavaScript, CSS, and HTML development of installable, application store ready apps." It's highly modular and includes a built-in library for SQLite database calls. Operating System: Windows, Linux, OS X, iOS, Android

342. Qt

Used for both mobile and desktop development, Qt is a cross-platform application and UI framework that supports both C++ and a JavaScript-like language called QML. Commercially licensed versions are available from Digia. Operating System: Windows, OS X, Linux

343. Railo

Railo claims to be the fastest open source CFML server available. Commercial consulting, training and services are available from Railo Technologies. (And the name comes from an obscure Star Trek character, which boosts the project's geek cred.) Operating System: Windows, Linux

344. Restkit

Restkit aims to simplify the process of building apps that interact with RESTful Web services. Features include a simple HTTP request/response system, integration with Apple's Core Data framework, database seeding, object mapping system, pluggable parsing layer and more. Operating System: iOS

345. Rhodes

Ruby-based Rhodes allows developers to write code once and turn it into native mobile applications for multiple platforms. An enterprise version with a commercial license and support is available for a fee. Operating System: Windows, Linux, OS X, iPhone, Android, BlackBerry, Symbian, Windows Phone

346. Ruby on Rails

Designed for rapid application development using Agile methodologies, Ruby on Rails offers "Web development that doesn't hurt." It's used by the developers behind thousands of apps, including Twitter, Basecamp, Github and Groupon. Operating System: Windows, Linux, OS X

347. Sencha Touch

Another JavaScript-based HTML5 framework, Sencha Touch is used by more than 500,000 mobile developers, including more than half of the Fortune 100 and 8 of the world's top 10 financial institutions. In addition to the free open source license, Sencha also offers a free commercial license and paid support. Operating System: OS Independent

348. SharpDevelop

Also designed for the .NET platform, SharpDevelop supports C#, VB.NET and Boo. It's compatible with Visual Studio and offers code completion, project templates, an integrated debugger and a forms designer. Operating System: Windows

349. SheetSee.js

This JavaScript library makes it possible to use a Google spreadsheet as the database that feeds your website content. It makes updates quick and easy. Operating System: OS Independent

350. Sidekiq

Sidekiq promises "simple, efficient background processing for Ruby." It speeds up Web applications and makes them more scalable. Operating System: OS Independent

351. soapUI

With more than 2 million downloads, soapUI claims to be the most popular Web services and SOA testing tool in the world. It performs functional testing of SOAP, REST, HTTP, and JMS services, as well as databases. Operating System: OS Independent

352. SonarQube

In its first year of release, this Web-based platform for managing code quality quickly racked up 30,000 downloads. Sonar is notable for its ease of use and excellent reporting tools. Operating System: OS Independent.

353. Syte

Syte integrates all your social interactions from Tumblr, Twitter, Github, Dribbble, Instagram and other services into your personal website. It's a great way to let people learn all about your online activities from one convenient location. Operating System: OS Independent

354. Textmate

Exclusively for developers who work on makes, Textmate is a text editor that offers many more advanced features you would usually find in a full-fledged IDE. The project website states, "Created by a closet UNIX geek who was lured to the Mac platform by its ease of use and elegance, TextMate has been referred to as the culmination of Emacs and OS X." Operating System: OS X

355. TypeScript

Developed by Microsoft and released in 2012, TypeScript is a variant of JavaScript with static typing and class-based object oriented programming capabilities. It compiles to pure JavaScript, and as a result, works with any operating system and browser. Operating System: OS Independent

356. Ultimate++

This rapid application development framework includes both a C++ library and an IDE designed to handle large applications. Its emphasis is on speeding up the development process and includes "BLITZ-build" technology that makes C++ rebuilds up to four times faster. Operating System: Windows, Linux

357. Wakanda

According to its website, Wakanda is "an open source platform for building business Web applications with nothing but JavaScript." It's still in preview status, but is already getting kudos from end users for its ability to speed up and simplify the business application development process. Operating System: Windows, Linux, OS X

358. wxWidgets

This cross-platform development toolkit enables programmers to write applications in C++, Python, Perl, and C#/.NET that work on several different operating systems. In addition to an easy-to-use GUI, wxWidgets offers online help, streams, clipboard and drag and drop, multithreading, database support, HTML viewing and printing, and many other features. Operating System: Windows, Linux/Unix, OS X

359. XML Copy Editor

XML Copy Editor doesn't have as many features as some comparable apps, but it is very fast and lightweight. It's simplicity also makes it easier to use than some of the more feature-heavy applications. Operating System: Windows, Linux

360. Zend Framework

The Zend Framework helps PHP developers create more secure, reliable, and modern Web 2.0 applications and services. Support and related products can be purchased through Zend's corporate website. Operating System: Windows, Linux, OS X

361. ZK

Downloaded more than 1.5 million times, ZK calls itself the "leading enterprise Java Web framework." It's known for allowing developers to build Web apps in Java alone--without knowing Ajax or JavaScript--and it can also be used to build mobile apps. Operating System: OS Independent

362. ZURB Foundation

One of the most popular projects on GitHub, Foundation humbly proclaims itself "The most advanced responsive front-end framework in the world." With it, web developers can quickly create sites that automatically adjust for the size and type of device being used for access. Operating System: OS Independent

Diet/Exercise/Fitness

363. Cronometer

If you're on a restricted calorie diet, this app can help you track the calories in the foods you eat as well as other health data. The link above will take you to the free Web app; you can find the source code atSourceForge. Operating System: Windows, Linux, OS X, Android, iOS

364. iDiet

This app supports multiple diets, including Atkins, Summer Fresh, The Zone and Body for Life. Simply input the diet you're following and your goal. The app calculates how many calories, fat, protein, carbs, etc. you should be eating and then tracks your actual food consumption to see if you are staying on your plan. Operating System: OS Independent

365. My Tracks

This Android app uses your smartphone's GPS to trace your path when you go running, walking, biking or hiking. When you're finished, you can import your time, distance, speed and elevation change to a spreadsheet so that you can track your fitness or share your stats with others. Operating System: OS Independent

366. SportsTracker

Whether you're training for a specific event or just want to track your progress toward a more healthful lifestyle, Sports Tracker makes it easy to set up a plan and track your statistics. It also integrates with several popular heart monitors. Operating System: Windows, Linux, OS X

367. TurtleSport

If you have a Garmin fitness device like the Forerunner or the Edge, this app can retrieve your data and create reports. It also integrates with Google Earth and Google Maps so that you can see where you've been. Operating System: Windows, Linux, OS X

Disaster Preparedness

26. InaSAFE Foundation

Created in Indonesia and Australia, this app helps scientists and communities explore the potential impact of natural disasters in a region. To use it, you'll need Quantum GIS, an open source geographic information system. Operating System: OS Independent

Document Management Systems (DMS)

368. Epiware

This Web-based document management solution aims to make it easy for enterprise users to share files and collaborate on projects. The full version is available under the open source license, but commercial support is available. Operating System: Windows, Linux

369. LogicalDOC

Designed for use by mid-size or large organisations, LogicalDOC aims to make it as easy as possible to integrate document management into your network without requiring any user training. The website focuses mainly on the commercial products, but the link above will take you to the community open source version. Operating System: OS Independent

370. OpenDocMan

This Web-based document management system complies with ISO 17025 and OIE standards. It comes as a free download, a commercial appliance or a hosted service, and additional paid services are also available. Operating System: OS Independent.

371. OpenKM

This Web-based enterprise document management solution offers features like a Web 2.0 interface, drag-and-drop functionality, mobile support, a scheduler and more. Paid support and a cloud-based version are available. Operating System: OS Independent

372. Xinco DMS

Short for "eXtensible INformation COre," Xinco offers Web-based management of files, documents, contacts, URLs and more. Features include ACLs, version control and full text search. Operating System: Windows, Linux, OS X.

eBook Reader

373. FBReader

Want to read an e-book, but don't have a Nook, Kindle or iPad? This ebook reader supports multiple file formats and works on netbooks and Linux-based PDAs, as well as desktops. Operating System: Linux, Windows, BSD

E-Commerce

374. Broadleaf Commerce

This Java-based e-commerce platform boasts a low total cost of ownership, multi-channel support and powerful features like content targeting, catalog management and more. It's available with either an open source community license or a commercial license; to download the source code, see the developer site. Operating System: Windows, Linux, OS X

375. eShop

This WordPress plug-in offers good, basic e-commerce features, but lacks some of the more advanced features in other e-commerce solutions. It does integrate with most payment processing systems. Operating System: OS Independent

376. Fishop.NET

This "no-frills" solution boasts easy installation and customisation capabilities. It's available on an SaaS basis. Operating System: Windows

377. Interchange

This older e-commerce platform has been around since 1995. The site features a "hall of fame" displaying various web stores powered by Interchange, as well as a list of third-party partners that will provide commercial support and services. Operating system: Linux, OS X

378. JadaSite

Java-based JadaSite offers enterprise-class e-commerce features like BIRT reporting, product import/export, AJAX-based components, a WYSISYG editor, multi-currency, multiple language support and more. Paid support packages are not available, but JadaSite does offer consulting services for installation, customisation, upgrades, etc. Operating System: OS Independent

379. Jigoshop

Another plug-in for WordPress, Jigoshop boasts lightweight code, advanced reporting and "out-of-the box awesomeness." Paid support is available. Operating System: OS Independent

380. Magento

This award-winning shopping cart solution aims to be "feature-rich and user-friendly." Noteworthy capabilties include integrated product ratings and reviews, unlimited categories and products, multi-language and multi-currency support, automatic image resize and more. Commercial support is available from partners in numerous countries. Operating System: Windows, Linux, OS X

381. Modern Merchant

Describing itself as "smart and simple," Modern Merchant offers a no-frills, easy-to-use e-commerce shopping cart. It's easy to install and extensible with a variety of plug-ins. Operating System: Linux

382. nopCommerce

Based on Microsoft technologies, this Windows-only ecommerce solution includes both front-end and back-end capabilities. "Premium" support is available, and the site also lists third-party partners who offer hosting services. Operating System: Windows

383. OpenCart

Nominated for a 2011 Packt Publishing award, OpenCart offers a long list of features and user-friendly operation. Commercial support is available from a variety of international third-party partners. Operating system: Windows, Linux, OS X

384. Order Portal

Part of a complete Web Business Suite, Order Portal is designed to meet the ecommerce needs of manufacturers, value-added distributors and rental companies. The full suite adds CRM, data migration and real-time reporting capabilities. Operating System: Linux

385. osCMax

Another osCommerce fork (see below), osCMax aims to be easy enough for small startups and advanced enough for larger operations. It offers unlimited products and categories, vouchers and coupons, Web-based administration, support for multiple payment processors, spreadsheet-based data entry and more. Operating System: Windows, Linux

386. osCommerce

More than 260,000 merchants use this popular ecommerce software, and it boasts more than 7,000 add-ons, offering maximum flexibility. Support is available through third-party partners. Operating System: Windows, Linux, OS X

387. OXID

OXID claims numerous European online retailers as users, including the Mercedes-Benz used parts site. The project owners also offer paid support and services. Operating System: Windows, Linux, OS X

388. Plici

This French project offers a "powerful and extensible" e-commerce solution. Check out the website for a helpful demo of Plici in action. Be warned that much of the documentation is in French, but English translations are available. Operating System: Windows, Linux

389. PrestaShop

Downloaded more than 2.6 million times, this popular app promises that you can use it to start setting up your own online store in just minutes. Optional paid support and a hosted version called "PrestaBox" are also available. Operating System: Windows, Linux, OS X

390. Satchmo

Django-based Satchmo calls itself "the webshop for perfectionists with deadlines." The site offers links to more than 100 stores created with the software, so you can see it in action for yourself. Operating System: Linux, OS X

391. Self Commerce

A German project, Self Commerce is based on xt:Commerce (see above) and the Smarty template engine. Much of the website documentation is in German, but English versions of the software are available. Operating System: Windows, Linux, OS X

392. SimpleCart (js)

This very lightweight (under 20kb) JavaScript-based shopping cart offers very fast setup and doesn't require a separate database. However, in order to use it, you will need to know HTML. Operating System: OS Independent

393. Spree

Used by Second Life, Wayne Gretzky Estates, Coupon Trade and many other sites, Spree claims to be "the world's most flexible e-commerce platform." In addition to the free community version, it comes in Standard and Premium editions, which offer the same features but add paid support. Operating System: OS Independent

394. Tomato Cart

Designed to be mobile-friendly, Tomato Cart claims to be one of the most innovative open source e-commerce systems available. Key features include an RIA-based administration panel, search engine optimisation, Web analytics, a content management system and a built-in email system. Paid support is available, as is third-party hosting. Operating System: Windows, Linux

395. Ubercart

Ubercart is an e-commerce add-on for the Drupal content management system. It offers a configurable product catalog, single page checkout, anonymous checkout, an integrated payment system and more. Operating System: Windows, Linux, OS X

396. VirtueMart

This add-on for the Joomla CMS offers advanced features like encryption, flexible tax models, shipping address management, multiple currencies and languages and more. The site has a demo and a number of links to live shops that use its shopping cart engine. Operating System: Winodws, Linux, OS X

397. WordPress eCommerce Plug-In

Downloaded more than 1.3 million times, WordPress's eCommerce plug-in is a tried and true way to add e-commerce capabilities to your blog. Support, additional themes and other features and services are available for a fee. Operating System: OS Independent

398. X-Cart

This feature-rich e-commerce solution touts itself as SEO-friendly, easy to customize, fast, secure and 100% PCI-DSS compliant. It comes in supported Gold and Pro editions, and hosting is also available from X-Cart. Operating System: Windows, Linux, OS X

399. xt:Commerce

Smarty-based xt:Commerce is a mature, German e-commerce solution with an English version available. In addition to the free community version, it also comes in premium supported versions with prices in euros. Operating System: Windows, Linux, OS X

400. Zen Cart

This ecommerce solution was designed to make things easy for small business owners who are new to selling online. Extensive video and text documentation are available through the site, and it also provides links to service providers for payment processing, hosting and other related services. Operating System: Windows, Linux

401. ZenMagick

A fork of Zen Cart, ZenMagick offers a clean, uncluttered administrative interface, free shipping and billing modules, built-in Ajax support and more. Commercial support is available through Mixed Matter. Operating System: OS Independent

402. Zeuscart

This open source shopping cart boasts a rich interface, good usability, comparison-driven shopping, SEO-friendly URLs, gift cards, coupons and more. Paid support services, including installation and upgrade help, are available. Operating System: Windows, Linux

Educational Testing

403. iTest

This client-server based software makes it easy to give each student a different version of a test because it can pull questions from a pre-established database. It's available in nine different languages. Operating System: Windows, Linux, OS X.

404. Safe Exam Browser

If you're giving a browser-based test (for example, through a learning management system), this tool locks down the student's system so they can't browse the Internet or access other applications while taking the exam. It can be used with student-owned PCs, as well as with school-owned, networked systems. Operating System: Windows.

405. TCExam

This computer-based assessment software aims to simplify the creation, delivery and scoring of tests. It's available under an open source license for non-commercial use or with a paid commercial license. Operating System: OS Independent

Electronic Health Records (EHR)

406. FreeMED

Under development since 1999, FreeMED is a mature Web-based application that combines EHR capabilities with a practice management system. Asian users can get commercial support through a company called B-Mas; for U.S. users, a very active community provides support. Operating System: Linux

407. GNUmed

This project aims at helping medical providers "better document, understand, plan, and manage their patients' health and health care delivery." It's been translated into multiple languages, and the website includes success stories from practitioners who have used it in several different countries. Operating System: Windows, Linux, OS X

408. GaiaEHR

This Web-based EHR and practice management solution boasts a modern, intuitive interface. See it in action with the online demo. Operating System: Windows, Linux, OS X

409. GNU Health

An official GNU project, this award-winning application combines EMR functionality with a hospital information system and a health information system. It was designed to comply with industry standards, and it's been adopted by the United Nations University. Operating System: Windows, Linux, OS X

410. HOSxP

Short for "hospital and experience," HOSxP is a hospital information system that includes EHR capabilities. Like Hospital OS (see below) it's used by many health care facilities in Thailand, but it is a separate project from Hospital OS. Operating System: Windows, Linux, OS X

411. M

Also known as "Mountain Meadow Medical Records," M is an EMR program that a practice in Virginia has been using for a decade. It offers an intuitive interface and fast performance. Operating System: Windows, Linux, OS X

412. MEDILIG

This "**Medi**cal **Li**fe **G**uard," is a free, collaborative EHR platform. It tracks admissions, visits, demographics, history, operations, labs and much more. Operating System: Windows

413. OpenEMR

Certified by the Office of the National Coordinator of Health Information Technology, OpenEMR boasts that it is "one of the most popular open source electronic medical records in use today." Commercial support is available through third-party partners. Operating System: Windows, Linux

414. OpenMRS

OpenMRS began as a project to fix the medical record system at a clinic in Kenya and has grown into a leading open source medical record system used around the world, particularly in developing countries. It describes itself as "both just a library of API calls and a database and a default implementation of those API calls in the form of a web application." Operating System: Windows, Linux, OS X

415. OpenVista

Owned by Medsphere, Open Vista is the open source version of the Veterans Administration's VISTA EHR system. Because the technology has already been used extensively at more than 1500 VA facilities, it's one of the more mature and usable open source EHR's, and users say it compares very favorably with proprietary solutions. Operating System: Windows, Linux

416. OSCAR McMaster

Supported by McMaster University, the OSCAR EMR is used to support more than 1.5 million patients across Canada. It includes scheduling, e-charting, prescribing, billing, lab downloads, chronic disease management, disease registry, customizable forms and other capabilities that can be accessed via any Web browser. Operating System: Windows, Linux

417. PatientOS

Designed to be user friendly and to fit physician workflows, PatientOS is a modular, customizable EMR system. Commercial support is available through regional partners. Operating System: Windows, Linux, OS X

418. PHYAURA EHR

PHYAURA incorporates EHR capabilities with basic practice management capabilities, and it's ONC-certified. Paid editions add more functionality and support, and it's also available in a hosted version. Operating System: Windows

419. THIRRA

Short for "Telehealth and Health Informatics in Rural & Remote Areas," THIRRA is an IDRC-funded project that provides EHR capabilities and also allows government officials to track outbreaks of infectious diseases. It's currently being used in Malaysia, Nepal, the Philippines and Sri Lanka. Operating System: Windows, Linux

420. Ultimate EMR

Ultimate EMR was designed for use in small practices—the type of healthcare providers least likely to use electronic records. Commercial support is available. Operating System: Windows, Linux, OS X

421. WorldVista

Like OpenVista, WorldVista is also based on the VISTA EHR software developed for the Veterans Administration. It's ONC-ATCB certified, and it adds several modules not included in VISTA, such as pediatrics and obstetrics. Operating System: Windows, Linux

422. ZEPRS

Short for "Zambia Electronic Perinatal Record System," this unique EHR was specifically designed to improve obstetrics care in Africa. It's now been in use in clinics throughout Zambia for five years. Operating System: Linux

Elementary Education

423. ChildsPlay

Best for pre-schoolers and kindergarteners, ChildsPlay teaches letters, numbers and basic computing skills (such as how to use the mouse). It also includes a couple of "just for fun" activities like Pong and Pacman. Operating System: Windows, Linux, OS X.

424. GCompris

This collection brings together more than 100 games suitable for children up to age 10. It covers a wide variety of topics and skills including basic algebra, science, geography, chess, reading, art, telling time and much more. Operating System: Windows, Linux.

425. KLettres

KLettres teaches the very youngest computer users to recognize the appearance and sound of letters and syllables. It's also useful for older computer users who are learning a new language, such as Arabic, Czech, Brazilian Portuguese, Danish, Dutch, British English, English, English Phonix, French, German, Hebrew, Hungarian, Italian, Kannada, Hebrew, Hindi Romanized, Low Saxon, Luganda, Malayalam, Norwegian Bokmål, Punjabi, Spanish, Slovak, Ukrainian or Telugu. (Note that in order to use KLettres on Windows, you'll have to download KDE for Windows.) Operating System: Windows, Linux.

426. TuxMath

Designed for elementary students learning their arithmetic facts, this app aims to make math fun. Students must solve problems quickly in order to keep Tux the Penguin from being crushed by meteors. Operating System: Windows, Linux, OS X.

427. Tux Paint

Popular with the pre-school set, Tux Paint is a kid-friendly drawing program. It includes tons of fun brushes, special effects, stickers and more. Operating System: Windows, Linux, OS X.

E-mail

428. Evolution

Sometimes called "the Outlook of Linux," Evolution offers e-mail, calendar, to-do list and contact management for the Gnome desktop. The interface should feel very familiar for anyone who's ever used Outlook. Operating System: Linux

429. Thunderbird

Made by Mozilla, the organisation best known for the Firefox browser, Thunderbird offers e-mail with a tabbed interface and excellent customisation capabilities. If you would like to add calendar functionality, you'll need to download Mozilla's Lightning as well. Operating System: Windows, Linux, OS X

430. Zmail

This app describes itself as a way to send "fake" email. You can use it send email that looks like it comes from any email address you like. Operating System: OS Independent

E-mail Marketing

431. OpenEMM

Downloaded more than 300,000 times, OpenEMM calls itself the "#1 open source application for e-mail marketing," and because it's been under development since 1999, it's also one of the oldest and most mature tools of its kind. The link above will connect you with the open source download, but commercial support, services, hosting and an SaaS version are available through project owner Agnitas. Operating System: Windows, Linux.

432. phpList

With 10,000 downloads per month, phpList says it's "the world's most popular open source email campaign manager." The software also comes in a beta hosted version with fees based on the number of messages sent. Operating System: OS Independent.

Encryption

433. APG

APG (a.k.a. Android Privacy Guard) is an implementation of the OpenGPG encryption standard for Android. It's a work in progress, but already it allows users to encrypt, decrypt and sign messages, as well as to manage keys. Operating System: Windows

434. AxCrypt

With more than 2.7 million registered users, this application claims to be the "leading open source file encryption software for Windows." It encrypts individual files or messages, and it integrates with the Windows Explorer and well as many cloud services. Operating System: Windows

435. Crypt

Just 44 KB in size, Crypt is an extremely lightweight, fast encryption utility that runs from the command line. It requires no installation and can be run directly from a USB key or other removable media. Operating System: Windows

436. FreeOTFE

Like LUKS, this app encrypts an entire drive. With it you can create and encrypt virtual disks on your hard drive. It's also highly portable and can run from a thumb drive. Operating System: Windows

437. Gnu Privacy Guard (GPG)

This implementation of the OpenPGP standard allows for the encryption and signature of data and digital communications. It's another command-line tool, but front ends are available for those who prefer a graphic interface. Operating System: Linux

438. gpg4win

As you can probably tell from the name, this is a version of GPG for Windows. It installs easily and offers an intuitive interface. Operating System: Windows

439. GPG Tools

This app ports GPG for Mac users and is based on MacGPG. Several other encryption-related tools are also on the site. Operating System: OS X.

440. LUKS/cryptsetup

Short for "Linux Unified Key Setup," LUKS calls itself "the standard for Linux hard disk encryption." While many of the other apps on our list encrypt files one by one, LUKS encrypts your entire drive. Operating System: Linux

441. MCrypt

This replacement for the Unix crypt allows developers to add a wide range of encryption functions to their code, even if they don't know a lot about cryptography. The Web site contains a list of supported algorithms that are included in the Libmcrypt library. Operating System: Windows, Linux, Unix

442. NeoCrypt

NeoCrypt supports multiple encryption algorithms, including AES, DES, Triple-DES, IDEA, RC4, RC5, CAST-128, BlowFish, SkipJack. It runs from an easy-to-use GUI, and it also integrates with the Windows Shell so that you can encrypt and decrypt files right from Windows Explorer. Operating System: Windows

443. TrueCrypt

With more than 26 million downloads to its credit, TrueCrypt is both very popular and very powerful. It's a particularly good option if you need to encypt an entire disk or an entire partition. Operating System: Windows.

Enterprise Resource Planning (ERP)

444. ADempiere

Developed by a very active community, ADempiere offers a full suite of ERP capabilities that integrate with other open source applications. It includes functionality for HR, sales, purchasing, manufacturing, materials, finance, maintenance and project management. Operating System: Windows, Linux, OS X, others

445. allocPSA

PSA software is similar to ERP software, but designed to meet the needs of services businesses, like consultants, IT outsourcers, marketing agencies, engineering firms, etc. This app includes help-desk, sales, time-sheeting, CRM, project tracking and other features, and it comes in the open source version or a fee-based SaaS version. Operating System: OS Independent

446. Apache OFBiz

Offering "enterprise automation," Apache OFBiz includes CRM, e-commerce, supply chain, manufacturing, maintenance management, and point of sale capabilities, as well as traditional ERP features. It boasts flexibility and low total cost of ownership. Operating System: OS Independent

447. Compiere ERP + CRM Business Solution

Calling itself the "leading Cloud-based, open-source ERP software and customer relationship management (CRM) system," Compiere claims to be modern, adaptable and affordable. It comes in community and enterprise editions, as well as a cloud version that runs on Amazon Web Services. Operating System: Windows, Linux, OS X

448. Dolibarr ERP/CRM

Best for small businesses, freelancers and foundations, Dolibarr can be used on a standalone system or on a server for multi-user access. Several vendors offer cloud-based versions as well. Operating System: OS Independent

449. ERP5

In addition to standard ERP features, this app also offers CRM, MRP, SCM and product design management. Commercial support and services are available through third-party partners. Operating System: Linux

450. GNU Enterprise

GNU Enterprise contains a host of developer and ERP tools, including human resources, accounting, CRM, project management, supply chain management, and e-commerce features. Its modular design and open architecture make it easy to customize and easy to maintain. Operating System: Windows, Linux, OS X.

451. JAllInOne ERP/CRM

Despite its name, JAllInOne is primarily an ERP solution with some basic CRM functions. It provides all the standard ERP functionality and supports multiple users, multiple languages, and multiple companies. Operating System: OS Independent.

452. JFire

Java-based JFire aims to be a highly flexible ERP solution and includes a development platform for those who want to customize the software themselves. Paid coaching, consulting and development services are available. Operating System: OS Independent

453. Neogia

Designed for small to mid-sized businesses, Neogia offers a modular ERP with tools for tracking finance, e-commerce, manufacturing, sub-contractors, CRM, distribution, facilities, stock and e-commerce. The site includes an online demo so you can see it in action. Operating System: Windows, Linux

454. Openbravo

This popular open source ERP solution offers tools for retailers, distribution, manufacturing, services and coworking. A variety of on-premise and cloud-based deployments are available with both commercial and open source licenses. Operating System: OS Independent

455. OpenERP

OpenERP promises "beautiful business applications" for CRM, point of sale, accounting, project management, HR, warehouse, sales, manufacturing, purchasing and more. You can download the free community version, purchase support from a partner, or use the cloud version for a monthly fee. Operating System: Windows, Linux

456. opentaps

Opentaps counts Toyota, Honeywell and some other well-known companies among its users. Besides the free, downloadable software, the company also offers paid update services, a professional edition, consulting, training and more. Operating System: Windows, Linux

457. Phreedom

This project began life as the Phreebooks accounting suite, but grew into a full-fledged ERP solution with tools for tracking inventory, contacts, shipping and more. Paid support is available on a per-hour basis. Operating System: OS Independent

458. Plazma ERP + CRM

Another solution for SMBs, Plazma includes tools for tracking contacts and accounts, sales and projects, orders and invoices, marketing compaigns, phone calls, meetings and document management. The interface is basic but easy to use. Note that it requires a SQL database in order to run. Operating System: Windows, Linux, OS X

459.]project-open[

With more than 150,000 downloads, project-open claims to be the "leader in open source project management." In addition to the free community edition, it also comes in paid professional and enterprise versions. Operating System: Windows, Linux

460. Postbooks/xTuple ERP

xTuple claims to be the "worlds #1 open source ERP software." It comes in multiple versions that can run on-site or in the cloud; the PostBooks version is the one that's available as a free download with an open source license. Operating System: Windows, Linux, Unix, OS X

461. SQL-Ledger

This Web-based ERP solution installs in just minutes and offers a very simple, intuitive interface. It also comes in an enterprise edition that includes technical and development support. Operating System: Windows, Linux, OS X

462. TNT Concept

Best for small to medium-sized enterprises or independent professionals, this software describes itself as a "tool for Management of Operational Effectiveness." It's not a substitute for accounting software, but a complementary piece of software that eliminates the need for the multiple spreadsheets that many small business owners and managers use to run their companies. It's also available on an SaaS basis. Operating System: OS Independent.

463. webERP

Although it can be used by any type of company, webERP is particularly well suited for wholesale, distribution and manufacturing businesses. Commercial support is available through several partners, including some of the main developers working on the project. Operating System: OS Independent

Family Tracing and Reunification

464. RapidFTR

In crisis situations like earthquakes and other disasters, children often get separated from their families. This mobile app makes it easier to collect, share and manage information about these children so that they can be reunited with their families more quickly. Operating System: OS Independent

Feed Reader

465. Stringer

Still looking for an alternative to Google Reader? If you're tech-savvy enough to deploy it on your own server, Stringer might be for you. It's a "self-hosted, anti-social RSS reader" with no social or sharing capabilities but plenty of keyboard shortcuts. Operating System: OS Independent

File Managers

466. Explorer++

Explorer++ extends the capabilities of the standard Windows Explorer with tabbed browsing, an improved interface, keyboard shortcuts, file merge, file split, and customisation capabilities. Like the regular Windows Explorer, it also offers drag-and-drop functionality. Operating System: Windows

467. Krusader

The KDE file manager, Krusader is a twin-panel commander-style file manager. It boasts extensive support for archived files, advanced search, batch re-naming, file content comparisons and more. Operating System: Linux

468. muCommander

Java-based muCommander supports local volumes plus FTP, SFTP, SMB, NFS, HTTP, Amazon S3, Hadoop HDFS and Bonjour. It makes it easy to quickly move and rename files and also includes compression capabilities. Operating System: Windows, Linux, OS X.

469. Nautilus

Nautilus, the file manager for the Gnome desktop, is available for most Linux distributions. The intuitive interface should feel familiar to anyone who's ever used a file manager. Operating System: Linux

470. QTTabBar

Similar to Explorer++, this very popular open source project extends the functionality of Windows Explorer with tabs and other interface improvements. Support for Windows 8 is planned. Operating System: Windows.

471. SurF

SurF brings a fresh approach to file management with a unique, tree-based list of files. Other features include brief highlighting of new and recently changed files, auto-complete for search terms and network support. Operating System: Windows

472. TuxCommander

Like other "Commander" style file managers, TuxCommander offers a two-paned interface. It also features support for large files, a tabbed interface, a customizable mounter bar, associations and more. Operating System: Linux

File Sharing

473. ABC (Yet Another BitTorrent Client)

Forked from BitTornado, ABC also supports the BitTorrent network. Features include multiple downloads in a single window, a prioritized queuing system, customizable interface and more. Operating System: Windows

474.ANts P2P

Designed to protect users from tracking, ANts P2P promises excellent security. It encrypts all traffic and hides your IP address. Operating System: OS Independent

475. Ares

This file sharing client includes a chat functionality that makes it easy to meet and interact with other Ares users. Other key features include fast downloads, a built-in media player and a helpful library management tool. Operating System: Windows

476. BitTornado

BitTornado is an alternative front-end for accessing the BitTorrent file-sharing network. Be warned that it's not particularly user-friendly for those who are new to file sharing. Operating System: Windows, Linux, OS X

477. BT++

This app aims at improving the original BitTorrent client. Current features include multiple downloads in a single window, minimize to the system tray, and automatic re-starting of interrupted torrents. In the future, developers plan to add enhanced bandwidth throttling and better OS/browser integration. Operating System: Windows, Linux/Unix

478. DC++

Highly rated DC++ has been downloaded more than 50 million times. It has a basic interface with no ads, and it offers plenty of help for newbie users. Operating System: Windows

479. eMule/eMule Plus

One of the more popular file sharing clients, eMule (and eMule Plus) boasts an easy-to-use interface, fast performance and good search capabilities. The latest version supports Windows 7 and 8. Operating System: Windows

480. FrostWire

FrostWire is a BitTorrent client with a built-in media player. It also plays Internet radio and sends downloaded files to iTunes. Operating System: Windows, Linux, OS X

481. Mute

Like ANtS, Mute focuses on security and privacy protection. Its routing mechanism is based on research into how ants forage for food. Operating System: OS Independent

482. RetroShare

With most file sharing apps, you open up your files to the entire Internet, but with RetroShare, you share files and communicate only with trusted friends. It lets you set up your own secure file-sharing network and offers features like encrypted and communications and strong authentication. Operating System: Windows, Linux, Unix, BSD

483. Shareaza P2P

Calling itself the "ultimate P2P client," Shareaza supports the EDonkey2000, Gnutella, BitTorrent and Gnutella2 networks. It also has multiple-source downloads, sophisticated file hashing, global search, customisation capabilities, preview filters and more. Operating System: Windows

484. Sharefest

If you combined Dropbox and Bittorrent, the result would be something like Sharefest. It allows you to share files with anyone without storing them in the cloud. The link above takes you to the actual service, but you can find the source code on GitHub. Operating System: OS Independent

485. StealthNet

Using similar technology as MUTE, StealthNet routes all traffic through multiple nodes and encrypts communication. And unlike some similar apps, StealthNet aims to be easy for newbies to use. Operating System: OS Independent

486. Vuze

One of the most popular BitTorrent clients, Vuze makes it easy for novices to get started downloading hi-def video while offering plenty of features for advanced users. Operating System: Windows, Linux/Unix, OS X

487. WASTE again

Like RetroShare, WASTE again can be used to create a DarkNet, a closed file-sharing network. It's a fork of the older program known as WASTE, which hasn't been updated in several years. Operating System: OS Independent

File Transfer

488. Connectbot

Need to transfer files to an Android device? This SSH client will allow to move your files securely. Operating System: Android

489. FileZilla

While WinSCP offers only a client version, FileZilla offers both a client version and a server version that allows you to set up your own FTP server. It supports FTP, FTPS and SSH transfer protocol. Operating System: Windows, Linux, OS X

490. FireFTP

This Firefox add-on has been downloaded more than 22 million times. It allows you to download files via FTP or SFTP right from your browser window. Operating System: Windows, Linux, OS X

491. WinSCP

Extremely popular, the award-winning WinSCP includes an SFTP client, SCP client, FTPS client and FTP client. It offers two different interfaces and also includes an integrated text editor. Operating System: Windows

Flashcards

492. Anki

This app boasts that it can help students learn just about any type of information, whether they are learning a new language, studying for medical exams or trying to remember guitar chords. It comes in iOS and Android versions, making it ideal for learning on the go. Operating System: Windows, Linux, OS X, iOS, Android.

493. FlashQard

Using the Leitner method of presenting flashcards, this app optimizes your study time for maximum efficiency by focusing on the information you don't yet know. Create your own cards for any subject or use one of the pre-made card sets for learning languages or geography facts. Operating System: Windows, Linux.

494. Genius

If you need to memorize something—anything—Genius can help. It's a spaced repetition flashcard program that can help you pass a test, master a subject, prepare for a speech and more. Operating System: OS X

495. jVLT

Very similar to FlashQard, Java-based jVLT also uses the Leitner method to help students master concepts. However, this app focuses primarily on vocabulary, making it ideal for students who are studying a foreign language. Operating System: Windows, Linux, OS X

496. The Mnemosyne Project

One of the better flashcard apps available, Mnemosyne was born from a research project that is studying the nature of long-term memory. It supports multiple card formats and uses an algorithm to determine which card should appear next. Users who choose to do so can upload their progress anonymously in order to provide data for the research team. Operating System: Windows, Linux, OS X, Android/

497. Parley

In addition to traditional flashcards, Parley also utilizes anagrams, multiple choice, fill-in-the-blank, synonym/antonym and other types of tests to improve your vocabulary. Many user-created card sets are available at KDE for Windows. Operating System: Windows, Linux

498. Pauker

Java-based Pauker lets you take your flashcards with you on almost any device. Like many of the other apps in this category, it uses the Leitner method of flashcard presentation to strengthen your ultra-short-term, short-term, and long-term memory. Operating System: OS Independent

Fonts

499. Font Awesome

Developed for Bootstrap, Font Awesome is a set of icons related to Web activities. They're vector graphics (meaning they're easy to scale) and they look good on high-resolution screens. Operating System: OS Independent

Foreign Language Instruction

500. Step Into Chinese

This isn't a full-featured training program like Rosetta Stone, but it does give you the basics you need to start learning Mandarin: a dictionary with more than 26,000 Chinese words, pronunciation guide, flashcards and more. Operating System: Windows, Linux, OS X

501. Zkanji

Another simplified foreign language study tool, Zkanji teaches you Japanese characters and words, including stroke directions for forming characters. The dictionary is very extensive, and the helpful flashcard tool automatically tests you more often on the words you don't know as well. Operating System: Windows

502. ZWDisplay

Another option for students of the Chinese language, ZWDisplay uses color creatively to help reinforce concepts learned. Like the other apps in this category, it includes both a dictionary and flashcard capabilities. Operating System: Linux

Forensics

503. ODESSA

The Open Digital Evidence Search and Seizure Architecture, aka "ODESSA," offers several different tools that for examining and making reports on digital evidence. This is an older project, but still valuable. Operating System: Windows, Linux, OS X

504. The Sleuth Kit/Autopsy Browser

These two apps work together: The Sleuth Kit offers command line tools for conducting digital investigations, and Autopsy Browser offers a browser-based GUI for accessing those tools. The project also now includes a Hadoop framework for large-scale data analysis. Operating System: Windows, Linux, OS X

Forum Software

505. Discourse

Discourse calls itself a "discussion platform" and aims to modernize Web forums. Eventually, they plan to offer a hosted platform, but the open source code is available now. Operating System: OS Independent

Games

506. 0 A.D.

Designed to be historically accurate, this game features civilisations that existed between 500 B.C. and 500 A.D. Highly rated, it's won numerous awards and honors. Operating System: Linux, Windows, OS X

507. Advanced Strategic Command

"Designed in the tradition of the Battle Isle series," this turn-based strategy game offers single- or multi-player play. Opposing military forces duke it out on a hexagonal grid. Operating System: Windows, Linux.

508. Alien Arena

This FPS offers "online fragging at its best" with "immersive arenas, freaky and violent weapons, and a vibrant community." Multiple community websites offer more info about the game, as well as the opportunity to find and join games. If you prefer, you can also play offline against the computer. Operating System: Linux, Windows, OS X.

509. AssaultCube

This lightweight shooter offers exceptionally realistic graphics and addictive game play. Comes with 26 maps and 12 different multi-player game modes. Operating System: Linux, Windows, OS X

510. AssaultCube Reloaded

This fork of the popular first-person shooter integrates some of the best features of Battlefield, Quake and Call of Duty into AssaultCube, while maintaining a lightweight footprint. Other improvements include ricochet shots, new weapons, improved radar and more. Operating System: Windows, Linux

511. Battle for Wesnoth

This popular turn-based strategy game offers multiple sagas to play: battle for the throne, guard an outpost, unite the orcish tribes, or choose one of the many other storylines. Play alone or with up to eight online players. Operating System: Linux, Windows, OS X, iOS

512. Billiards

This game offers gameplay that is a realistic version of games played on billiards or pool tables. The 3D graphics are nice, but it lacks sound and some other features that you might expect in commercial software. Operating System: Linux

513. Bombermaaan

This is a remake of the classic Bomberman game where you blast your way out of a puzzle using bombs and other tools. Up to five players can play at the same time on the same system, or you can play against the computer. Operating System: Windows, Linux

514. BosWars

Build up your stores of energy and manage your economy while battling enemies in this real-time strategy game. The graphics are good, and it supports both single- and multi-player games. Operating System: Windows, Linux, BSD, OS X

515. Brain Workshop

Research suggests that dual n-back activities can improve working memory and fluid intelligence, and they also seem to help some ADHD/ADD sufferers. Downloaded more than 384,000 times, Brain Workshop lets you give your brain a workout by trying dual n-back exercises for yourself. Operating System: Windows, Linux, OS X

516. BZFlag

Short for "Battle Zone Capture the Flag," BZFlag is a multiplayer, online 3D tank game. More than 300 people run online servers, so it's usually pretty easy to find a game to join. Operating System: Windows, Linux, OS X

517. Chromium B.S.U.

Chromium B.S.U. describes itself as a "fast-paced, arcade-style, top-scrolling space shooter." Game play is intentionally difficult, with typical games lasting less than 15 minutes. Operating System: Windows, Linux, OS X

518. Classic Nexuiz

This incredibly popular shooter was recently remade for Xbox 360 or PCs, and is no longer open source. Even worse, bankruptcy proceeding have led to server problems, and you can no longer find online games for the new version. However, you can still download and play the classic version, which is still open source. Also, rumors suggest a free-to-play version of the new game may be coming soon. Operating System: Windows, Linux, OS X

519. CommanderStalin

This BosWars fork transports the action to Soviet-era Russia. The goal is to build up your forces and economy before the Nazis inevitably attack. Operating System: Windows, Linux

520. Crossfire

This multi-player action and adventure game has grown to include more than 150 monsters, about 3000 maps and countless treasures. Choose to collaborate or compete with others while you play as one of the 15 different types of characters. Operating System: Windows, Linux, OS X

521. Cube Trains

In this unique puzzle game, you have to connect city tunnels and tracks in a very confined amount of space. It comes with nine levels, or you can buy the $2 expansion pack that gives you eleven more levels. Operating System: Windows, Linux, OS X

522. Dakar 2011

In this newer racing game, you drive in the Dakar rally through 14 different stages based on real maps. It includes six different vehicles and 140 different opponents. Operating System: Windows, Linux

523. Domination

This is a Java-based adaptation of the board game Risk. There are a few differences from the original board game, but it should feel very familiar to most players. Operating System: Windows, Linux, OS X, Android

524. Egoboo

This 3D dungeon-crawler challenges players to save Lord Bishop from the clutches of the evil Dracolich, slaying hordes of monsters along the way. Play with up to four other people as you make your way through 40 different dungeons. Operating System: Windows, Linux, OS X

525. Enigma

Inspired by Atari's Oxyd and Amiga's Rock'n'Roll games, this popular game has been downloaded thousands of times. The goal is to find matching pairs of stones while avoiding traps and obstacles and solving puzzles and mazes. Operating System: Windows, Linux, OS X

526. Excalibur: Morganna's Revenge

In this action-adventure game, you time travel back to the world of King Arthur and Merlin, where you can battle through 42 solo levels or 27 multi-player network levels. The website warns, "Do not expect the latest state-of-the-art graphics engine, but you can expect an intriguing storyline, creative map architectures, engaging graphics, original spellbinding music, and mood-setting sound effects." Operating System: Windows, Linux, OS X

527. Extreme Tux Racer

Guide Tux the Linux penguin as he slides on his belly through a high-speed arctic course. This is an update of the classic Tux Racer game. Operating System: Windows, Linux, OS X

528. Fish Fillets NG

Fish Fillets NG features 70 different levels of puzzles where the object is always to free the fish. While you play, the various characters in the game will make amusing comments or even fight amongst themselves, adding a layer of humor to the game. Operating System: Windows, Linux, OS X

529. FlightGear

With its realistic aircraft, controls and topography, FlightGear is very similar to commercial, closed source flight simulators that can cost hundreds of dollars. In addition to the main program, the website offers downloads for multiple types of aircraft and multiple sets of scenery for the entire world. You can also purchase disks with the program, scenery and planes. Operating System: Windows, Linux, OS X, others

530. Foobillard++

This is also a remake of an earlier open source game. Check out the screenshots on the site to see the excellent graphics for this billiards game. Operating System: Windows, Linux

531. FreeCol

Similar to the game Civilisation, this turn-based game requires you to build up an independent country, starting with just a few colonists. It includes multiple types of units, terrain, goods and more. Operating System: Windows, Linux, OS X

532. FreeCiv

FreeCiv was also inspired by Civilisation. This turn-based strategy game supports up to 128 players and offers more than 50 units from more than 300 nations. Operating System: Windows, Linux, OS X

533. FreeOrion

Inspired by the Master of Orion games, FreeOrion is a turn-based strategy game set in space. Take over the galaxy by building up your economy and defeating your enemies. Operating System: Windows, Linux, OS X

534. Frets on Fire

This open source version of Guitar Hero can be played with a guitar controller or with your keyboard. It supports Guitar Hero songs, or you can import songs developed by the community or create your own with the song editor. Operating System: Windows, Linux, OS X

535. Frozen Bubble

This bubble shooter is very highly addictive. It includes 100 levels for single players or you can try one of the multiplayer versions via a LAN or the Internet. Operating System: Windows, Linux

536. GBrainy

Keep your brain in shape with these logic, calculation, memory and analogy games. A variety of levels makes it appropriate for all ages. Operating System: Windows, Linux

537. The Genius

Play the classic game of chess against another human or an AI player. The interface is easy to understand, and it offers four levels of play for anyone from a first-time player to an expert. Operating System: Windows

538. Get Sudoku Portable

Stumped by a Sudoku puzzle? Enter the values you know into this app and it will help you keep track of the possible answers for all of the other boxes. Operating System: Windows

539. Glest

The forces of Tech battle the forces of Magic in this award-winning 3D real-time strategy game. Check out the gallery on the website for plenty of screenshots and information about the tech tree and buildings. Operating System: Windows, Linux

540. GLtron

Inspired by the movie Tron, this movie features lightcycles that race around a futuristic track. It's an older game, but still playable. Operating System: Windows, Linux, OS X

541. GnomeGames

This is the collection of 15 casual games included in the Gnome desktop. Most of the familiar games can be played in five minutes or less. Operating System: Linux

542. GNU Backgammon

Just like a human player, the AI player in this app is getting better at playing backgammon all the time. Challenge yourself by playing a game or use the engine to analyze and improve your play. Operating System: Windows, Linux, OS X

543. Golems

This recreational physics simulator lets you build a virtual representation of nearly anything—robots, vehicles, weapons, gadgets, you name it. Unleash your inner inventor! Operating System: Windows, Linux, OS X

544. Hedgewars

This light-hearted game describes itself as "a turn based strategy, artillery, action and comedy game, featuring the antics of pink hedgehogs with attitude as they battle from the depths of hell to the depths of space." Up to eight players can play at once in battles with up to 48 hedgehogs. Operating System: Windows, Linux, OS X, iOS

545. I Have No Tomatoes

How many tomatoes can you smash in ten minutes? Find out with this off-beat and highly unusual puzzle game. Operating System: Windows, Linux

546. JVGS

Imagine a platform game where the main character is a poet and all the graphics look like stick figures. This unusual minimalist game also features haunting music and words as part of the landscape. Operating System: Windows, Linux, OS X

547. KDE Games

KDE offers a similar, slightly larger, collection for its desktop. It includes versions of mah jong, battleship, golf, solitaire, minesweeper, sudoku and more. Operating System: Windows, Linux

548. Kernel Panic

This real-time strategy game takes place in the world of computers and hackers. Unlike most similar games, all the resources are free, putting the emphasis on strategy and making the game faster-paced. Operating System: Linux, Windows

549. The Legend of Edgar

The website sets up the Legend of Edgar this way: "When Edgar's father fails to return home after venturing out one dark and stormy night, Edgar fears the worst: he has been captured by the evil sorceror who lives in a fortress beyond the forbidden swamp. Donning his armour, Edgar sets off to rescue him, but his quest will not be easy..." It's a 2D platform game with plenty of running, jumping, battles and puzzles. Operating System: Windows, Linux, OS X

550. LinCity NG

LinCity NG is based on the original Sim City game with some updates and improvements. As in the original, you work to build a self-sustaining economy in your city. Operating System: Windows, Linux, OS X

551. Liquid War

This is an older game, but still noteworthy because of its unusual nature. Instead of commanding soldiers, you command an army of liquid that you use to try to swallow up your enemies. Operating System: Windows, Linux, OS X

552. Linley's Dungeon Crawl

If you miss some of the really old dungeon crawlers like Rogue, Hack and Moria, this game is for you. The goal is to retrieve the Orb of Zot from deep in a subterranean cavern and return it to the surface. Operating System: Windows, Linux, OS X

553. The Mana World

The Mana World is a 2D, open source massively multiplayer online role-playing game (MMORPG). It's still in the early stages of development, but online servers are available. Operating System: Windows, Linux, OS X

554. MegaGlest

Forked from the award-winning Glest, MegaGlest is a real-time strategy game where you can play as Tech, Magic, Egypt, Indians, Norsemen, Persian or Romans. It includes 17 different settings and you can choose single- or multi-player games. Operating System: Windows, Linux

555. Micropolis/OLPC SimCity

This project is built on the original source code for SimCity. Because of naming rights issues, this version is called Micropolis, but with approval from the company that owns of the trademark rights, they plan to release a version for the One Laptop Per Child project called "OLPC SimCity." Operating System: Linux, Unix

556. Neverball

Puzzles pair with arcade action in this game where you carefully tilt the floor to guide a ball through a series of obstacles before you run out of time. Also includes a bonus golf game. Operating System: Windows, Linux, OS X

557. Oolite

In this space simulator game, players travel around the galaxy in spaceships, visiting space stations and planets while fighting off enemy ships. It's based on the game Elite, and it's designed to be easily expandable and customizable. Operating System: Windows, Linux, OS X

558. OpenArena

Designed for adult audiences, OpenArena is a clone of Quake III Arena that offers offline or online play. Choose from multiple game styles, including deathmatch, tournament, capture the flag, overload, harvester, and many more. Operating System: Windows, Linux, OS X

559. OpenCity

If you're looking for a city development simulator that is not a SimCity clone, this option might be for you. Gameplay is a little complicated, but there are a manual and tutorials on the website. Operating System: Windows, Linux, OS X

560. Open Sonic

Like Sonic Robo Blast (below), Open Sonic is based on the well-known Sonic the Hedgehog series, but this version is 2D, not 3D. It's available in multiple languages, and you can create your own levels with the level editor. Operating System: Windows, Linux, OS X

561. OpenTTD

Inspired by Transport Tycoon Deluxe, OpenTTD challenges players to build a successful transportation empire. It improves on the features of the original with bigger maps, support for up to 255 players, improved pathfinding algorithms and much more. Operating System: Windows, Linux, OS X

562. Pax Brittanica

This unique real-time strategy game requires you to use just a single button. Battle against up to four other players to be the last submarine still alive. Operating System: Windows, Linux, OS X

563. Performous

For those who want to perfect their song and dance moves, Performous mashes together dancing, guitar playing and singing into one fun game. It's karaoke meets Dance Dance Revolution meets Guitar Hero—and all you need is a PC to play. Operating System: Windows, Linux, OS X

564. Pingus

If you fondly remember the old game Lemmings, you might like Pingus. It offers 77 levels of puzzles where you must get a group of penguins through a variety of challenges. Operating System: Windows, Linux, OS X

565. Pioneer

In this open-ended "game of lonely space adventure," you can try your hand as an explorer, space pirate, bounty hunter or smuggler. It has a very active development community with new updates nearly every month. Operating System: Windows, Linux, OS X

566. PlaneShift

This completely free role-playing game invites you to fight monsters, cast spells, solve puzzles, gain magical items, complete quests and craft new items. It's still under heavy development but boasts hundreds of players. Operating System: Windows, Linux, OS X

567. PokerTH

One of the better Texas Hold 'Em apps you'll find anywhere, PokerTH offers great graphics and an intuitive interface. Register at Poker-heroes.com to join an online game and see where everyone stands in the rankings. Operating System: Windows, Linux, OS X, Android

568. Powermanga

If you ever played the arcade game Galaga, Powermanga will feel familiar. This 2D space shooter includes 41 levels and more than 200 sprites. Operating System: Linux

569. Pushover

This is a remake of a game designed in the 90s that involves guiding ants to knock over dominoes. Like the original, it includes 11 different kinds of dominoes, making the levels challenging. Operating System: Windows

570. PySolFC

With this app, you get more than 1,000 different versions of Solitaire in one convenient package. Features include multiple card decks and backgrounds, sound, unlimited undo, hints, demos and more. Operating System: Windows, Linux, OS X.

571. Red Eclipse

Based on the Cube Engine, this arena shooter has been called "nothing short of stupendous." It combines excellent graphics with unique abilities like Parkour, impulse boosts, dashing and more. Operating System: Windows, Linux, OS X

572. Rigs of Rods

Extremely popular, Rigs of Rods is a vehicle simulator that boasts a unique soft-body physics engine. The active user community has created many additional vehicles, landscapes and even racetracks that are also available for download from the website. Operating System: Windows, Linux, OS X

573. Rocks'N'Diamonds

A definite oldie, Rocks'N'Diamonds is a multiplayer arcade game "in the tradition of" Boulder Dash, Emerald Mine, Supaplex and Sokoban. Thanks to an active user community, tens of thousands of levels are available. Operating System: Windows, Linux, OS X

574. Ryzom

This award-winning MMORPG features an elaborate storyline that takes place in the year 2531 on the distant planet Atys, which also happens to be an enormous tree. Note that while the game itself is free, unlimited play requires a subscription. Operating System: Windows, Linux, OS X

575. Scrabble

With this version of Scrabble, you can choose to play the classic board layout or try your hand at 3D Scrabble or the 21x21 SuperScrabble Board. You can compete against the computer or against up to three online players. Operating System: Windows, Linux, OS X

576. Scorched3D

In this updated version of the Scorched Earth tank game, you can take on up to 24 online opponents or just play against the computer. The 3D graphics are remarkably detailed, and the landscape alters realistically as the missiles and shells make impact. Operating System: Windows, Linux, OS X

577. Secret Maryo Chronicles

If you remember the old 2D Mario Bros. games fondly, you'll probably enjoy Secret Maryo Chronicles. It offers great old-school jump and run gameplay with plenty of levels. Operating System: Windows, Linux

578. Seven Kingdoms: Ancient Adversaries

This is an updated version of the Seven Kingdoms real-time strategy game that was originally released in 1997. Choose your kindgom--Chinese, Egyptians, Greeks, Japanese, Maya, Mughuls, Normans, Persians, Vikings, Zulus--then begin training your army, building your economy and spying on your enemies in single-player or multi-player games. Operating System: Windows

579. ScummVM

ScummVM allows you to port many classic point-and-click adventure games to nearly any platform you like, including many mobile platforms. Supported games include Simon the Sorcerer 1 and 2, Beneath A Steel Sky, Broken Sword 1 and Broken Sword 2, Flight of the Amazon Queen, Monkey Island, Day of the Tentacle, Sam and Max, and dozens of others. Operating System: Windows, Linux, OS X, and many others

580. Simutrans

Like OpenTTD, Simutrans offers a free alternative to Transport Tycoon Deluxe. You can play on your own or join online games with players around the world. Operating System: Windows, Linux, OS X

581. SlipStream

Designed to support any type of vehicle that could be driven around a racetrack, SlipStream is more difficult to learn than some other vehicle simulators, but offers more realistic handling as a tradeoff. It's a young project that's early in development, but is already usable. Operating System: Linux

582. Spring: 1944

Designed to be as historically accurate as possible, this game is set during World War II and features vehicles and armament from the time period. Players can opt to play as US, Germany, the USSR or Britain. Operating System: Linux

583. SokoSolve

SokoSolve offers a version of the classic Sokoban game which requires players to push one box at a time to achieve a desired configuration. In addition to the game, the download provides other tools for Sokoban fans, including a solver and a library. Operating System: Windows

584. Sonic Robo Blast 2

As you might expect, this platform game is inspired by the Sonic the Hedgehog series. It's a 3D game with plenty of levels and speed. Operating System: Linux

585. Speed Dreams

A fork of TORCS (see below), this auto-racing game offers superb 3D graphics and a huge array of cars and tracks. Note that an OS X release is planned but isn't quite finished yet. Operating System: Windows, Linux

586. Spring: 1944

As you might guess from the title, this app is a WWII-theme real-time strategy game with period-accurate units and strengths. Play as the US, Germany, USSR or Britain. Operating System: Linux

587. Steel Storm Episode I Set in a futuristic world, Steel Storm is a top-down shooter with fast-paced action that doesn't take too long to play. Note that while Episode I has an open source license, Episode II is a commercial product. Operating System: Windows, Linux

588. Stendhal

This MORPG describes itself as "fun and friendly." The graphics and gameplay are fairly old-school, but it still boasts a very active, though fairly small, community of players. Operating System: Windows, Linux, OS X

589. StepMania

This alternative to Dance Dance Revolution tests players' ability to stay in rhythm. Play with dance pads or your keyboard. Operating System: Windows, Linux/Unix, OS X, XBox

590. Stunt Rally

Although it's less than two years old, this racing game is based on VDrift and OGRE, so it's very complete and mature. The graphics are fabulous, and it includes 127 different tracks and 19 cars, plus a track editor so you can create your own racecourses. Operating System: OS Independent

591. Summoning Wars

This fantasy game offers single- or multi-player action for up to eight players. The website offers many screenshots, so you can check out the graphics and gameplay before downloading. Operating System: Windows, Linux, OS X

592. SuperTux

This game is similar to the classic 2D, side-scrolling Mario games, except that it features Tux the penguin instead of plumbers. It comes with 26 levels of play. Operating System: Windows, Linux, OS X

593. SuperTuxKart

This frequently updated racing game offers more than 20 tracks and split-screen multi-player action. Steer Tux the penguin around the track while watching out for bowling balls, plungers, bubble gum and cakes thrown by your opponents. Operating System: Windows, Linux, OS X

594. T^3 Portable

Play Tetris in 3D! It's simple, familiar and fun. Operating System: Windows

595. Teeworlds

In this 2D, side-scrolling action game, you guide your cartoon-like character through a variety of landscapes while battling up to 16 other online players. It also includes the ability to design your own maps. Operating System: Windows, Linux, OS X.

596. Those Funny Funguloids

Who wouldn't love a game about collecting mushrooms in space? This unique game also has elements of a simulator—you collect mushrooms and bring them back to your base to earn profits. Operating System: Windows, Linux

597. TORCS

The Open Race Car Simulator (TORCS) is all about realism with superb graphics, realistic physics and details like smoke, skid marks and glowing disk brakes. Multiple cars and tracks are available, and you play in single- or multi-player mode. Operating System: Windows, Linux, OS X

598. Tremulous

Award-winning Tremulous combines traditional real-time strategy game features with first-person shooter action. Play as either aliens or humans, building structures and attacking the enemy. Operating System: Windows, Linux, OS X, XBox

599. TrueCombat

TrueCombat offers a whole series of shooter games based on the same engine. Each pits special ops forces against terrorists. Operating System: Windows, Linux, OS X

600. UFO:Alien Invasion

Welcome to the year 2084, when you head up a secret organisation defending planet earth from alien invaders. Choose to play in Geoscope mode, where you control the flow of time, or Tactical mode, which offers turn-based play. Operating System: Windows, Linux, OS X

601. Ultimate Stunts

This racing game adds features like loops, corkscrews and jumps to the standard track. It's a remake of the DOS game Stunts with new features like 3D sound, OpenGL graphics and online multi-player capabilities. Operating System: Windows, Linux, OS X

602. Ultrastar Deluxe

Similar to Singstar, Ultrastar Deluxe is a karaoke game that you can play with up to 12 people at once. More than 10,000 songs are available, or you can use your own music. Operating System: Windows, Linux, OS X

603. Unknown Horizons

This is another civilisation-building game where you start with a handful of colonists and try to build a thriving community. It's under very active development, and the game has improved considerably in recent years. Operating System: Windows, Linux, OS X

604. VDrift

This realistic game was designed to simulate drift racing. It features more than 45 real-world vehicles and more than 45 real-world tracks. Operating System: Windows, Linux, OS X

605. Vega Strike

Vega Strike is a 3D space simulator with a little action thrown in. Explore space, build up a trade route and engage in deadly combat in a futuristic universe on the brink of war. Operating System: Windows, Linux, OS X

606. WarMUX

This game of "convivial mass murder" features well-known free and open source software mascots (gnus, penguins, firefoxes, etc.) It offers plenty of weapon choices and requires only a minimal amount of strategy. Operating System: Windows, Linux, OS X, Android

607. Warsow

A true one-of-a-kind, Warsow features "rocketlauncher-wielding pigs and lasergun-carrying cyberpunks." Unlike most first-person shooters, it emphasizes movement and action over gore, with cartoonish graphics and stars and cubes instead of blood and guts. Operating System: Windows, Linux, OS X

608. Warzone 2100

The year is 2100, and humankind has been nearly annihilated by nuclear war. Now you command "The Project" aimed at rebuilding civilisation. It's a real-time strategy game with a huge technology tree and an emphasis on artillery, radar, and counter-battery technologies. Operating System: Windows, Linux, OS X

609. Widelands

This is yet another civilisation-building strategy game—this time inspired by Settlers II. Gather resources, build roads and battle other clans in single- or multi-player games. Operating System: Windows, Linux, OS X

610. WinBoard Portable

Play the standard chess game you know or one of the variants like xiangqi (Chinese chess), shogi (Japanese chess), Makruk, Losers Chess, Crazyhouse, Chess960 and Capabanca Chess. You can play on your own or connect to other players on the Internet. Operating System: Windows

611. World of Padman

This highly colorful, cartoon-like 3D shooter is based on the Quake engine. Both single-player and online multi-player games are available. Operating System: Windows, Linux

612. XMoto

Collect the strawberries while avoiding the wreckers as you ride your motorbike through this 2D side-scroller. Playing all the way to the end is particularly challenging. Operating System: Windows, Linux, OS X

613. Xonotic

Built from the success of Classic Nexuiz (above), Xonotic offers amazingly good graphics and highly addictive game play. With plenty of weapons to choose from, it offers hours of shooter action. Operating System: Windows, Linux, OS X

614. XPilot

First developed in 1991, XPilot is a classic space game similar to Asteroids. It's multi-player only, so you'll need to join a game on an existing server or set up a server of your own. Multiple forked versions are also available. Operating System: Windows, Linux, OS X, iOS

615. Yo Frankie!

Thanks to the open source animation tool Blender, Yo Frankie! offers incredible 3D graphics. It features animal characters from an open source movie project called *Peach*. Operating System: Windows, Linux, OS X

616. Zaz

Similar to games like Luxor, Zuma and Puzzle Bobble, Zaz is a typical bubble shooter game where you try to arrange balls in sets of three while they travel along a path. The twist with this game is that the shooting platform is also traveling along the same path. Operating System: Windows, Linux

617. Zero Ballistics

This game combines the excitement of a first-person shooter with the challenge of a traditional tank game. It's set in mountainous terrain with good graphics. Operating System: Windows, Linux, OS X

618. Zero-K

With average games lasting 20-30 minutes, Zero-K is a fast-moving real-time strategy game with a realistic physics engine. Control tiny flea-bots, huge mechs and gigantic superweapons as you battle for control of your planet. Operating System: Windows, Linux

619. Zombies

Destroy the zombies before they eat you! In this turn-based strategy game, the goals and gameplay are simple but addictive. Operating System: Windows, OS X

Gateway Security Appliance

620. Endian Firewall Community

The community edition of Endian makes it possible to create your own Linux-based unified threat management appliance using standard PC hardware. The company also sells a line of hardware and software appliances based on the same technology. Operating System: Linux

621. Untangle

Untangle promises that with its security products you'll "know more about your network traffic than the NSA." Like Endian, it comes in an open source "lite" package, as well as commercially supported products. Operating System: Windows, Linux

Genealogy

622. GenealogyJ

Like Gramps (below), GenealogyJ is a tool for viewing and editing your family history, but it was designed for amateurs, not professionals. Java-based, it creates family trees, timelines, maps, reports and more. Operating System: OS Independent

623. Gramps

Short for "Genealogical Research and Analysis Management Programming System," Gramps is one of the best acronyms we've ever seen on an open source project. It's a professional-quality genealogical program with a very active user community and more than 1,100 pages of online documentation to help you trace your own family history. Operating System: Windows, Linux, OS X

624. PhpGedView

Working on your family tree? PhpGedView makes it easy to collaborate online with the rest of your family to trace your genealogy. Note that you'll need your own Web server in order to set it up. Operating System: OS Independent

Geography/Mapping

625. Marble

This "virtual globe" goes far beyond basic mapping, integrating weather, photos, traffic and Wikipedia information. With the mobile versions (currently only for select Nokia phones, an Android version is in the works), it also becomes a turn-by-turn navigation system. Operating System: Windows, Linux, OS X

626. OpenLayers

This alternative to Google Maps and Bing Maps provides free APIs that can put dynamic, JavaScript-based maps on any website. It's sponsored by the Open Source Geospatial Foundation. Operating System: OS Independent

627. WorldWind

Very similar to Google Earth, this NASA-developed tool lets you view satellite imagery and maps for any location on earth. It also includes an API for developers who want to include WorldWind functionality within their own apps. Operating System: OS Independent

Graphics Editors/Animation Tools

628. Alchemy

Designed to help artists get their creative juices flowing, Alchemy has a deliberately limited feature set--no undo, no selecting, no editing. Art teachers can use it as a starting point to help students "sketch" new ideas before going on to create finished pieces of art using real-world media or more advanced applications. Operating System: Windows, Linux, OS X

629. Art of Illusion

Art of Illusion isn't quite as polished as Blender, but its developers claim the latest version (released September 2013) "is both stable and powerful enough to be used for serious, high-end animation work." Impressive examples of artwork created with the tool can be found in the website's online art galleryOperating System: OS Independent

630. Blender

Suitable for professional use, Blender is a 3D animation suite that offers modeling, rigging, animation, simulation, rendering, compositing and motion tracking, video editing and game creation capabilities. It also features a customizable interface, and it can import and export from a wide variety of file formats. Operating System: Windows, Linux, OS X

631. CinePaint

Although it is a raster graphics editor, not a video editor, CinePaint is specifically designed to be used for motion pictures. It offers a similar set of tools as Gimp, but it supports high bit-depth, which allows this app to be used for touching up individual frames of a film. Operating System: Windows, Linux, OS X

632. Dia

"Roughly inspired by" Microsoft Visio, Dia offers tools for creating diagrams, flow charts, org charts, and other types of relational graphics. It doesn't have as many features and templates as Visio, but does a good job with basic diagrams. Operating System: Windows, Linux

633. Gimp

Gimp, also known as "GNU Image Manipulation Program," is an advanced photo editing and manipulation program with features that rival Photoshop. It supports all the most common image file formats and offers a wide range of special effects and photo tools. Note that if you're running Windows you'll need to download Gimp-win. Operating System: Windows, Linux

634. Gmsh

This app describes itself as a "3D finite element grid generator with a build-in CAD engine and post-processor." In layman's terms, it's a simple program for designing three-dimensional objects that offers some capabilities of a 3D graphics tool and some capabilities of a CAD tool. Operating System: Windows, Linux

635. GPaint

Students who are beyond Tux Paint but not quite ready for professional drawing and photo manipulation tools might enjoy this Gnu app. It offers an easy-to-use interface and a wide variety of drawing tools. Operating System: Linux

636. GPUImage

This alternative to Apple's Core Image filters offers much faster processing thanks to its use of GPU technology. It also allows users to create their own filters, and it runs on iOS 4. However, it lacks some advanced features like facial recognition. Operating System: iOS

637. GrafX2

Originally created for DOS systems, this app traces its inspiration to programs like Amiga's Deluxe Paint and Brilliance. This updated open source version has been ported for multiple operating systems, but it's still best at creating old-school 256-color graphics. Operating System: Windows, Linux, OS X

638. gSculpt

A fork of Wings 3D, gSculpt provides all the tools found in Wings 3D, plus a few additional improvements designed to improve workflow and reduce the time required for creating new graphics. In addition to the documentation available on the site, one gSculpt users has set up a blog with extensive tutorials for those new to 3D graphics. Operating System: Windows, Linux

639. Inkscape

This professional-caliber vector graphics editing program offers the same sorts of tools as the proprietary products and supports common file formats. While the features are fairly advanced, the interface is simple enough for novices to use to create simple logos and other artwork. Operating System: Windows, Linux, OS X

640. K-3D

A good option for amateur artists, K-3D boasts an easy-to-use interface and extensive documentation. According to the project website, it "excels at polygonal modeling, and includes basic tools for NURBS, patches, curves and animation." Operating System: Windows, Linux, OS X

641. KolourPaint

This paint app for the KDE interface aims to be easier to use than Gimp with a better feature set than GPaint or Windows Paint. The site includes a helpful product comparison page that highlights some of the similarities and differences between the various painting programs available. Operating System: Linux

642. Krita

KDE's painting app can help you edit existing photography or art or create new digital artwork of your own. The interface is designed to mimic real world art supplies and painting tools. Operating System: Windows, Linux

643. LaTeXDraw

This simple drawing program creates images for use in documents created with LaTeX. It's best for mathematical or scientific images, charts, diagrams, etc. Operating System: OS Independent

644. Leonardo Sketch

Leonardo describes itself as "named after the 15th century painter, but aimed for the 21st century user." It's a fairly new project, but offers a good list of basic features for vector graphics creation and editing. Operating System: Windows, Linux, OS X

645. Luminance HDR

This project provides a workflow for high dynamic range (HDR) images. It supports multiple file formats, including raw formats, and it includes helpful wizards that walk users through common tasks. Operating System: Windows, Linux, OS X

646. Misfit Model 3D

Although it's no longer in active development, you can still download and use this 3D modeling tool. Features include multi-level undo, skeletal animations, simple texturing and command-line batch processing. Operating System: Windows, Linux, OS X

647. MyPaint

Designed for use with pressure sensitive graphic tablets, MyPaint is a fast powerful painting program. The interface disappears when not in use so that you can focus on your artwork. Operating System: Windows, Linux

648. Paintbrush

Reminiscent of the old MacPaint software, Paintbrush offers Mac users a simple way to create basic images quickly. It supports multiple graphic file formats and includes tools like airbrush, rounded rectangle, eyedropper, zoom and a text tool. Operating System: OS X

649. Pencil

If you prefer traditional 2D cartoons to the fancy 3D stuff, Pencil might be right for you. It's not meant as an alternative to professional vector graphics tool like Flash; instead, it's aimed at those who enjoy playing around with 2D animation as a hobby. Operating System: Windows, Linux, OS X

650. Pixelitor

This Java-based photo editor offers more than 70 image filters and color adjustments, some of which aren't offered by any other tool. However, documentation for this project is a little light, so you'll need to have some experience with other photo editors in order to use it. Operating System: OS Independent

651. Pinta

Modeled after the freeware Paint.Net, Pinta offers advanced drawing tools and more than 35 adjustments and effects for manipulating your photos. Features include unlimited layers, full undo history and more. Operating System: Windows

652. Seashore

Based on The Gimp, Seashore is a Mac-only graphics and photo editor designed to meet the needs of average users. It offers features like gradients, textures, anti-aliasing for both text and brush strokes, multiple layers and alpha channel editing. Operating System: OS X

653. sK1

Developed as a replacement for Illustrator and CorelDRAW, sK1 offers professional pre-press features, such as CMYK color separations, ICC color management and press-ready PDF output. It currently works on Linux only, but the project owner plan to port it to Windows and OS X. Operating System: Linux

654. svg-edit

This Java-based graphics editor will run in any browser. It offers more than enough features for amateur designers and illustrators, and it's been incorporated into many other open source projects. Operating System: OS Independent

655. Synfig Studio

Unlike Pencil, Synfig Studio does strive to meet the needs of professionals, billing itself as an "industrial-strength solution for creating film-quality animation." It helps users save time and money by eliminating the need to animate content on a frame-by-frame basis. Operating System: Windows, Linux, OS X

656. Wings 3D

Wings 3D creates still graphics, but not animation. Designed to be both powerful and easy to use, it offers a wide range of modeling tools, a customizable interface, support for lights and materials, and a built-in AutoUV mapping facility. Operating System: Windows, Linux, OS X

Healthcare Integration Engine

657. Mirth Connect

Mirth Connect describes itself as the "Swiss Army knife of healthcare integration engines" and promises support for numerous healthcare data standards, including HL7. Commercial support is available. Operating System: Windows, Linux, OS X

Hospital Information System

658. Care2x

Key features of this hospital information system include smart search, smart data validation, quick lists, one-key shortcuts and more. Check out the demo on the website to see it in action. Operating System: Windows, Linux, OS X

659. Hospital Management System

This lighter-weight option focuses on logistics and inventory tracking. It can help keep track of patient and staff information, supplies and medicines, as well as assisting with billing and report generation. Operating System: Windows, Linux, OS X

660. Hospital OS

Developed for Thailand's health care system, Hospital OS aims to meet the needs of small, rural hospitals with less than 100 beds. Based on PostgreSQL, the server piece runs on Linux, but the client can run from any Java-enabled system. Operating System: Windows, Linux, OS X

661. OpenClinic GA

Designed for healthcare facilities with limited resources, this hospital information system has been implemented extensively in Africa. It supports multiple languages, and it integrates with Central African health insurance billing tools. Operating System: Windows, Linux

662. Open Hospital

Although the website for this project is in Italian, the software itself is also available in English. Sponsored by Informatici senza Frontiere (Computers Without Borders), it's used by a number of African hospitals. Operating System: Windows, Linux, OS X

Human Resource Management (HRM)

663. Orange HRM

Claiming more than a million users, OrganeHRM considers itself "the world's most popular Open Source Human Resource Management Software (HRMS)." It also comes in a "Live" SaaS version that takes just 15 minutes to set up. Operating System: Windows, Linux, OS X

664. WaypointHR

Similar to Orange, WaypointHR tracks personnel information, attendance and leave, contract details, discipline, performance reviews and more. It also comes in a hosted, on-demand version. Operating System: OS Independent

Instant Messaging

665. Adium

Very similar to Pidgin (see below), this Mac-only software allows users to connect to multiple networks at once, including AIM, MSN, Jabber, Yahoo, and others. It offers a tabbed interface, and it integrates with your Address Book. Operating System: OS X

666. aMSN

Designed to replace MSN Messenger (now known as Windows Live Messenger), aMSN is a skinnable client that works with Microsoft's IM network only. Noteworthy features include offline messaging, voice clips, custom emoticons, group support, multi-language support, webcam support, tabbed windows, display pictures and more. Operating System: Windows, Linux, OS X

667. Kopete

KDE's IM client supports AIM, ICQ, Windows Live Messenger, Yahoo, Jabber, Gadu-Gadu, Novell GroupWise Messenger and other networks. It also offers tools for archiving and encryption and a unique notification system that only lets "important" message through. Operating System: Linux

668. Miranda IM

Small and fast, Miranda is very light on system resources. Like many of the other IM clients on our list, it supports multiple networks, including AIM, Facebook, ICQ, IRC, Yahoo and others. Operating System: Windows

669. Pidgin

This very popular open source IM clients connects with up to 16 different chat networks simultaneously. It supports file transfers, away messages, buddy icons, custom emoticons and typing notifications, and it has a large library of plug-ins that extend its capabilities further. Operating System: Windows, Linux/Unix

670. Psi

Psi is an open-source IM client for the Jabber network, which includes GoogleTalk, LiveJournal, and a number of international networks. It's completely customizable and supports about 20 different languages. Operating System: Windows, Linux, OS X

671. Tox

This project is so new that it isn't ready for use yet, but it looks promising—and timely. It aims to be a Skype alternative that allows you to communicate with friends and family in complete privacy. Operating System: Windows, Linux, OS X

Interior Design

672. Sweet Home 3D

Determined to spruce up your home this year? This app helps you create 2D and 3D layouts of your rooms, complete with a preview of how the finished product will look. Operating System: Windows, Linux, OS X

IT Configuration and Management

673.Ansible

Used by companies like Rackspace, Care.com and Evernote, Ansible offers application deployment, configuration management and continuous delivery capabilities. It addition to the open source engine, it's available in a supported enterprise edition, and paid training and consulting are also available. Operating System: Linux

IT Inventory Management

674. GLPI

Many users deploy OCS and GLPI together. OCS finds the resources connected to the network, and GLPI creates a database to help administrators track and manage those assets. Operating System: OS Independent

675. OCS Inventory NG

Find out what hardware is connected to your network and how it is being used. OCS also includes a deployment system for distributing software and scripts across your network. Operating System: OS Independent

Jewellery

676. iNecklace

This necklace for Mac fans slowly pulses with light. You can buy it premade or download the open source schematics from GitHub to make it yourself. Operating System: N/A

Laboratory Information Management System (LIMS)

677. Bika LIMS

Bika is a Zulu word that means "report, from clan to clan, bring news of weddings, births, festivals and funerals." This project is a full-featured LIMS that boasts global status tracking, easy use, an integrated content management system, and live search. Commercial support is available through Bika Labs. Operating System: Windows, Linux, OS X

678. FreeLIMS

Java-based FreeLIMS makes it easy to manage samples and generate reports. It's designed for multiple users in a chemistry, physics, biology or health care lab. Operating System: Windows, Linux, OS X

679. Open-LIMS

This project aims to make lab work easier by supporting all lab processes with a single piece of software. Note that this work-in-progress is suitable for testing and evaluation, but may not be suitable for a production environment yet. Operating System: Windows, Linux, OS X

Library

680. Evergreen

This library automation solution prides itself on its scalability. The Evergreen community is unusually active, with regular newsletters and updates, and you can find demos of the software and an interactive of libraries using Evergreen at the website. Operating System: OS Independent.

681. LibLime Koha

Used by thousands of libraries around the world, Koha describes itself as "the most advanced and cost effective open source automation solution on the market." Paid hosting, support, consulting, implementation and development services are also available on the site. Operating System: OS Independent.

682. NewGenLib

NewGenLib proudly proclaims itself the "best open source library system." Notable features include support for Android smartphones and tablets, standards compliance, an intuitive interface and much more. Operating System: OS Independent.

683. OPALS

Short for "OPen-source Automated Library System," OPALS is one of the most highly rated library automation solutions available. It provides Web-based access to information databases, library collections and digital archives. Paid hosting and other services are available. Operating System: OS Independent.

684. OpenBiblio

OpenBiblio features include an online public access catalog (OPAC), circulation, cataloging, and staff administration. See the site for extensive documentation and templates. Operating System: OS Independent.

685. VuFind

This library management system boasts Web 2.0 capabilities and design done "by libraries for libraries." The modular architecture means it's easy to install just the features you need--or to add or modify modules as necessary. Operating System: OS Independent.

Linux Desktop Environments

686. Gnome

One of the two most popular Linux desktop environments, Gnome is the default desktop for Fedora, Ubuntu, and several other distributions. It's best known for being easy to use. Operating System: Linux

687. KDE Plasma Desktop

The second of the two most popular Linux desktop environments, KDE has a reputation for being "prettier" than some of the other desktop environments and feels very similar to Windows and OSX. The KDE community is one of the largest open source communities, so plenty of help is available for new (or experienced) users. Operating System: Linux

688. LXDE

The "Lightweight X Desktop Environment" claims it has a "beautiful interface," but if truth be told, it's much more concerned about speed than looks. Because it uses so few computing resources, it's a good choice for netbooks and cloud-computing environments. Operating System: Linux

689. Xfce

Another lightweight option, Xfce also offers very fast performance and doesn't make any claims about its beauty. It offers a modular design, so users can install just the components they choose in order to create a completely customized desktop experience. Operating System: Linux

Log File Monitoring and Analysis

690. Analog

The "most popular logfile analyser in the world," Analog is an ultra-fast scalable log analysis tool for use with Web servers. Use it alone or with Report Magic to generate prettier charts and graphs. Operating System: Windows, Linux, OS X

691. AWStats

This free log file analysis tool creates graphs from Web, streaming, ftp or mail server statistics. Check out the helpful comparison chart to see how its feature stack up against other open source and commercial applications. Operating System: Windows, Linux, OS X

692. BASE

The "Basic Analysis and Security Engine," or BASE, use a Web-based interface to analyze alerts from Snort IDS. Features include role-based user authentication and Web-based setup. Operating System: OS Independent

693. IPtables Log Analyzer

This app makes it easier to understand the log files from your Shorewall, or SUSE Firewall, or Netfilter-based firewall logs. It organizes rejected, acepted, masqueraded packets, etc. into an attractive HTML page. Operating System: Linux

694. Snare

At this site, you'll find numerous open source Snare agents designed to analyze log files from a security perspective. InterSect Alliance, the organisation behind the Snare agents, also offers a commercial server that incorporates the open source tools. Operating System: Windows, Linux, OS X, others

695. Webalizer

This speedy Web log file analyzer claims to be able to process a log file with 2 million hits in 30 seconds. It supports both IPv4 and IPv6, and it is available in dozens of languages. Operating System: Windows, Linux, OS X

Logic/Debate

696. Argumentative

Ideal for students taking logic, debate, law, writing, speech and similar classes, Argumentative makes it easy to create a visual representation of an argument. It tracks premises, reasons, objections, helpers, reasoning, analysis and more to help users create well-reasoned papers and speeches. Operating System: Windows.

697. Argunet

Argunet offers both an argument editor (similar to Argumentative) and a library of arguments that students can browse and analyze. You can use it on a standalone system or in a client-server setup to encourage collaboration among students or debate teams. Operating System: Windows, Linux, OS X.

698. iLogos

Java-based iLogos isn't quite as fancy as some of the other argument mappers, but it does make it fairly easy to diagram arguments with a combination of words and pictures. The site also includes a helpful list of similar tools. Operating System: Windows, Linux, OS X.

Mail Servers

699. Citadel

Calling itself "the leader in *true* open source email and collaboration," Citadel offers e-mail, calendar, contacts, bulletin boards, IM, wiki, chat and more. Its small footprint makes it popular with people tinkering with Raspberry Pi systems. Operating System: Linux

700. Exim

This MTA was developed at the University of Cambridge and is still widely used in the UK. It's best for servers that are unlikely to have large volumes of mail because it doesn't have a central queue manager. Operating System: Linux, Unix

701. Postfix

Originally developed by IBM Research, Postfix is a secure mail transfer agent that is very similar to Sendmail (see below). It's fairly fast and can handle a large volume of mail. Operating System: Linux, Unix, OS X, Solaris

702. Scalix

Aimed at hosting providers and ISPs as well as enterprises and small businesses, Scalix offers an alternative to Microsoft Exchange servers for group e-mail and calendaring. It comes in numerous flavors, including the community, enterprise, small business and hosting editions. Operating System: Linux

703. Sendmail

While it's not as widely used as it once was, Sendmail continues to be a very popular mail transfer agent. Newer features include support for filters, authentication and external database look-ups. Operating System: Linux

704. SOGo

SOGo is a groupware server that allows users to access e-mail and shared calendar data via the Web, a BlackBerry device, or an e-mail client like Thunderbird. The latest version adds native Outlook support. Operating System: OS Independent

705. Zimbra

Now owned by Telligent, the open source version of Zimbra offers a "post-PC" alternative to Microsoft Exchange for handling shared email, contacts and calendars in a virtualized environment. The same organisation also offers a variety of related collaboration products and services under the Zimbra name. Operating System: Linux, Unix, OS X

Maths

706. Apophysis

If you're a math geek, you probably know what fractal flames are. If not, it's probably enough to know that this app lets you create and edit very strange algorithmically generated images. Operating System: Windows

707. Dr. Geo

This award-winning app invites people age 7 to 77 to "be a geometer." It allows students to create and interact with sketches of geometric objects so that they can better understand geometry lessons. Operating System: Windows, Linux, OS X

708. Genius

Genius offers a somewhat simplified list of features but solves very advanced mathematical problems. It utilizes its own programming languages known as GEL (Genius Expression Language). Operating System: Linux, OS X

709. GeoGebra

With its wide range of capabilities, GeoGebra is suitable for elementary students learning arithmetic, high school students learning algebra and geometry, and even for college students studying calculus and advanced mathematics. Specifically designed as an educational tool, it is much more user-friendly than many of the other math apps on our list, and the website also includes helpful resources for educators. Operating System: OS Independent

710. gnuplot

Unlike many of the other math apps on our list, Gnuplot does just one thing--create graphs. It works from the command line and supports both 2D and 3D plots. Operating System: Windows, Linux, Unix, OS X, and others

711. GraphCalc

GraphCalc isn't so much as replacement for other software as a replacement for handheld graphing calculators. The site boasts, "GraphCalc can be your first, last, and only line of offense against the mathematics that threaten to push you over the brink of insanity. It slices, dices, shreds and purees functions that leave other calculators wondering what hit them." The project hasn't been updated in a while, but it remains a helpful alternative to graphing calculators. Operating System: Windows, Linux

712. Kig

Similar to Dr. Geo, KDE's geometry app also provides an interface for working with and learning more about geometric figures. (Note that in order to use Kig on Windows, you'll have to download KDE for Windows.) Operating System: Windows, Linux

713. Mandelbulber

If you're geeky enough to know what a Mandelbulb is, you might enjoy this app which renders 3D fractals. More information about the app can also be found on the FractalForums site. Operating System: Windows, Linux

714. Maxima

This computer algebra system can solve problems related to "differentiation, integration, Taylor series, Laplace transforms, ordinary differential equations, systems of linear equations, polynomials, and sets, lists, vectors, matrices, and tensors." It's a direct descendant of Macsyma, a legendary math program developed by MIT in the 1960s. Operating System: Windows, Linux, OS X.

715. Sage

Designed for use by scientists, mathematicians, students, and other people with a lot of technical knowledge, Sage combines 100 open source math projects with a simple interface that makes it easy to perform a wide variety of

calculations. To use it most effectively, you'll need to understand the Python programming language. Operating System: Windows, Linux, OS X

716. Scilab

This application handles basic math calculations, 2D and 3D visualisations, optimisation problems, simulations, statistics and more. Users can access paid support, training and services through Scilab Enterprises. Operating System: Windows, Linux, OS X

717. Ultimate Calc

This scientific and graphing calculator solves complex equations and offers an easy-to-use interface. It supports plug-ins and scripts to extend its capabilities. Operating System: Windows

Medical Imaging

718. 3D Slicer

This app offers DICOM file viewing, interactive segmentation, volume rendering and other capabilities. It can work with images from MRI, CT, US, nuclear medicine, and microscopy. Operating System: Windows, Linux, OS X

719. AMIDE

AMIDE stands for "Amide's a Medical Imaging Data Examiner." Key features include slice viewing of a data set, zooming, support for various color maps, anisotropic filtering wizard, generation of fly-through movies and more. Operating System: Windows, Linux, OS X

720. ANTS

Short for "Advanced Normalisation Tools," this project helps doctors and researchers make maps of brains. Features include "multivariate similarity metrics, landmark guidance, the ability to use label images to guide the mapping and both greedy and space-time optimal implementations of diffeomorphisms." Operating System: Windows, Linux, OS X

721. BioImageXD

Used by biologists and other scientists, as well as health care experts, BioImageXD offers provides analysis, processing and visualisation of multi-dimensional images obtained with a microscope. It can create 3D (and 4D) renderings and includes batch processing capabilities. Operating System: Windows, Linux, OS X

722. dcm4che

This collection of Java-based apps makes it possible to store, view and work with DICOM images. It includes both server tools and a Web-based interface for accessing stored files. Operating System: Windows, Linux, OS X

723. Dicom Open Viewer

Less full-featured than most of the other imaging apps on this list, the Dicom Open Viewer is nothing more than a viewing tool. It includes an intuitive interface and a means for viewing Dicom tags. Operating System: Windows

724. ezDICOM

This DICOM image viewer can display MRI, CT, X-ray, and ultrasound results. It comes in command-line and GUI versions, and it has much more extensive documentation than many of the other open source DICOM tools. Operating System: Windows, Linux, OS X

725. ImageJ

Developed at the National Institutes of Health, this Java-based image manipulation program was intended to for use by doctors and scientists for use in analyzing images from clinical or laboratory settings. However, it can be used to modify many other types of images and artwork as well. Operating System: OS Independent

726. InVesalius

InVesalius describes itself as "a free software for reconstruction of computed tomography and magnetic resonance images." It can import and export to various file formats and perform volume rendering or image segmentation. Operating System: Windows, Linux, OS X

727. iRad

This app offers basic DICOM viewing functionality for Macs. It offers fast performance and support for multiple file formats. Operating System: OS X

728. MITO

Short for "Medical Imaging Toolkit," MITO can acquire images from a picture archiving and communications system (PACS) and allow radiologists and technicians to view and manipulate them. It supports the DICOM image standard. Operating System: Windows, Linux

729. Orthanc

With Orthanc, healthcare facilities or research organisations can set up a RESTful server for DICOM images. It's lightweight and fast, and it aims to make it easy for developers to write applications accessing the images stored on the server. Operating System: Windows, Linux

730. ODIN

ODIN helps create sequences of magnetic resonance scans. It's easy to use and comes with a number of templates to help users create their own sequences. Operating System: Windows, Linux

731. OsiriX

Downloaded more than 1,000 times every day, OsiriX claims to be "the most widely used DICOM viewer in the world." It boasts fast performance, and it comes in an FDA-approved version. Operating System: OS X, iOS

732. Voreen

Short for **Vo**lume **Re**ndering **En**gine, Voreen enables interactive visualisation and analysis of medical imagery. The project was founded and is maintained by the Visualisation and Computer Graphics Research Group at the University of Münster. Operating System: Windows, Linux, OS X

733. xebra

This client-server application makes it possible to view and analyze medical imagery. It supports various standards, including WADO and IHE XDS-I. Operating System: Windows, Linux, OS X

Microfinance

734. Mifos

Mifos aims to help microfinance institutions do a better job of providing loans to poor people around the world. It's a web-based management information system (MIS) that includes "portfolio and transaction management, on-the-fly financial product creation, in-depth client management, integrated social performance measurement, and a reporting engine." Operating System: OS Independent

735. Octopus

Octopus describes itself as a "next-generation" MIS for microfinance lenders. It comes in Community (free), Professional (paid) and Online (paid) versions. Operating System: Windows

Middleware

736. JBoss

Used by companies like Priceline.com, GEICO and NYSE Euronext, RedHat's JBoss line of middleware includes an application platform, Web platform, messaging, SOA platform, business rules management system and much more. All of the tools are available in open source and enterprise versions. Operating System: Linux.

Mind Mapper

737. FreeMind

This open source mind mapper program makes it easy to display the links between ideas. It's great for making outlines, brainstorming, making notes and more. Operating System: OS Independent

738. FreePlane

This fork of FreeMind (see above) has been racking up thousands of downloads. It offers traditional mind-mapping features, plus some advanced functionality. Operating System: Windows, Linux, OS X

739. The Guide

This tool lets you organize your notes in a hierarchical, tree-based format. It's similar to a mind mapper, but not as complex. Operating System: Windows

740. XMind

Ideal for brainstorming and planning sessions, XMind makes it easy to see the connections between ideas—it's sort of like a white board for your computer. In addition to the free version, it comes in a pro version for individuals and an enterprise version for businesses. Operating System: Windows, Linux, OS X.

Mobility Tools

741. Akamai Mobitest

Want to know how quickly your website will load on an iPhone 4 in Cambridge, Mass.? This testing tool lets you check website performance on various smartphones in different locations. You can use it for free directly from the website or download the source code and run it from your own server. Operating System: OS Independent

742. F-Droid

This collection makes it easy to download and stay up to date with dozens of open source apps for Android. It provides details about all of the versions of the apps that are available and allows you to choose which apps you use. Operating System: Android

743. ForgeRock

ForgeRock offers a platform of mobile identity management solutions for enterprises. The tools are also available on a subscription basis, which adds support and real-time access to software updates. Operating System: Linux

744. Knappsack

This mobile application management platform offers tools for securely uploading, managing and sharing apps among a group of users. The open source version is free, and the company also offers both free and paid hosted versions. Operating System: Windows, Linux, OS X, iOS, Android

745. OpenMobster

OpenMobster offers an open source mobile backed-as-a-service for enterprises and includes capabilities like syncing, HTML5 hybrid app development tools(based on PhoneGap) and push notifications. Fee-based consulting and integration services are also available. Operating System: Windows, Linux, OS X

746. mAdserve

The self-proclaimed "world's most powerful open source ad server," mAdserve offers tools for managing ad campaigns across 30 different ad networks. Premium services are also available. Operating System: Windows, Linux, OS X, iOS, Android

747. QuincyKit

This helpful kit collects and reports crash data and user feedback on your mobile apps. It's also available as a hosted service from HockeyApp. Operating System: OS X, iOS

Modeling

748. ArgoUML

The self-proclaimed "leading open source UML modeling tool" supports all standard UML 1.4 diagrams and comes in 10 different languages. Because it's based on Java, it runs on any platform, and it can export diagrams in six different file formats. Operating System: OS Independent

749. StarUML

Designed as an alternative to Rational Rose and other commercial modeling tools, StarUML supports both the latest UML standards and Model Driven Architecture (MDA). It's very user-friendly and features a plug-in architecture. Operating System: Windows

750. Modelio

The code behind Modelio has actually been in development for more than 20 years, but parent company Modeliosoft just recently released it under an open source license. It offers a UML modeler, BPMN support, Java code generator, and support for XML, HTML and Jython. Operating System: Windows, Linux

Multimedia Tools

751. Ampache

Ampache allows users to set up their own streaming servers so that they can see and hear their audio and video files from any device. Note that in order to use it you'll need your own Web server running Apache, Nginx or similar software. Operating System: Windows, Linux, OS X

752. AmpJuke

Designed to perform well even on older, slower systems, AmpJuke is an audio-only streaming solution that lets you listen two different ways: each end user can select which music he or she wants to hear or you put together a broadcast, similar to a traditional radio show, where everyone hears the same thing. It can run over the Internet or a LAN. Operating System: Windows, Linux, OS X

753. AVStoDVD

Need to burn a DVD? AVStoDVD can convert a wide variety of audio and video media files and simplify the process of creating a DVD. Operating System: Windows

754. Banshee

Banshee describes itself as "Simple enough to enjoy. Powerful enough to thrill." It's a full-featured multi-media player and management system with the ability to sync with smartphones and tablets. Operating System: Windows, Linux, OS X, Android, iOS

755. Bino

Most of the video players on this list support traditional 2D playback, but Bino supports 3D and multi-display video, such as powerwalls and virtual reality interfaces. Key features include dual camera support, scriptability and support for high precision color. Operating System: Windows, Linux, OS X

756. Burn

This Mac-only tool aims to keep the process of burning a disc simple while still providing lots of options. It supports multiple audio and video formats. Operating System: OS X

757. CamStudio

Need to record what's happening on your screen? CamStudio makes AVI videos of on-screen activities, including sound. It's a good option for educators, trainers and tech support staff. Operating System: Windows

758. Darwin Streaming Server

This open source application was developed by Apple and is built on the same code as the QuickTime Streaming Server. It supports QuickTime and MPEG-4 media formats. Operating System: Windows, Linux, OS X

759. Data Crow

If your inner librarian has been wanting an application that makes it easy to catalog your music, videos, books, video games and other stuff, Data Crow might be for you. It creates an easy-to-use database for organizing just about anything you collect—and if you loan things to friends, it can even track who borrowed your stuff. Operating System: OS Independent

760. DVDStyler

If you're looking to create a more professional-looking DVD, this tool lets you set up attractive menu screens that will work on most standard DVD players. It also supports the creation of digital slide shows. Operating System: Windows, Linux, OS X

761. ExMPlayer

This fork of MPlayer plays 3D video. It can also extract and convert audio files. Operating system: Windows, Linux

762. FFmpeg

This tool not only plays multimedia files, it can also record, convert and stream audio or video. It's a full suite of tools and libraries for end users and developers working on similar projects. Operating System: Windows, Linux, OS X.

763. InfraRecorder

For Windows only, InfraRecorder can create audio, video, data or mixed-use CDs and DVDs. It can also erase re-recordable discs and copy discs even if you have only one optical drive. Operating System: Windows

764. JuceVLC

This VLC fork offers a streamlined, full-screen interface with large font sizes. It's also portable and can be run from a thumb drive or portable hard drive. Operating System: Windows, Linux, OS X, others.

765. kPlaylist

PHP-based kPlaylist makes it easy to manage and listen to your music collection via the Web. It can also work with video files, and it supports multiple users. Operating System: Windows, Linux

766. Krut Computer Recorder

Java-based Krut records both audio and video and creates wav and mov files. Key features include support for two different frame rates, moveable recording areas, timer controls and more. Operating System: Windows, Linux OS X

767. Media Converter

For Macs only, this tool leverages code from ffmpeg, Burn and several other open source tools to convert video files among various formats. It offers a simple drag-and-drop interface and batch processing capabilities. Operating System: OS X

768. MediaInfo

MediaInfo finds tags and technical data for audio and video files, as well as some text files. It supplies the title, artist, director, number of tracks, and much, much more. Operating System: Windows, Linux, OS X, and others

769. Media Player Classic Home Cinema

If you remember the old version of Windows Media Player fondly, you'll probably like this app, which attempts to recreate that experience. Because it's very lightweight, it's a good option for older or underpowered systems. Operating System: Windows.

770. MediaPortal

MediaPortal boldly claims to offer the "best media experience." Like XBMC it was designed for use on a TV or large screen, and add-ons connect it to various services. Operating System: Windows

771. Miro

While many media players place a premium on features, Miro aims to be beautiful as well as functional. It imports files from iTunes and other media management systems, and it syncs with your mobile devices. Operating System: Windows, Linux, OS X, Android, iOS

772. MPlayer

Award-winning MPlayer is a favorite among Linux users. It comes in both command-line and GUI-based versions. Operating system: Linux

773. SMPlayer

SMPlayer is based on the code from MPlayer, but it adds an intuitive graphic interface. When you play a file, it remembers your settings—in other words, if you turn off a movie before it is finished, it will start at the same place when you return. Operating system: Linux

774. Subsonic

Calling itself the "most complete personal streaming system," Subsonic offers a huge range of features for setting up your own streaming server. Download the free version or use the premium version for $1 per month. Operating System: Windows, Linux, OS X, Android, iOS, Windows Phone, BlackBerry, Roku, others

775. Totem

Totem is the Gnome desktop's movie player. It includes features like playlist, full-screen mode, seek and volume controls, keyboard navigation and a Firefox plug-in for watching movies in your browser. Operating System: Linux.

776. UMPlayer

With a huge library of codecs, UMPlayer aims to play anything. Key features include skinnable interface, built-in subtitles search, audio/subtitles sync, enhanced filter rendering, and YouTube playback and recording. Operating System: Windows, Linux, OS X.

777. Universal Media Server

The Universal Media Server allows you to stream videos from your PC so that you can watch them on your TV or other devices. It supports UPnP and DLNA, and it can handle most common types of media files. Operating System: Windows, Linux, OS X

778. VideoLAN

VideoLAN can stream "MPEG-1, MPEG-2 and MPEG-4 files, DVDs, digital satellite channels, digital terrestrial television channels and live videos on the network in unicast or multicast." It comes bundled with VLC Media Player. Operating System: Windows, Linux, OS X

779. VLC Media Player

Extremely popular, VLC can play DVDs, CDs, streaming files and most digital audio and video formats. It can also convert files from one format to another. Operating System: Windows, Linux, OS X, others.

780. Webinaria

Webinaria not only allows users to record screen video, it also allows them to share videos on its website. It includes a rating and comment system. Operating System: Windows, Linux OS X

781. Wwidd

This app, which integrates with VLC Media Player, strives to be "Del.icio.us for your video collection." Use it to organize, tag and search your video library. (Source code is available through GitHub.) Operating System: Windows, OS X, Linux

782. XBMC Media Center

Designed for big screens and home theater PCs (HTPCs), this media player comes with built-in support for remote controllers. A large number of add-ons connect it to various services and add functionality. Operating System: Windows, Linux, OS X.

783. xine

Xine is a fast, extensible player that supports a wide range of file formats. Capabilities include a skinnable GUI, Linux InfraRed Control support, closed caption support, playlists, audio resampling, fullscreen display and more. Operating System: OS X, Linux

Multiple Function Security Solutions

784. ASEF

Short for "Android Security Evaluation Framework," ASEF analyzes Android apps from a security standpoint. It can test multiple apps at once to determine if they include malware or aggressive adware or if they are using excessive amounts of bandwidth. Operating System: Android

785. Csipsimple

Csipsimple offers secure calling and SIP features for Android devices. Video calling features are currently under development. Operating System: Android

786. The Guardian Project

This project has developed multiple security-focused Android apps, including Orbot (a version of Tor for secure mobile Web browsing), Orweb (an enhanced browser that supports proxies), Gibberbot (private, secure IM), OscuraCam (private, secure camera app) and Ostel (encrypted phone calls). Operating System: Android

787. Network Security Toolkit (NST)

Like INSERT, NST includes a whole lot of tools and a complete Linux distribution that fits on a CD-ROM. In this case, you get nearly 100 tools and the Linux copy is based on Fedora. Operating System: OS Independent.

Music Education

788. GNU Solfege

This ear training app has exercises designed to teach students to identify intervals, chords, scales and rhythmic patterns. It also includes some theory and sight singing activities. Operating System: Windows, Linux, OS X

789. Impro-Visor

Sometimes you get one really great line or phrase for a song, but just can't get the rest. The Impro-Visor can help you finish your composition by suggesting improvisations and solos built on your theme. (It's also a valuable educational tool for aspiring jazz musicians.) Operating System: Windows, Linux, OS X.

790. LenMus/Phonascus

Music theory students will likely find this app helpful. It includes lessons and interactive games that quiz you on your theory knowledge and ear training. Operating System: Windows, Linux, OS X

791. ScoreDate

First, let's make it clear that this app is not at all about dating—the "score" refers to musical scores. ScoreDate aims to teach anyone the basics of reading music. Operating System: Windows, Linux, OS X

Network/System Firewalls

792. Devil-Linux

Although it was originally designed to offer firewall and router functionality, Devil-Linux can also operate as a server for many applications, including mail hosting. Created by IT administrators for IT administrators, it boasts top-notch security and excellent customisation capabilities. Operating System: Linux

793. Droidwall

As you might guess from the name, Droidwall is a firewall for Android devices. It's based on IPtables and can also help you improve your battery life. Note that this app requires root access. Operating System: Android

794. FireHOL

FireHOL describes itself as "a language to express firewalling rules." It lets you configure an iptables based firewall using four basic commands. Operating System: Linux.

795. Firestarter

Unlike most of the open-source firewalls, Firestarter can protect a single PC, as well as a network. Best of all, you can probably install it and be up and running in just a couple of minutes. Operating System: Linux

796. IPCop

Like most of the other apps on our Firewall list, IPCop turns a PC into a Linux-based firewall to protect your network. This one is designed for home or SOHO users, and it boasts an easy-to-use Web interface. Operating System: Linux.

797. LEAF

The "Linux Embedded Appliance Framework" (aka LEAF) can be used as an Internet gateway, router, firewall, or wireless access point. This app requires a little more know-how than some of the other choices in the category, but is still a good option. Operating System: Linux

798. m0n0wall

Although it was designed for embedded PCs and appliance, m0n0wall can also run on a standalone PC running FreeBSD. It requires less than 12MB of space and boots in less than 25 seconds. Operating System: FreeBSD

799. pfSense

This m0n0wall fork is also based on BSD, and is designed for regular computers, not embedded hardware. It's been downloaded more than 1 million times and currently runs on more than 100,000 networks, including large corporations and universities as well as small home networks. Operating System: FreeBSD.

800. Shorewall

Shorewall doesn't claim to be the easiest Linux firewall to use, but it does claim to be "the most flexible and powerful." You can use it on a system functioning as a dedicated firewall, as a multi-function gateway/router/server or on a standalone GNU/Linux system. Operating System: Linux

801. Smoothwall

You'll find the open source version of this firewall, Smoothwall Express, at Smoothwall.org. At the main corporate site, Smoothwall offers more complete security and Web filtering products that incorporate the open source firewall. Operating System: Linux, Unix

802. Turtle Firewall

Designed to be simple and fast, Turtle allows network managers to configure it via a Web interface or by modifying XML files. The website also includes some good introductory information on the nature of firewalls. Operating System: Linux.

803. Vuurmuur

Vuurmuur is designed to be both simple and powerful. In addition to standard firewall capabilities, it also supports traffic shaping and offers advanced monitoring capabilities. Operating System: Linux

Network Management

804. CloseTheDoor

This tool allows network and security managers to identify all listening ports for their listening ports for IPv4 and IPv6 networks. It provides information and allows you to shut down remote attacks. Operating System: Windows

805. Kale

The website Etsy created this tool to help monitor its operations. It includes two separate parts: Skyline, which detects anomalies, and Oculus, which finds similar metrics. Operating System: Linux

806. OpenNMS

The "world's first open source, enterprise grade network management application platform," OpenNMS has been helping administrators monitor their networks for more than a decade. It's highly customizable and highly scalable, and it offers automated and directed discovery and provisioning, event and notification management, service assurance, and performance measurement capabilities. Operating System: Windows, Linux, OS X, iOS.

807. Zenoss

Zenoss helps IT departments monitor and manage their networks, applications and servers, and it includes support for virtualized and cloud environments. Commercial products based on the open source community version are available through Zenoss, Inc. Operating System: Linux, OS X

Network Monitoring/Scanning/Intrusion Detection

808. AFICK

AFICK, short for "Another File Integrity Checker," offers similar functionality as Tripwire. It's portable, fast and runs from a GUI or the command line. Operating System: Windows, Linux

809. Cacti

Cacti takes information from RRDtool and uses it produce more advanced graphs. It also offers an intuitive interface and some management capabilities. Operating System: Windows, Linux

810. Ganglia

While most of the tools on our list are designed for run-of-the-mill networks, this tool from the University of California, Berkeley Millennium Project monitors high-performance computing systems such as clusters and grids. It's been around since 2000, and it's currently used on thousands of clusters around the world. Operating System: Linux, others

811. Kismet

Kismet is a combination wireless network detector, packet sniffer, and IDS. Often used to detect unprotected or hidden networks, it's a valuable tool for checking the security of your wireless network, as well as monitoring network activity. Operating System: Windows, Mac, Linux, Unix, BSD

812. Knocker

This simple TCP security port scanner works on multiple platforms and is easy to use. Operating System: Windows, Linux, Unix.

813. Munin

Named for a Norse god of memory, Munin aims to help network administrators analyze trends and figure out why performance problems occur. It offers a Web interface, easy installation and easy use. Operating System: Linux, OS X

814. Nagios

The self-described "industry standard in IT infrastructure monitoring," Nagios helps users "achieve instant awareness of IT infrastructure problems," by monitoring servers, switches, applications, and services. The link above will take you to the open source version; enterprise versions can be found atNagios.com. Operating system: Linux, Unix.

815. NDT

Short for "Network Diagnostic Tool," NDT is a client/server app that offers network performance testing. It can help identify problems such as duplex mismatch conditions on Ethernet/FastEthernet links, incorrectly set TCP buffers in the user's computer, or problems with the local network infrastructure. Operating System: Linux.

816. Net-SNMP

This set of applications implements SNMP v1, SNMP v2c and SNMP v3 protocols for both IPv4 and IPv6. These are command line tools, so they're not quite as user friendly as some of the other network monitoring applications. Operating System: Windows, Linux

817. NSAT

Short for "Network Security Analysis Tool," NSAT performs bulk scans for 50 different services and hundreds of vulnerabilities. It provides professional-grade penetration testing and comprehensive auditing. Operating System: Linux, Unix, FreeBSD, OS X.

818. Open Source Tripwire

Standard Tripwire is now a closed source project, but the community has continued developing the open source version released in 2000. It monitors the content of files and alerts network managers when those files have changed, alerting them to possible intrusions. Operating System: Windows, Linux.

819. Opsview

With Opsview, enterprises can monitor their cloud, physical and hybrid infrastructure all from a single tool. It comes in both a free community download or a paid enterprise version, with an optional mobile module and other services available. Operating System: Linux

820. OSSEC

OSSEC is a scalable, host-based intrusion detection system. Key features include a correlation and analysis engine, integrated log analysis, file integrity checking, Windows registry monitoring, centralized policy enforcement, rootkit detection, real-time alerting and active response. Operating System: Windows, Linux, OS X, others

821. Pandora FMS

This "Flexible Monitoring Solution" can be set up to track anything from network status to website defacement to stock market trends. It generates real-time graphs, sends custom alerts, creates SLA reports and much more. Operating System: Windows, Linux, OS X

822. RRDTool

RRDtool calls itself "the open source industry standard, high performance data logging and graphing system for time series data." It's been incorporated into numerous other networking tools, including Endian and Cacti Operating System: Windows, Linux

823. SEC

Although we put this app in the Network Monitoring category, the Simple Event Coordinator (SEC) actually works with many different applications. To use it, you set up a set of rules that specify what actions you want to occur whenever a particular event occurs. Operating System: OS Independent.

824. SniffDet

This tool implements a number of different open-source tests to see if any of the machines in your network are running in promiscuous mode or with a sniffer. Note that some of the documentation for this app is in Portuguese. Operating System: Linux.

825. Snort

Developed by Sourcefire, Snort claims to be the "most widely deployed IDS/IPS technology worldwide." It can detect a wide variety of attacks, including buffer overflows, stealth port scans, CGI attacks, SMB probes, OS fingerprinting attempts and others, and it can send real-time alerts about any ongoing network intrusions. Operating System: Windows, Linux, OS X, others

826. tcpdump

Tcpdump is a command line packet analyzer and libpcap is a C/C++ library for network traffic capture. Working together, the two provide a good network monitoring solution, but they are not particularly user-friendly. Operating System: Linux.

827. WinDump

Managed by Riverbed Technology (which also owns Wireshark), WinDump ports tcpdump to the Windows platform. This site also includes the WinPcap library and drivers for traffic capture. Operating System: Windows.

828. Wireshark

Calling itself the "world's foremost network protocol analyzer," Wireshark makes it easy to capture and analyze network traffic. Commercial products and services related to the software are available throughRiverbed Technology. Operating System: Windows, Linux, OS X

829. Zabbix

Calling itself "the enterprise-class monitoring solution for everyone," Zabbix can monitor up to 100,000 networked devices for 1 million metrics, performing thousands of checks per second. It's completely open source, but Zabbix does offer paid support and other services. Operating System: Windows (agent only), Linux, OS X

Network Simulation

830. GNS3

This tool allows network engineers and administrators to simulate complex systems in order to design networks or to study for certification exams. There's a tutorial and extensive documentation on the site to help new users learn how to use the application. Operating System: Windows, Linux, OS X

Office Productivity

831. AbiWord

Similar to older versions of Word, AbiWord reads and writes most word processing document formats, including OpenOffice and Word formats, and it offers some advanced layout and mail merge capabilities. The latest version adds a lot of collaboration capabilities, and it integrates tightly with the freeAbiCollab.net service which allows users to store and edit documents in the cloud. Operating System: Windows, Linux, OS X, others

832. Calligra

This successor to KOffice includes Words (word processor), Sheets (spreadsheet), Stage (presentations), Kexi (database), Flow (diagramming), Karbon (vector graphics), Krita (painting and image editing) and Plan (project management). The user interface is designed for today's wider displays, and it supports file formats for other office productivity suites, including Microsoft Office. Operating System: Windows, Linux

833. Edhita

Edhita is a simple text editor for iPad only. It doesn't have advanced word processing capabilities or the highlighting features you would see in a good code editor, but it does a solid job of text editing. Operating System: iPad

834. Gnumeric

Built for the GNOME desktop, Gnumeric can import files from Excel and other spreadsheet applications. It offers a whopping 596 different functions, including 204 that aren't included in competing software. Operating System: Windows, Linux

835. Impress.js

Inspired by Prezi, this CSS3-based tool helps users create presentations that scroll, zoom and slide around the screen, instead of being bound to rectangular slides. Note that it doesn't have a particularly user-friendly interface yet and is best for those who are comfortable with code. The project also warns, "impress.js may not help you if you have nothing interesting to say." Operating System: Windows, Linux, Mac, iPad

836. LibreOffice

This community fork of OpenOffice has quickly become one of the most popular open source office productivity suites available. It's available in more than 30 languages, and the latest update makes importing and exporting from Microsoft Office easier than ever. Operating System: Windows, Linux, OS X

837. LyX

LyX lets you format your document based on its structure. You mark text as a title, subtitle, etc., and then worry about the formatting later. It makes it easier to ensure continuity throughout long documents and deal with some of the difficulty of creating a document on a netbook or other device with a very small screen. Operating System: Linux, Unix, Windows, OS X

838. NeoOffice

NeoOffice began life as a fork of OpenOffice specifically for Macs. Over the past ten years, it's been maintained and updated consistently with a variety of new Mac-specific features. The latest version is compatible with Mavericks and is available through the Mac App Store. Operating System: OS X, iOS

839. OI Notepad

This note-taking app allows users to create, edit and share notes with other users. It also has an extension that allows users to add audio to the text. Operating System: Android

840. OpenOffice

Managed by the Apache Foundation, OpenOffice includes Office-compatible word processor (Writer), spreadsheet (Calc), database (Base) and presentation (Impress) software. Plus, it adds graphics (Draw) and math/science notation (Math) software that the Microsoft suite doesn't have. Operating System: Windows, Linux, OS X

841. OpenOffice Document Reader

This helpful app lets you view and read OpenOffice and LibreOffice documents from Android devices. It doesn't have editing capabilities, but does support spreadsheets. Operating System: Android

842. Reveal.js

Another HTML presentation creation tool, Reveal.js features an interesting three-dimensional navigation system (go up or down as well as backwards and forwards), and unlike Impress.js, it has an easy-to-use editor. The link above will show you Reveal.js in action; for the source code, see the GitHub page. Operating System: Windows, Linux, Mac, iPad

843. Sparklines for Excel

Sparklines doesn't replace Excel--it extends its functionality with new functions that create simple, intense graphics known as Sparklines. See the user manuals for examples of the type of charts and graphs it can create. Operating System: Windows

844. Text Edit

This simple text editor lets you write, edit and save short documents on your Android phone. You can select the font size and type, change colors and e-mail the documents you create. Operating System: Android

845. VuDroid

With VuDroid, users can view PDF and DJVU documents from their Android devices. Features include zoom by slider drag, fast orientation change and more. Operating System: Android

846. WriteType

This option doesn't teach students to type—it makes typing easier, particularly for younger users. It includes features like word completion, read aloud mode, grammar checking and auto-correction that make it easier for young people to create documents on their own. Operating System: Windows, Linux

847. X-OOo4Kids

OpenOffice.org for Kids offers a simplified version of OpenOffice.org designed to be used by those aged 7-12. The advantage of this version, even if you're not a kid, is that it loads and runs very quickly and requires very little space on your portable drive. Operating System: Windows

Online Data Storage

848. FTPbox

FTPbox makes it easy to sync your files across multiple devices or share your files with others. It can use SFTP or FTPS protocol for secure file transmission. Operating System: Windows

849. SparkleShare

Because it was built for developers, this online storage solution includes version control software (Git, to be specific). It automatically syncs all files with the hosts, and it allows you to set up multiple projects with different hosts. Operating System: Windows, Linux, OS X.

850. Syncany

Syncany works with commercial online storage solutions like Amazon S3 or Google Storage, adding better synchronisation functionality (akin to DropBox) and improved security. It encrypts files locally, making it more feasible to use an online service to store sensitive data. Operating System: Linux (Windows and OS X versions planned.)

Online education/eLearning

851. ATutor

ATutor was designed to comply with industry standards, such as SCORM Content Packaging, SCORM 1.2 LMS RTE3, OAuth Authentication Protocol and others, and accessibility standards, such as W3C WCAG 2.0, W3C ATAG 2.0, US Section 508 and many others. Try the online demo to see it in action. Operating System: OS Independent.

852. Canvas

Instructure's Canvas learning management system helps teachers and parents track the academic progress of K-12 students. The link above connects with the commercial and cloud versions, but you can download the source code from GitHub. Operating System: Linux, Unix, OS X.

853. Chamilo

After just 18 months in existence, this open source learning management system racked up half a million users. The website includes a helpful demo so that you can try the software out before downloading. Operating System: Windows, Linux, Unix, OS X

854. Claroline

Available in many different languages, Claroline is used by organisations in more than 100 different countries. It boasts a highly intuitive interface, and it's flexible enough to meet the needs of businesses and associations, as well as colleges and universities. Operating System: Windows, Linux, OS X

855. CoFFEE

Short for "Collaborative Face-to-Face Educational Environment," CoFFEE aims to help groups of students work together on problem-solving activities. It includes a set of tools for collaboration, shared work, individual work, and communication that can be managed and monitored by the instructor. Operating System: OS Independent

856. eFront

Unlike most of the other learning management systems on our list, eFront places particular emphasis on meeting the training needs of enterprises. It's available in paid hosted and enterprise versions, as well as the open source edition. Operating System: Windows, Linux

857. ILIAS

ILIAS claims to be the first open source learning management system in the world to achieve SCORM 2004 (3rd Edition) compliance. It also enjoys a very active community with conferences and user events regularly scheduled in many different countries. Operating System: Windows, Linux

858. Moodle

Incredibly popular, Moodle is a highly scalable course management system that currently powers nearly 7 million online courses for more than 65 million users. The website offers helpful demonstrations so that you can see this CMS in action from both an instructor's and a student's point of view. Operating System: Windows, Linux, OS X

859. Sakai

Sakai offers two separate open source products: Sakai CLE, which is similar to other online learning systems, and Sakai OAE which is a collaboration and social sharing platform for academics, researchers and students. Several commercial affiliates offer hosting and related services. Operating System: OS Independent.

OpenCourseWare

860. eduCommons

A number of universities around the world aren't just utilizing open-source software, they're "open-sourcing" the content of their courses by making it freely available online. EduCommons is a content management system designed for these OpenCourseWare projects. Operating System: OS Independent.

861. OpenCourseWare

The Open Courseware Consortium offers links to hundreds of "open source" university classes. Study nearly any subject you want with materials from institutions like MIT, Johns Hopkins, University of Michigan, University of California and dozens of others. Operating System: OS Independent

Operating Systems and Kernel Modifications

862. 64 Studio

Another Debian/Ubuntu variant, 64 Studio is optimized for multimedia and digital content creation. It hasn't been updated in a while, but paid support is available.

863. aLinux

Formerly known as Peanut Linux, aLinux is designed to be both fast and multimedia-friendly. Its graphic interface provides an easy transition for former Windows users.

864. andLinux

A good option for Windows users who would like to try out some Linux applications, andLinux runs Linux applications on Windows 2000, 2003, XP, Vista, or 7 machines.

865. Android

Currently the most popular mobile operating system available, Google's Android is an open source project. Numerous manufacturers, including Samsung, LG, HTC and Motorola, offer Android-based smartphones and tablets.

866. ArchBang

This Arch variant uses the Openbox Window Manager. It's fast and lightweight, and offers many of the same customisation capabilities as Arch.

867. Arch Linux

Arch is definitely not for Linux newbies, but its simple design makes it a favorite among long-time Linux users who are comfortable with the command line. By default, it installs a minimal base system but provides plenty of options for customisation.

868. Bio-Linux

Developed by the NEBC, Bio-Linux is a Ubuntu variation that includes more than 500 bioinformatics programs useful for biology and healthcare researchers. You can install it on a workstation or run it live from a CD, DVD or USB thumb drive.

869. Bio-Knoppix

As you might guess, this live CD/DVD option is based on the Knoppix distribution. It includes software that focuses on molecular biology and related fields.

870. BioSLAX

Based on the Slackware distribution of Linux, BioSLAX is a live CD/DVD customized with a variety of bioinformatics software. In addition to running directly from the CD/DVD, it can also be installed directly on a system

871. Bodhi Linux

Bodhi puts the focus on user choice and minimalism. It uses the Enlightenment desktop environment and a "software store" that makes it easy to find and install the open source applications you want to use.

872. CentOS

Short for "Community ENTerprise Operating System," CentOS is based primarily on Red Hat code. It's the most popular version of Linux for Web servers, accounting for about 30 percent of Linux-based Web servers.

873. Chakra

Based on ArchLinux, Chakra uses the KDE desktop. It uses a unique "bundles" system to let users access Gtk apps without actually installing them on the system.

874. Chrome OS/Chromium OS

Google's operating system goes by two names, which can make things confusing. Officially, "Chromium OS" is the open source version used primarily by developers, and "Chrome OS" is the name for the version of the operating system Google plans to include on netbooks for end users. And just to make things even more confusing, both projects share a name with Google's Web browser. For now, Chromium OS (the only version available for download) is really only suitable for advanced users and developers.

875. CoreOS

Still an alpha release, CoreOS is version of Linux designed for massive server deployments. It's a minimal distribution that includes nothing but the Linux kernel and systemd.

876. CrunchBang

Sometimes written #!, CrunchBang is a lightweight distribution based on Debian. It's a popular option for netbooks like the Asus Eee.

877. Debian

A favorite with "geeks," Debian provides the foundation for many other Linux distributions, including Ubuntu and Linux Mint. It includes more than 37,500 pre-compiled open source software titles included.

878. Debian Edu/Skolelinux

This Debian variation incorporates many educational games and apps, and it's available in multiple languages. The name "Skolelinux" is Norwegian for "school Linux."

879. Debian Med

This project is a Debian Pure Blend aimed at providing a list of the Debian software which would be most helpful in a healthcare setting. It's still a work in progress.

880. DNALinux

A Linux distribution aimed at the bioinformatics community, this OS is based on Xubuntu and runs in a virtual machine. It includes a variety of software that is especially useful for DNA sequencing projects.

881. DSL

At just 50MB, this distro lives up to its name – Damn Small Linux (DSL). As you might expect, it's very fast and runs on older PCs, as well as fitting onto small USB drives and business card CDs.

882. Dyne:bolic

This multi-media friendly version of Linux is designed to run from a live CD. Because it's very lightweight, it can run on older systems or even an Xbox.

883. EasyPeasy

Designed as a cloud OS, EasyPeasy is a very lean version of Linux that's ideal for netbooks or other devices used primarily to access the Internet. It offers low power consumption, social networking integration and more.

884. Edubuntu

This Ubuntu-based Linux distribution aims to collect all the best in open source educational software and make it available along with an easy-to-use, free operating system. It's developed by a community committed to the idea that "learning and knowledge should be available to everyone who wants to improve themselves and the world around them."

885. eyeOS

Built for cloud computing, eyeOS makes an entire desktop, including office productivity applications, accessible from a Web browser. It also serves as a platform for creating new Web apps.

886. Elementary OS

Based on Ubuntu, this Linux distribution emphasizes transparency, modern interfaces, speed and apps. After several beta releases, the first official release came out earlier this month.

887. Fedora/Red Hat

Very popular with enterprises, this flavor of Linux comes in both desktop and server versions. Red Hat is the commercially supported version, and Fedora is the free, community supported version.

888. Firefox OS

Created by Mozilla (the organisation behind the Firefox browser), Firefox is a brand new mobile operating system. The first smartphones based on the OS have been released in Spain and others are expected in developing markets.

889. Frugalware

Like Slackware, Frugalware is best for users who aren't afraid of the command line, although it does have some graphical tools. It's designed with simplicity in mind.

890. Fusion

Fusion describes itself as a "pimp my ride" version of Fedora. It offers good multimedia support and an interesting look and feel. It's best for more advanced Linux users who are looking for cutting edge, experimental applications.

891. Gentoo

First released in 2002, Gentoo boasts "extreme configurability, performance and a top-notch user and developer community." It uses the Portage package management system, which currently includes more than 10,000 different applications.

892. GoboLinux

GoboLinux's claim to fame is that is doesn't use the Unix Filesystem Hierarchy Standard, but instead stores each program in its own sub-directory in the Program directory. That means that it's a little bit easier to use for Linux newbies or experienced Linux users who like to install applications from the original source code.

893. gNewSense

Supported by the Free Software Foundation, gNewSense is based on Ubuntu with a few changes, like the removal of non-free firmware. The name started as a pun on "Gnu" and "nuisance" and is pronounced guh-NEW-sense.

894. Illumos

When Oracle discontinued development of OpenSolaris, some of the developers who had been working on the project forked it to the Illumos project, where development and bug fixes continue. If you are looking for a free version of Solaris, this is the option for you. To download the software, visit the OpenIndiana page above.

895. Joli OS

Joli OS describes itself as "the ultimate desktop for the cloud." It aims to bring new life to old PCs with an extremely simple-to-use version of Linux that comes with 1,500 apps. It's used on more than 750,000 systems.

896. Knoppix

Suitable for beginners, Knoppix is an easy-to-use distribution based on Debian. It runs from a live CD, and if you don't want to go to the trouble to burn your own (or you don't know how), you can buy one for less than two bucks.

897. Kubuntu

As the name suggests, Kubuntu is a Ubuntu fork that uses the KDE desktop instead of the Unity desktop. It's an excellent choice for new Linux users.

898. Liberté Linux

Based on Gentoo, this Linux distribution was designed primarily to allow users to communicate covertly. The website boasts, "Whether you are a privacy advocate, a dissident, or a sleeper agent, you are equally likely to find Liberté Linux useful as a mission-critical communication aid."

899. Linux Mint

Recently, Linux Mint has been growing in popularity with desktop Linux users. It has a reputation for being extremely easy to use, and it comes with about 30,000 free software packages.

900. Lubuntu

Lubuntu is lighter, faster, and uses less energy than its namesake, making it a good choice for mobile devices, including netbooks. It uses the LXDE desktop instead of the Unity desktop.

901. Mageia

In 2010, a group of Mandriva developers began this community-driven fork following some ownership changes at the company that owns the Mandriva project. It's currently in beta, but the first official release is due in a few weeks.

902. [Mandriva](#)

Owned by a publicly traded French company, Mandriva claims more than 3 million users worldwide. It's available in several editions, desktop and server, paid and unpaid, including a unique Instant On version that boots up with minimal functionality in less than 10 seconds.

903. [MEPIS](#)

Debian-based MEPIS (also known as simplyMEPIS) is particularly popular with those new to Linux. It's available in free downloadable versions, or you can purchase a CD which makes trying or installing the software easy.

904. [Musix](#)

Despite the name, this operating system includes tools for graphic design and video editing as well as music production and audio editing. It's based on Debian and runs from a live CD.

905. [openSUSE](#)/[SUSE](#)

Another good option for large organisations, this version of Linux also comes in paid (SUSE) and free (openSUSE) editions. According to Novell, more than 13,000 enterprises run SUSE on their servers.

906. [PCLinuxOS](#)

Designed to be easy to use, PCLinuxOS can be run on a Live CD or installed on a desktop or laptop. It supports seven different desktops, including KDE, Gnome, Enlightenment, XFCE, LXDE, and others.

907. [Peppermint](#)

Another Linux distribution designed to be cloud- and Web-centric, Peppermint boasts that it is "sleek, user friendly and insanely fast." With a very small footprint, it loads and shuts down very quickly, and you don't have to be an uber-geek to use it.

908. [Pinguy OS](#)

Built for new Linux users who need something that's even easier to use than Ubuntu, Pinguy OS makes it easy to find and use the programs average users need most often. It's also available in a DVD version for $5.99.

909. [Puppy Linux](#)

Small and fast, Puppy is designed to be installed on a USB thumb drive that users can take with them and boot from any PC. It takes up about 100 MB, boots in less than a minute, and runs from RAM for maximum speed.

910. [Qimo for Kids](#)

As you might guess from the name, this Ubuntu-based operating system was designed to be used by kids, specifically by those as young as three years of age. It features an extensive library of educational games, and its large icons make it easy for young children to find what they're looking for.

911. [Sabayon](#)

Named after an Italian dessert, Sabayon aims to be the "cutest" Linux distribution — "as easy as an abacus, as fast as a Segway." It's based on Gentoo, and it supports the KDE, Gnome, LXDE and Xfce desktop environments.

912. Salix OS

Salix compares itself to a bonsai tree in that it is "small, light and the product of infinite care." It comes in four different versions for the Xfce, LXDE, Fluxbox and KDE desktop environments.

913. Scientific Linux

Created by the folks at the Fermi National Accelerator Laboratory and the European Organisation for Nuclear Research (CERN), as well as various scientists and universities, Scientific Linux (SL) aims to prevent scientists at each of these different institutions from having to recreate a Linux distribution that meets their needs. It's basically the same as Red Hat Enterprise Linux with a few slight modifications.

914. Slackware

First released in 1993, Slackware is one of the oldest Linux distributions. Popular with the geekiest of geeks, it relies heavily on command-line tools and is very similar to UNIX.

915. Tiny Core Linux

One of the smallest Linux distros available, Tiny Core weighs in at just 10MB in its GUI version. The command line version, Micro Core, is even smaller – just 6MB.

916. Tizen

Governed by the Linux Foundation, this project aims to develop a mobile operating system that relies primarily on HTML5 technology.

917. Ubuntu

The "world's most popular free OS," Ubuntu comes in desktop, server and mobile versions. It's easy to use and comes with thousands of free software titles included.

918. Ubuntu-Med

Ubuntu-Med is a variant of Ubuntu (actually a variant of Kubuntu) optimized for healthcare servers. It includes a version of the OpenVista EHR, plus DAViCAL calendar, MediaWiki, the Drupal content management system, the Moodle e-learning system and the BigBlueButton teleconferencing software.

919. Ubuntu Privacy Remix

This Ubuntu variant runs from a CD and creates a secure environment for working with sensitive data. It's not meant to be installed permanently on a hard drive; instead, you use it when working with data that you don't want to be stolen or in order to prevent others (like a government entity) from monitoring your online activities.

920. Ubuntu Studio

This variant of Ubuntu Linux is specifically designed for multimedia content creation. It includes tools for audio and video production, graphic design, photography and publishing, and it's supported by Canonical.

921. Unity

Instead of being built for end users, Unity is built to give developers or advanced Linux users some modular pieces they can use to create a customized distribution. Despite its name, it has nothing to do with the Unity desktop used by Ubuntu; instead, the Unity OS uses the OpenBox graphical environment.

922. Vector Linux

VectorLinux's credo is "keep it simple, keep it small and let the end user decide what their operating system is going to be." In addition to the free download, it's also available in a supported "deluxe" edition.

923. Xubuntu

And this is the version of Ubuntu that uses the Xfce desktop environment. It's available in both desktop and server versions.

924. ZenWalk

Originally based on Slackware and called "Minislack," ZenWalk has evolved to become a modern, fast, lightweight distribution that's easy to use. It's available in five versions: standard, core, live, Gnome and Openbox.

925. Zorin OS

Unlike most Linux distributions, Zorin was designed to look and feel as much like Windows as possible – only faster and without as many bugs. It's available in both free and paid verions.

Organisation Management

926. Artful.ly

Designed for cultural and arts organisations, Artful.ly offers business management software with modules for ticket sales, accounting, donor and sponsor information, fundraising and marketing and more. The same software is available online with a subscription. Operating System: Linux

Password Crackers

927. Ophcrack

From time to time, everyone needs to recover a lost or unknown password. This password cracker uses the rainbow tables method to recover unknown passwords and it also includes a brute force module for simple passwords. Operating System: Windows.

928. John the Ripper

John the Ripper is particularly good at cracking weak passwords, but in order to use it, you'll need a list of commonly used passwords. You can buy passwords lists or a pro version of the software from the same site. Operating System: Windows, Linux, OS X

Password Management

929. Figaro's Password Manager

This Linux-only password safe encrypts passwords with the blowfish algorithm. It also features a password generator and can act as a bookmark manager as well. Operating System: Linux

930. KeeFox

Based on KeePass, KeeFox is a password safe for all of your online passwords. Plus, it can also store non-Web passwords, and it works with sites that have multiple login pages or steps. Operating System: Windows, Linux, OS X

931. KeePass Password Safe

This popular password manager stores all of your passwords in an encrypted database. You'll only need to remember one master password, while this easy-to-use, lightweight app helps protect you from identity thieves. Operating System: Windows

932. KeePassDroid, 7Pas (KeePass for Windows Phone 7), iKeePass

A perennial favorite among open source fans, KeePass is a password safe that allows users to utilize different passwords for every website or service they access, while only remembering a single master password. Versions are now available for every major mobile operating system--and some of the minor ones as well. You can find a complete list of mobile versions at keepass.info/download. Operating System: Android, iOS, Windows Phone

933. KeePassX

If you use OS X or Linux, try this fork of KeePass. Plus, it adds a few features not in the original and runs on Windows as well. Operating System: Windows, Linux, OS X

934. PasswordMaker

Using the same password all the time puts you at risk, but many people do it anyways because it's so difficult to remember a lot of different passwords. PasswordMaker offers a better solution for the problem by creating unique passwords for each site you visit and storing them in an encrypted file that you access with a single master password. Operating System: Windows, Linux, OS X

935. Password Safe

Downloaded more than 1 million times, Password Safe is another popular open source option for protecting your passwords. Like KeePass, it's lightweight and stores your encrypted passwords in a database so that you only need to know one master password. Operating System: Windows

936. PWGen

Using easy-to-guess passwords is just as bad as using the same password all the time. PWGen creates strong passwords for you, so you won't be tempted to use "password" or "123456." Operating System: Windows

937. Secrets for Android

Similar to KeePass, Secrets for Android also stores all your passwords in an encrypted password safe behind a master password. However, this app also lets you store other "secrets" in encrypted notes. Operating System: Android

PDF Tools

938. jPDF Tweak

This Java-based program lets you merge, split, reorder, sign, and encrypt previously existing PDF files. Operating System: OS Independent

939. PDFCreator

PDFCreator does most of the things Adobe Acrobat will do, including creating PDFs, applying password protection and digitally signing documents. It also includes encryption capabilities and a server feature so that you can set up a PDF server. Operating System: Windows

940. PDFedit

You don't have to purchase expensive Adobe software in order to make modifications to existing PDF files. PDFedit lets you edit text, delete and renumber pages, add markup and more. Operating System: Windows, Linux

941. Sumatra PDF

The free Adobe software isn't your only option for reading PDF files. The Sumatra PDF reader offers similar functionality with a lighter footprint for faster performance. Operating System: Windows

Personal Financial Management

942. Buddi

The "personal budget software for the rest of us," Buddi aims to help people with very little financial knowledge track their personal finances. It's not as advanced as Quicken, but it is extremely easy to use. Operating System: OS Independent

943. dsBudget

This bare-bones budgeting application helps answer the question, "Where did my money go?" You can install on your local system, on a USB stick or on Dropbox. Operating System: Windows, Linux, OS X

944. EclipseTrader

EclipseTrader includes real-time quotes, intraday and historical charts, financial news, analysis tools and integrated trading capabilities. Aimed at serious traders, it collects a wealth of information in a single location. Operating System: Windows, Linux, OS X

945. Financisto

This open source Android app lets you track your budget from your smarphone or tablet. Key features include Quicken and CSV import, support for multiple accounts and currencies, recurring transactions, budgets and advanced reports. Operating System: Android

946. Grisbi

This option can track finances for a small or home-based business in addition to personal finances. At the time of writing, the home page was under construction, but the software download is still available through SourceForge. Operating System: Windows, Linux

947. HomeBank

HomeBank offers "free, easy, personal accounting for everyone." The project has been around for eighteen years and includes features like import/export from other financial software, duplicate detection, transactions, budgeting, reports and much more. Operating System: Windows, Linux

948. iTrade

This app tracks market activity and your portfolio, gets quotes, draws charts, sends alerts and allows you to make some trades. It includes support for international markets, multiple currencies and multiple languages. Operating System: Windows, Linux, OS X

949. JGnash

This Java-based personal finance system features double-entry accounting, account reconciliation, PDF report generation, auto-completion, recurring payments, multiple currency support and more. It aims to be easy to use, accurate and flexible. Operating System: Windows, Linux, OS X

950. JStock

This Java-based app includes a stock watchlist, portfolio management tools, alerts, filtering, charting, currency exchange and more. It also includes optional cloud storage, and an Android version is in the works. Operating System: Windows, Linux, OS X

951. KMyMoney

Designed for the KDE desktop, KMyMoney attempts to duplicate most of the features you would find in commercial finance software, like Quicken. It's extremely easy to use and offers an extensive list of capabilities. Operating System: Windows, Linux, OS X

952. Money Manager Ex

Money Manager Ex (a.k.a. MMEX) offers a simple, user-friendly interface that includes "all the basic features that 90% of users would want to see in a personal finance application." Key capabilities include AES encryption support, budgeting, depreciation tracking, reminders, one-click reporting, cash flow forecasting and more. Operating System: Windows, Linux, OS X

953. Premium Markets

This investment tracking tool focuses on analysis and trend forecasting. It also offers portfolio management and data charting capabilities. Operating System: Windows, Linux, OS X

954. Yapbam

Short for "yet another bank account manager," Yapbam is a Java-based, portable personal finance manager. It now integrates with Dropbox, making it easy to sync your financial information if you use multiple devices. Operating System: Windows, Linux, OS X

Photo Albums and Tools

955. Comix

Although it was built for viewing and organizing comic book collections, this app also functions well as a general image viewer. It offers basic image enhancement capabilities and tagging and bookmark capabilities that make it easy to see your library. Operating System: Linux

956. Coppermine Photo Gallery

If you have your own Web server, you can use Coppermine to manage and share your photo collection with the world. It stores photo information in a MySQL database and allows you to organize your photos into online albums, upload photos, view slideshows and much more. Operating System: OS Independent

957. digiKam

This powerful image manager for the KDE desktop aims to meet the photo organisation needs of professional photographers. Key features include photo import, tagging, auto-transformations, a light table and more. Operating System: Windows, Linux, OS X

958. Eye of GNOME

The official photo manager for the Gnome desktop, Eye of GNOME supports a wide variety of image file formats. It offers a basic set of capabilities that allow you to browse your images, view properties and metadata, and print your photos. Operating System: Linux

959. F-Spot

This alternative photo viewer for the Gnome desktop offers a wider range of features than Eye of GNOME, including basic photo editing capabilities and tag icons. It also makes it easy to create a photo CD or export photos to Flickr, 23, Picasa Web or SmugMug. Operating System: Linux

960. Gallery

Like Coppermine, Gallery requires that users have their own Web servers or Web hosting from a third-party provider. It provides a way to integrate large photo collections into existing websites. Click the link for examples of sites that use this software. Operating System: Windows, Linux

961. gThumb

Also for Gnome, gThumb includes an image browser, viewer, organizer and editor. Advanced features allow image import, slideshows, converting among file formats, removing duplicate images, creation of Web albums and more. Operating System: Linux

962. Gwenview

Another photo viewer for KDE, Gwenview makes it easy to browse and view images, while also offering some basic editing capabilities. It displays image properties and meta information, and it can also play videos and animations. Operating System: Linux

963. jBrout

The jBrout photo manager makes it easy to sort your photos into albums and later search to find one particular image. It includes integration with Picasa and Flickr. Operating System: Windows, Linux

964. imgSeek

Although it's a full-featured image viewer and manager, this app focuses on enabling content-based search. Quickly sketch an image or click on an existing photo to find other photos containing similar images. Operating System: Windows, Linux, OS X

965. KPhotoAlbum

Also for KDE, KPhotoAlbum aims to make it possible to find any photo on your drive in five seconds or less. It offers automated tools for annotating, categorizing, searching and viewing your pictures. Operating System: Linux

966. Rawstudio

Experts recommend saving your digital photos in their raw formats in order to preserve as much information as possible. Rawstudio handles batch processing of those images with features like image tagging and sorting, lens distortion correction, advanced noise reduction, intelligent sharpening, straightening and more. Operating System: Linux

967. RawTherapee

Similar to Rawstudio, this two-year-old project also offers batch processing of raw photo files. It boasts "the most details and least artifacts from your raw photos thanks to modern and traditional demosaicing algorithms." Operating System: Windows, Linux, OS X

968. Shotwell

This photo manager for the Gnome desktop makes it easy to import, organize, edit and publish your pictures. It offers basic editing features like cropping, rotation, red-eye removal, saturation, tint and temperature, and it integrates with Facebook, Flickr, Picasa and YouTube. Operating System: Linux

969. UFRaw

This utility can be used on its own or as a Gimp plug-in. It allows users to manipulate and view raw images and convert them to other formats. Note that like the other tools for working with raw images, you'll need to have some expertise to use this app. Operating System: Windows, Linux, OS X

Physics

970. Step

Step is an interactive physics simulator that allows students to explore classical mechanics, particles, springs, gravity, coulomb forces, collisions, sound waves and much more. It also includes an equation solver and a unit conversion tool. (Note that in order to use Step on Windows, you'll have to downloadKDE for Windows.) Operating System: Windows, Linux

Poetry

971. Open Source Poetry

This website offers tools to help you write your own poem or to collaborate with other poets on an open source creation. You can save your lines for your own reference or for others to use in creating new works. Operating System: OS Independent

Point-of-Sale (POS)

972. Floreant POS

Designed to meet the unique needs of restaurants, this POS system includes the Denny's chain among its users. Paid support is available. Operating System: OS Independent

973. LemonPOS

A good choice for small or very small businesses, LemonPOS is a Linux-based solution that stores inventory information in a MySQL database. Key features include role-based permissions, support for multiple terminals, good security, sales suspension, custom orders and more. Operating System: Linux

974. Openbravo POS

This multi-channel POS system supports retail outlets, ecommerce and mobile commerce. It integrates with the Openbravo ERP system. Operating System: Windows, Linux, OS X

975. POSper

A good option for small businesses and restaurants, POSper integrates with touchscreens and includes a sizeable list of features. The website includes a helpful demo of the app's backoffice operations. Operating System: OS Independent

976. uniCenta

Downloaded more than 75,000 times in just two years, this commercial-grade POS system was branched from Openbravo's POS. Paid support is coming soon, but wasn't available yet at the time of writing. Operating System: Windows, Linux, OS X

Portable Applications

977. Anon On The Go

This tool from the We Are Hidden group includes portable versions of bleachbit, proxifier, True Crypt, uTorrent, Thunderbird, Putty, Tor, Pidgin and others. Plug it into any system to browse or communicate anonymously. Operating System: OS Independent

978. Democrakey

Envisioned as a way to protect users from government surveillance and censorship, Democrakey is a set of portable apps that can be installed on a USB drive to provide secure browsing, email, and more from any system. USB drives with Democrakey installed are available for sale from Democrakey.com. Operating System: Windows

979. PortableApps.com

This project also collects a ton of open source apps—only this time the apps are formatted so that you can put them on a USB thumb drive and take them with you wherever you go. The standard download comes with some of the most popular open source apps, but the site also includes a library of hundreds of other apps that you can add to your portable drive. Operating System: Windows

980. Tails

Load Tails on a thumb drive or DVD and then use it on any system to protect your privacy. It includes a web browser (Tor), instant messaging client, email client, office suite, image and sound editor, and other software designed to protect your anonymity. When you remove the USB drive or DVD, it leaves behind no traces of your activities. Operating System: OS Independent

981. winPenPack

While its not as well-known as PortableApps.com, winPenPack also offers dozens of open source apps in portable versions. You can download the apps individually or you can get the Full or the Essential suite. Operating System: Windows.

Practice Management (PM) Software

982. MedinTux

With a focus on usability, MedinTux offers multi-user medical records management that's based on a MySQL database. Although it's a French project, English translation is available. Operating System: Windows, Linux, OS X

983. Office Manager

This healthcare office management system offers user/patient management, point of sale, scheduling, inventory, insurance claims, accounting and HIPPA-compliant patient sign-in. It's suitable for both practitioners and retailers. Operating System: Windows, Linux, OS X

Privacy Protection

984. AdBlock Plus

With more than 15 million uses, AdBlock Plus is one of the most popular add-ons available. It allows you to block all advertisements (and their related tracking cookies) or just "unacceptable" advertisements that don't meet the criteria specified by the app developers. Operating System: Windows, Linux, OS X.

985. Basic Linux Privacy Tools

The We Are Hidden group packaged together this set of privacy tools for Linux users. It includes Proxy Chains, Putty, Tor, True Crypt and more. Operating System: Linux

986. BetterPrivacy

This Firefox add-on protects against Flash cookies (a.k.a. "Super Cookies") that websites can use to track your activities even when you have cookies disabled. Note that if you play any online Flash-based games, you will need to have this add-on disabled in order to save your scores and game progress. Operating System: Windows, Linux, OS X

987. Click&Clean

Erase your Firefox browsing history in just one click. This add-on also clears records from your cache, deletes temporary files and automatically closes all the windows and tabs open on your desktop. Operating System: Windows, Linux, OS X

988. Collusion

Want to see which sites and organisations are tracking your online activity? This experimental add-on for Firefox can show you. Note that because it's still in the early stages of development, Collusion can sometimes slow your browsing. Operating System: Windows, Linux, OS X

989. Cookie Monster

Cookie Monster offers more detailed control over which sites can and cannot leave cookies on your system. It also makes it easy to see and manage the cookies already on your system. Operating System: Windows, Linux, OS X

990. HTTPS Everywhere

A collaboration the Tor Project and the Electronic Frontier Foundation, this Firefox and Chrome plug-in accesses sites via https instead of http whenever possible. As a result, it encrypts most of your communications with many websites. Operating System: OS Independent

991. JAP

This research project uses similar technology as Tor to obfuscate the Web addresses of users. It encrypts online communications and routes data transfer through a predetermined set of "Mixes," or intermediaries that promise not to save log data or share it with others. Operating System: OS Independent

992. LBE Privacy Guard

The self-proclaimed "most powerful privacy protection software for Android platform," LBE Privacy Guard blocks malware and unwanted network traffic as well as giving users control over which data each app can access. Not that in order to use it, you'll need a rooted phone. Operating System: Android

993. Lightweight Portable Security

Used by the U.S. government, this project turns any PC (or Mac) into a secure computing node. When you plug in a USB drive containing LPS into your system, it enables secure, private Web browsing and prevents the system from downloading any malware. Operating System: OS Independent

994. Mixmaster

Mixmaster claims to be the most popular implementation of the type II remailer protocol. With it, you can send email anonymously or under a pseudonym. Operating System: Windows, Linux

995. Mixminion

The reference implementation of the Type III Anonymous Remailer protocol, Mixminion also protects the identities of email senders by routing it through a network of servers and using encryption. According to its designers it "protects against known anonymity-breaking attacks as well as or better than other systems with similar design parameters." Operating System: Windows, Unix, OS X

996. Orbot

Orbot brings the functionality and anonymity of Tor to Android devices. It allows users to access the Web, instant messaging and email without being tracked or blocked. Operating System: OS Independent

997. PDroid

Similar to LBE Privacy Guard, PDroid allows you to prevent any app from accessing your private data, such as your device ID, phone number, GPS location, etc. In addition, it promises that you'll still be able to use all of your apps even after denying permission to access your data. Operating System: Android

998. PeerBlock

If you are accessing a P2P network, you can use PeerBlock to prevent your computer from connecting with "known bad" computers, such as those serving spyware. It comes with a default list of blocked addresses or you can create one of your own or use a list created by other PeerBlock users. Operating System: Windows

999. Polippix

This project describes itself as a "political statement in a bootable CD" because it began life as a protest against anti-terrorism laws in Denmark. When inserted in a system, it helps users protect their identities and stay anonymous. Operating System: OS Independent

1000. Privacy Dashboard

Created by the World Wide Web Consortium (W3C), this Firefox shows you at a glance whether the site you're visiting does a good job of protecting your privacy or not. And the first time you visit a site, it gives you the ability to set up preferences for what kinds of information you will share with that site. Operating System: OS Independent

1001. [Privacy Protector](#)

This app shuts off your location and network connections when running certain apps in order to protect your privacy. It can also be used to block ads. And unlike many other Android privacy apps, it doesn't require you to root your phone. Operating System: Android

1002. [Privoxy](#)

Want to set up your own proxy server? Privoxy describes itself as "a non-caching web proxy with advanced filtering capabilities for enhancing privacy, modifying web page data and HTTP headers, controlling access, and removing ads and other obnoxious Internet junk." It can protect networks or standalone systems. Operating System: Windows, Linux, OS X

1003. [QuickProxy](#)

If you sometimes use a proxy server to help maintain your privacy when browsing, QuickProxy helps you quickly turn your proxy server usage on and off without going through all of the Firefox menus. It's not a full proxy configuration tool, but it can simplify the process of connecting to a proxy server from Firefox. Operating System: Windows, Linux, OS X

1004. [ReclaimPrivacy.org](#)

Reclaim Privacy aims to make it easy to make sure your Facebook settings are set to keep your personal information private. Unfortunately, every time Facebook tweaks its privacy settings--which is often--the tool has to be reconfigured. As a result, it can't check all of your settings for you, but it can serve as a good double-check to make sure you're not disclosing any information to anyone you don't want to see it. Operating System: OS Independent

1005. [Request Policy](#)

This Firefox extension puts you in control of when cross-site requests are allowed. It can help you avoid tracking by marketing firms, and it can help prevent cross-site forgery attacks. Operating System: Windows, Linux, OS X

1006. [SafeCache](#)

Prevent websites from snooping into your browsing history. This Firefox add-on works with your cookie settings to segment your cache and protect your privacy. Operating System: Windows, Linux, OS X.

1007. [Torbutton](#)

This Firefox add-on makes it easy to turn Tor (see above) on or off for anonymous browsing. Note that when you are using it, you will not be able to access sites that use JavaScript, some CSS features, or Flash. Operating System: OS Independent

1008. [Web of Trust (WOT)](#)

Downloaded more than 33 million times, this popular add-on for Firefox, Internet Explorer, Chrome, Safari or Opera lets users know when they've strayed into websites that are questionable or insecure. It utilizes user ratings to

identify sites that perpetuate scams, collect personal information or include unsuitable content, and it ranks them with a green-yellow-red classification system. Operating System: Windows, Linux, OS X

Programming Languages

1009. Dart

First unveiled in October of 2011, Dart is Google's new programming language designed as an alternative to JavaScript. Currently, the company is seeking feedback on the language, which is still in the very early stages of development. Operating System: OS Independent

1010. ECL

ECL ("Enterprise Control Language") is the language for working with HPCC. A complete set of tools, including an IDE and a debugger are included in HPCC, and documentation is available on the HPCC site. Operating System: Linux

1011. Go

Recently developed by Google, Go aims to make developers more productive by providing them with a clean, simple programming language. And unlike many older languages, it offers garbage collection and parallel computation. Operating System: Linux, OS X

1012. Harlan

Many systems today include GPUs, which promise greater performance and lower energy use. Harlan is an attempt at a programming language designed specifically to take advantage of the capabilities of GPUs. Operating System: Linux, OS X

1013. Java

Originally developed by Sun but now owned by Oracle, Java allows developers to write code that will run on multiple operating systems. According to Tiobe, it's the most popular programming language in the world. The link above offers extensive help for those new to the language and a large collection of tools for Java developers. Operating System: Windows, Linux, OS X

1014. Perl

Perl has been around for 22 years and runs on more than 100 different platforms. It's an ideal Web programming language and integrates easily with popular databases. Operating System: Windows, Linux, OS X

1015. PHP

This general purpose scripting language is particularly suited to Web development, enabling developers to write dynamically generated pages quickly. A lot of its syntax comes from C, Java and Perl, and it can be embedded into HTML. Operating System: Windows, Linux, OS X

1016. Pig/Pig Latin

Another Apache Big Data project, Pig is a data analysis platform that uses a textual language called Pig Latin and produces sequences of Map-Reduce programs. It helps makes it easier to write, understand and maintain programs which conduct data analysis tasks in parallel. Operating System: OS Independent

1017. Python

Python's strengths are its speed, flexibility and readable syntax. It's often used in Web development but can be used for other types of applications as well. Operating System: Windows, Linux, OS X

1018. R

R is both an environment and a programming language for statistical calculations. Operating System: Linux, OS X

1019. Ruby

Designed to feel "natural," Ruby's creator Yukihiro "matz" Matsumoto blended parts of Perl, Smalltalk, Eiffel, Ada, and Lisp to create a new language that's been called both "handy" and "beautiful." It's ranked as the tenth most popular programming language in the world, due in no small part to the popularity of the Ruby on Rails framework. Operating System: Windows, Linux, OS X

1020. Terra

Terra is a C-like language that can interoperate with Lua, but it can also be used alone. It's useful for high-performance computing. Operating System: Linux, OS X

Project Management

1021. Achievo

Designed for medium-sized organisations, Acheivo combines calendar, contacts, project management, time tracking and basic CRM and human resources management capabilities. It's Web-based, and the site offers a demo so that you can try it out before you download. Operating System: OS Independent.

1022. dotProject

Under development for thirteen years, this community-run project was originally envisioned as a replacement for Microsoft Project. Its core modules include calendar, contacts, forums, Gantt charts, reports, tasks and more. Operating System: Windows, Linux

1023. GanttProject

GanntProject offers basic project management capabilities, including creating work breakdowns, drawing dependencies, defining milestones, assigning resources to tasks and more. It can import and export Microsoft Project and CSV files. Operating System: Windows, Linux, OS X

1024. Onepoint Project

Suitable for organisations of all sizes, Onepoint Project features a full slate of enterprise features. Its available in multiple editions: Basic (free, open source), Community (free, open source), Professional (paid), Master (paid), Group (paid on premise or SaaS) or Enterprise (paid on premise or SaaS). Operating System: Windows, Linux, OS X

1025. openXprocess

A good choice for development teams, this project management app offers features and training for Scrum and Agile processes. It includes some process and resource management capabilities, as well as standard project management. Paid support, training and services are available. Operating System: Windows, Linux

1026. Plandora

Plandora meets the needs of a variety of kinds of teams with Gantt charts, a Balanced Scorecard view and an Agile development board. In addition, the latest release includes cost management, artifact management and new gadgets. Operating System: OS Independent.

1027. Project Libre

The team behind the abandoned OpenProj project are working on this alternative to Microsoft Project. Because it's a fork, the code is already very useable, despite the fact that the release is still technically a beta. Operating System: Windows, Linux, OS X

1028. Redmine

Web-based Redmine offers Gantt charts, calendar, per-project wikis, an issue tracker, newsfeeds and more. It also integrates with most version control systems, making it a good choice for development teams. Operating System: OS Independent.

1029. TaskJuggler

TaskJuggler calls itself "project managers' delight" and includes tools for project scoping, resource assignment, cost and revenue planning, and risk and communication management. It's designed for "serious project managers" and takes some effort to learn. Operating System: Windows, Linux, OS X.

1030. web2Project

Offering "real project management for real business," this Web-based tool can manage multiple projects, companies, departments and users. Key features include a modular infrastructure, built-in security, role-based permissions, project- and group-wide Gantt charts, and group calendar. Operating System: OS Independent.

1031. XPlanner+

Designed for development teams, this Java-based app includes project management, bug tracking and time tracking capabilities. It supports Agile methodologies and it can export to multiple formats, including Microsoft Project. Operating System: OS Independent

1032. Project.Net

The first open source solution to be included in Gartner's "Magic Quadrant for IT Project and Portfolio Management Applications," Project.Net is a robust, but affordable alternative to commercial PPM software. It integrates with many BI systems, includes advanced social networking features and commercial support and services are available. Operating System: OS Independent

RAID Controllers

1033. Mdadm

Part of the Linux kernel, Mdadm is software that makes it possible to build your own RAID array with standard hardware. It can also monitor and report on RAID arrays. Operating System: Linux

1034. Raider

Raider allows users to convert any Linx disk system into a RAID array. It supports RAID levels 1, 4, 5, 6 or 10. Operating System: Linux

1035. RaidEye

Just as Raider and Mdadm allow you to turn Linux systems into RAID arrays, RaidEye does the same thing for Macs. It's a monitoring tool that works with the built-in RAID capabilities in OS X. Operating System: OS X

1036. Salamander

Another Linux project, Salamander simplifies the process of turning a multi-disk system into a RAID system. As for the name, the website explains, "Salamanders are the only vertebrates that can regenerate limbs. In the same way, a system installed with Salamander can regenerate after a hard-drive failure." Operating System: Linux

1037. SnapRAID

SnapRAID is a non-standard RAID level for storage arrays. It uses snapshot backup capabilities to provide redundancy that protects against the failure of up to two disks in an array. Operating System: OS X

Religion

1038. BibleTime

Top-of-the-line Bible study tools like Logos can cost hundreds or even thousands of dollars, but BibleTime offers many of the same capabilities for free. It provides searchable access to more than 200 Bibles, commentaries and related resources. Operating System: Windows, Linux, OS X

1039. Gnaural

It already does everything else--now your computer can help you meditate. Using something called the "binaural beat principle," Gnaural generates audio tones designed to get you in the right frame of mind for relaxation. Operating System: Windows, Linux, OS X

1040. Noor

Noor doesn't offer a lot of bells and whistles, but it does let you access the text of the Quran from your PC. It includes both the original Arabic and translations. Operating System: OS Independent

1041.Xiphos

Xiphos provides access to the same Biblical texts and resources as BibleTime—it just has a different interface. It also provides the capabilities for users to create their own modules such as journals, prayer lists and personal commentaries that they can share with friends. Operating System: Windows, Linux

1042. Zekr

This app provides access to the Quran and commentaries in a number of different translations. It's completely free and open source because its developers follow a very simple rule: "Never Profit Off The Prophet." Operating System: Windows, Linux, OS X

Remote Access/VPN

1043. Android-VNC-Viewer

This VNC client allows you to use an Android device to connect to a VNC server. It allows you to view another system screen remotely. Operating System: Windows, Linux

1044. OpenVPN

OpenVPN is available as a open source community download, a commercially supported enterprise solution or as a cloud-based service. All three versions offer a secure, private way to access the Internet or your organisation's network. Operating System: Windows, Linux, OS X

1045. TightVNC

This remote control application allows users to interact with a system in one location while using a system in another location. In addition to its telecommuting uses, it's also useful in many help desk situations. Operating System: Windows, Linux

1046. UltraVNC

UltraVNC offers similar capabilities as TightVNC. Key features include file transfer, video driver, optional encryption plugins, MS logon, text chat, viewer toolbar, viewer auto scaling, multiple monitor support, auto reconnection and more. Operating System: Windows

Recipe Management

1047. Gourmet

Gourmet helps you organize your recipes. It imports recipes from multiple formats, including websites, plus it generates shopping lists and counts the calories in the meals you're making. Operating System: Windows, Linux

Report Authoring

1048. WIKINDX

WIKINDX combines tools for tracking bibliographic information with tools for collaboratively authoring papers. It can be deployed on a single system or on a Web server, and it knows how to format entries for the most popular style guides, including the *Chicago Manual*, APA and others. Operating System: OS Independent

1049. Zotero

Zotero stores research information where you found it—in your browser. It's a Firefox plug-in that automatically collects and organizes your research so that you can easily search it later. Operating System: OS Independent

Robotics

1050. The Player Project

More middle and high school are offering classes in robotics, and The Player Project provides some of the software that supports instruction in robotics. It includes Player, a network server for robot control; Stage, a 2D multiple robot simulator; and Gazebo, a 3D multiple robot simulator with dynamics for simulating outdoor environments. Operating System: Linux, Unix.

1051. ROS

Short for "Robot Operating System," ROS offers a set of open-source libraries for controlling robots. It includes device drivers, libraries, hardware abstraction and other capabilities. Operating System: Linux, OS X

Router Software

1052. Vyatta

The "core" Vyatta software allows users to make their own firewalls/networking appliances and routers. The company also offers paid software and hardware. Operating System: Linux.

School Administration

1053. Akura

Akura was designed for a "college" (which equates to a K-12 school in the U.S.) in Sri Lanka and serves many Asian institutions. It's won many awards, and it's particularly popular with religious schools. Operating System: Windows, Linux.

1054. ClaSS

Used by some of the largest international schools in Europe, ClaSS describes itself as "an information management system which puts students first." It includes a student database, messaging, reporting and school management features

1055. OpenAdmin

Downloaded nearly 25,000 times, this SIS has been deployed by schools all around the world—in fact, you can see a count of how many schools in each country use it right on the project home page. It includes modules for demographics, attendance, discipline, report cards, fees, online gradebook, transcripts, special needs and more. Operating System: OS Independent.

1056. Open-School

This very polished SIS describes boasts user-friendliness, security and scalability. A free community version is available, but the website primarily promotes the supported commercial version. Operating System: Windows, Linux.

1057. openSIS

Downloaded more than 50,000 times and used by more than 12,000 schools, openSIS bills itself as "the only open source Global SIS in the world." In addition to the free community edition it comes in commercially supported school and district versions. Operating System: Windows, Linux.

1058. SchoolTool

Designed for schools in the developing world, SchoolTool runs on Ubuntu and has been translated into numerous languages. The latest update can track skills, outcomes and standards, which is helpful for complying with regulations in many areas. Operating System: Linux.

Science

1059. OpenBEL

Although the project was originally begun by Selventa, the Linux Foundation now manages this effort aimed at creating a programming language "representing scientific findings in the life sciences in a computable form." The BEL part stands for Biological Expression Language. The project includes a framework, an editor and a navigator. Operating System: Linux

1060. Open Source Malaria

This is another example of the open source movement spreading beyond software. It's an open science effort to find a cure for malaria. It's hosted on GitHub, and anyone can contribute. Operating System: OS Independent

1061. OpenWorm

This unusual project is dedicated to building the first digital life form—a virtual version of the C. elegans nematode. They have code for several projects available through GitHub, or you can contribute simply by joining in on a Google Hangout discussion. The entire project (as well as the code) is guided by open source principles. Operating System: OS Independent

Screenplay Writing

1062. Celtx

You don't need to spend a lot of money on software in order to turn your idea into a properly formatted screenplay. The free desktop download of Celtx is used by more than 3,000,000 people, and it also comes in an online version that makes it easy for writers, directors, producers and production staff to collaborate. Operating System: Windows, Linux, OS X

Small Business Server

1063. ClearOS

ClearOS combines gateway security functionality with the capabilities of a small business server. It offers networking, groupware, a mail server, a Web server and more. Paid support and hardware are also available. Operating System: Linux.

1064. SME Server

Also aimed at small and medium-sized enterprises, SME Server is based on CentOS and RedHat Linux. It offers easy administration, file and print sharing, mail server, firewall, directory services, Web application server and more. Operating System: Linux

1065. Zentyal

Small businesses can use this app as a gateway, infrastructure manager, unified threat manager, office server, unified communication server or all of the above. It's goal is to provide "a single, easy-to-use platform to manage all your network services." Operating System: Linux

Smoking Cessation

1066. QuitCount

This Linux-only app helps keep you motivated to stop smoking. You tell it the day you quit, and it keeps a running total of how much money you've saved, how much tar you didn't put into your body and how much time you have added to your life expectancy. Operating System: Linux

1067. Smoke Reducer

Smoke Reducer keeps track of how long it's been since your last cigarette. It plays an alarm when it's time to smoke again, gradually lengthening out the time between smoking sessions until you stop completely. Operating System: Android

Social Networking

1068. BuddyPress

Made by the WordPress team, BuddyPress offers "social networking in a box." Its used by thousands of organisations to create social networks for a variety of different groups. Operating System: OS Independent

1069. Diaspora

If you'd rather avoid the potential privacy problems on Facebook by avoiding the social network altogether, you might want to check out Diaspora. It's an open source social network designed with privacy in mind. Operating System: OS Independent

1070. LiveStreet CMS

Similar to BuddyPress, LiveStreet is a content management system for creating blogs or social networks. It boasts easy installation, extensibility and multilingual functionality. Operating System: Linux

1071. Pligg CMS

Pligg describes itself as "social publishing" software; that is, it creates websites that invite users to submit their own content and/or vote on current content. Hosting is available through several third-party partners. Operating System: Windows, Linux

1072. Storyltr

Storyltr brings together all of your Web 2.0 posts from up to 18 different services, including Twitter, Flickr, StumbleUpon, Tumblr and others. It lets you tell the story of your life in your own way. Operating System: OS Independent

Speech

1073. eSpeak

Although not as human-sounding as some other text readers, eSpeak provides clear audio of the text on your screen. It supports dozens of different languages, as well as several different English accents. Operating System: Windows, Linux, OS X

1074. Simon

If you'd like to be able to talk to your computer, check out Simon. It accepts voice commands and turns audio into text. Operating System: Windows, Linux

Stamp Collecting

1075. Numismatic

Yes, there's even an open source project for coin collectors. Numismatica stores data related to your collection in a MySQL database that you can access through a Web app. Operating System: OS Independent

Storage

1076. Ceph

Ceph is a distributed file system that offers unified object, block and file-level storage. Professional support and services are available through InkTank. Operating System: Linux

1077. DRBD

With DRBD, organisations can turn their networked storage devices into high availability clusters. It essentially applies RAID Level 1 at a network level. Support and training are available through LinBit. Operating System: Linux

1078. FreeNAS

FreeNAS counts The United Nations, The Salvation Army, Reuters, Michigan State University and Disney among the more than 5 million users who have downloaded the software. It turns standard hardware into a BSD-based storage appliance with features like replication, data protection, encryptions, file sharing and more. Operating System: FreeBSD

1079. Gluster

Owned by Red Hat, Gluster is a highly scalable, distributed file system that allows users to cluster together numerous storage boxes. Designed for enterprises and "big data," it offers storage virtualisation capabilities and can support up to 72 brontobytes worth of data and thousands of clients. Operating System: Linux

1080. Libvirt Storage Management

This open source API provides an array of virtualisation management capabilities, including storage management capabilities. It supports multiple hypervisors, including, KVM, Xen, VMware, Hyper-V and others. Operating System: Linux

1081. Lustre

Oracle-owned Lustre boasts that it can handle very large and complex storage needs, "scaling to tens of thousands of nodes and petabytes of storage with groundbreaking I/O and metadata throughput." Note that although the name is similar to "Gluster," the two are completely independent projects. Operating System: Linux

1082. NAS4Free

This project allows users to create their own NAS storage appliance for sharing files across multiple operating systems. Features include ZFS v28, Software RAID (0,1,5), disk encryption, S.M.A.R.T and more. Operating System: FreeBSD

1083. OHSM

Short for Online Hierarchical Storage Manager, OHSM automatically moves data between high- and low-cost storage media in accordance with the policies set up by the administrator. It allows policies for allocation (where to put a new file) and relocation (when to move an existing file). Operating System: Linux

1084. Openfiler

Openfiler offers unified storage capabilities that combine the benefits of NAS with the benefits of a SAN. The site claims most users should be able to use it with commodity hardware to set up a storage appliance within 15 minutes. Paid support is available. Operating System: Linux

1085. Open Media Vault

Designed for home or SMB use, this NAS solution boasts simple setup, an intuitive Web-based interface, monitoring capabilities and more. It's based on Debian Linux and includes services like SSH, (S)FTP, DAAP media server, RSync and a BitTorrent client. Operating System: Linux

1086. OpenSMT

Like Openfiler, OpenSMT also allows users to turn standard system hardware into a dedicated storage device with some NAS features and some SAN features. It uses the ZFS filesystem and includes a convenient Web GUI. Operating System: OpenSolaris

1087. oVirt

Like Libvirt, oVirt can manage many different types of virtualized environments, including virtualized storage. It supports the KVM hypervisor only. Operating System: Linux

1088. SnapRAID

Designed for home media storage systems, SnapRAID adds redundancy to a disk array so that it can recover from a failure of up to two separate disks. It's applies a non-standard RAID format that works best with large files that change infrequently. Operating System: Windows, Linux, OS X

1089. Turnkey Linux

Turnkey offers dozens of pre-configured appliances that aim to make it easy to use various open source applications. Several are related to storage, including the CouchDB, MongoDB, File Server and Torrent Server appliances. Operating System: Linux

1090. ZFS

Originally developed by Sun, this file system supports very high storage capacities and offers features like error checking, RAID capabilities and data deduplication. It has been incorporated in many other open source projects, including FreeNAS and NAS4Free. Operating System: Solaris, OpenSolaris, Linux, OS X, FreeBSD

Systems Administration Tools

1091. Inside Security Rescue Toolkit

Also known as INSERT, the Inside Security Rescue Toolkit packs dozens of helpful security and system administration apps into a single download. In addition to a complete, bootable Linux system (based on Debian), you'll get apps for anti-virus protection, network analysis, forensics, and more. Operating System: Linux.

1092. ProShield

Designed primarily for Debian and Ubuntu, ProShield scans your system to make sure your software is up-to-date and that you haven't picked up any malware. It also reminds you to backup your system, checks your available disk space, and performs other routine maintenance checks. Operating System: Linux

1093. Webmin

This interface allows you to set up Unix user accounts, change passwords, and perform other system admin tasks from any Web browser. You can perform more than 100 different functions. Operating System: Unix

Text Editors

1094. Emacs

Emacs-style text editors have been around since the mid-70s and are popular among programmers. The GNU version offers content-sensitive editing modes for HTML and other types of files. Operating System: Windows, Linux, OS X

1095. jEdit

Java-based jEdit boasts auto indent and syntax highlighting for 130 programming languages. It has a huge list of features and more than 150 plug-ins that extend its capabilities. Operating System: OS Independent

1096. Notepad++

This mature text editor offers fast performance and a lightweight file size. It's been downloaded more than 20 million times, has won numerous awards, and offers a number of features that make it an excellent option for developers. Operating System: Windows

1097. TEA

TEA combines a small file size with hundreds of functions, including syntax highlighting for more than 20 languages. Other key capabilities include a spellchecker, code snippets, built-in ZIP packager, bookmarks, tabbed layout engine and more. Operating System: Windows, Linux, OS X

1098. Vim

Sometimes considered an IDE, Vim is a "programmer's editor" with extensive syntax assistance, code completion, split screens, undo/redo, and many other features. It's won a number of awards, but does have a reputation for being difficult to learn. Operating System: Windows, Linux, OS X

1099. Zile

Short for "Zile is Lossy Emacs," Zile is a small text editor that looks very similar to the popular Emacs editor. It packs many features into just 100KB, including multi-level undo, multi-window display, killing, yanking, register, and word wrap. Operating System: Linux/Unix

Time Tracking

1100. eHour

If you're a freelancer, consultant or other professional who bills by the hour, eHour can help you track and bill for the time you spend on projects. It also has some multi-user capabilities suitable for small offices. Operating System: Windows, Linux, OS X

1101. Rachota

One way to make sure you're being as efficient as possible is to track the amount of time you spend on tasks. Rachota does just that—for both work and home situations. It's also portable, so you can take it with you. Operating System: OS Independent

1102. timeEdition

The minimalist interface on this app makes it very easy to track the amount of time workers spend on various tasks. It also integrates with iCal, Outlook and Google Calendar, and exports into spreadsheet formats. Operating System: Windows, Linux, OS X.

1103. TimeTrex

This open source solution handles scheduling, employee time tracking, job estimates and payroll tasks. It's also available in a cloud-based "On Demand" version. Operating System: Windows, Linux, OS X

1104. Todomoo

Todomoo combines a hierarchical task manager with a time tracker that allows you to bill for your time on multiple projects. It's also available in a portable edition that you can run from a USB drive. Operating System: Windows.

To-Do Lists/Schedulers/Calendars

1105. Cheddar for iOS

This open source iOS app makes it easy to track your to-do list on the go. The app is free for one or two lists, but requires a subscription for additional lists—or you can download the source code and create your own similar app. Operating System: iOS

1106. Makagiga

Makagiga offers the same schedule/journal functionality as RedNotebook, plus it adds a sticky notes widget and a feedreader. Other optional add-ons are also available. Operating System: Windows, Linux

1107. qOrganizer

Like several of the other options in this category, qOrganizer offers a calendar, to-do list and an integrated journal. However, this one also adds special student-focused features, such as a booklet for tracking grades and attendance, a timetable for tracking classes and an extra loud alarm in case you've dozed off while studying. Operating System: Windows, Linux

1108. RedNotebook

This innovative app adds a text editor to a calendar/to-do list app. The result is perfect for keeping a diary or making notes about upcoming events. Operating System: Windows, Linux

1109. Task Coach

Unlike many similar to-do list managers, Task Coach allows you to break tasks down into smaller sub-tasks. It also allows you to tag and organize tasks, and it integrates with some of most well-known e-mail clients, including Outlook and Thunderbird. Operating System: Windows, Linux, OS X

1110. ThinkingRock

This app helps you put into practice the "Getting Things Done" methodology featured in books by David Allen. Different screens help you collect your thoughts, process thoughts, then organize, review, and do. Operating System: Windows, Linux

Travel

1111. OpenTripPlanner

This one-year-old project aims to make it easy for government entities to communicate information about public transit schedules, walking and biking routes and other travel-related information. Portland's TriMet, one of the sponsors of the project, currently has a working demo of the software in action. Operating System: OS Independent

Typing

1112. Klavaro

Humble Klavaro describes itself as "just another free touch typing tutor program," but it's actually quite unique for its keyboard- and language-independent operation. In addition to the familiar "QWERTY" keyboard layout, it supports six other built-in layouts, or you can use the keyboard editor to create your own. It's also available for 25 different languages, making this a good choice for users outside the U.S. Operating System: Windows, Linux

1113. TypeFaster Typing Tutor

Unlike TuxType, TypeFaster is a full-featured touch-typing learning system. It includes a 3D typing game, and it has a teacher mode that allows instructors to track students' progress. Operating System: Windows, Linux

1114. TuxType

For younger kids who are just learning their way around the keyboard, this app uses fun games to help students learn where the various letters are. Type quickly to help Tux the Linux penguin eat all the fish or save the earth from falling asteroids. Operating System: Windows, Linux, OS X.

Utilities

1115. Appetizer

Appetizer is a dock-style application launcher for Windows. It supports the PortableApps.com file format, so it will automatically detect any other portable apps you have on your thumb drive and include them on the dock. Operating System: Windows

1116. Barnacle

Barnacle allows you to use your Android device as a WiFi hotspot, so that you can connect your PCs to the Internet via your wireless data connection. Note that this app requires root access. Operating System: Android

1117. Coffee

This helpful app keeps your system "awake" during downloads, file transfers, etc. It's very helpful if you don't want your system going into standby mode while it completes a particular activity. Operating System: Windows

1118. Copy Handler

CopyHandler improves on the built-in file moving and copying features in Windows, adding task queuing, filtering, pause, resume and other features. It's highly customizable and makes it easier to clean up or organize stored files. Operating System: Windows.

1119. Folder Menu

This handy tool makes it easier to jump to your favorite files and folders. It works with Windows Explorer, open/save dialog boxes, or the command prompt. Operating System: Windows

1120. GnuWin32

This site offers native Windows ports of lots of different open-source apps offered under the GNU license. There are dozens of apps, tools, and libraries available, but many of them fall under the "utilities" category, which is why we put it here on our list. Operating System: Windows

1121. HDGraph

Wondering how in the world you managed to fill up 300 GB worth of hard drive space? HD Graph lets you see the reasons in a flash by drawing a multi-level pie chart that details how much space each directory and subdirectory is consuming. Operating System: Windows

1122. KShutdown

Need to turn off, turn on, or restart your computer at a later time? This app lets you schedule all those functions so they happen automatically and adds several other features as well. Operating System: Windows, Linux

1123. Open Manager

This project offers an alternative file manager for Android that makes it easy to cut, copy, paste, delete, rename, backup and zip files, as well as to install apps that don't come from Google Play. It comes in both smartphone and tablet versions. Operating System: Android

1124. Standup Timer

Keep your standup meetings short and sweet with this helpful timer. It displays both the amount of time elapsed and the time left before you need to wrap up your meeting. Operating System: Android

1125. Stuff Organizer

Stuff Organizer makes it easy to organize and find any kinds of files on your computer—whether they're music, video, or just documents. Features include a compression extracting utility, tagging support and integration with several Web services that provide data about multimedia files. Operating System: Windows

1126. UltraDefrag

Need to defrag your hard drive? Unlike the defragmenter tool that comes with Windows, UltraDefrag lets you defrag on startup for maximum speed. You can also configure it to shut down your system when it's finished, so you can leave it working at night after you go to bed. Operating System: Windows

User Authentication

1127. WiKID

WiKID boasts "two-factor authentication without the hassle factor." In addition to the free community version, it also comes in a supported enterprise version which also adds additional functionality. Operating System: OS Independent

Version Control

1128. Bazaar

This cross-platform, distributed version control system is used by numerous organisations, including open source heavyweights like the GNU project, Ubuntu, MySQL, Bugzilla, Debian and LaunchPad. It boasts great usability and calls itself "version control for everyone." Operating System: Windows, Linux, OS X

1129. Git

Used for the Linux kernel, Perl, Eclipse, Ruby on Rails, Gnome, KDE and many other open source projects, this distributed version control system is fast and efficiently handles large projects. It offers strong support for non-linear development and cryptographic authentication of history. Operating System: Windows, Linux, OS X

1130. Mercurial

This distributed version control system aims to help teams work together faster and more easily. It's easy to learn, and it's speed makes it particularly good at handling large projects. Operating System: Windows, Linux, OS X

1131. Subversion

Subversion describes itself as "Enterprise-class centralized version control for the masses." Its features and feel are very similar to CVS. Operating System: Windows, Linux, OS X

1132. TortoiseSVN

If you'd like to use Subversion on Windows, you might want to use the TortoiseSVN client. It lets you use commands and see the status of files from within Windows Explorer. Operating System: Windows

Video Tools

1133. Amara

Award-winning Amara claims to be "simply the best subtitling toolset in the world." The organisation also offers paid pro and enterprise versions, which are used by companies like TED, Netflix, Udacity, Twitter, Mozilla and many Hollywood production companies. Operating System: Windows, Linux, OS X

1134. Avidemux

Best for simple cutting, filtering and encoding projects, Avidemux isn't quite as full-featured as some of the other applications on this list. However, it does have some helpful automation, queuing and scripting capabilities. Operating System: Windows, Linux, OS X, others

1135. Cinelerra

Designed to be "useful and fast," Cinelerra invites users to "unleash the 50,000 watt flamethrower of content creation in your Linux box." It includes a long list of features and built-in special effects. Operating System: Linux.

1136. CinelerraCV

This community-focused version of Cinelerra offers some advanced features and help that isn't available with the standard version of Cinelerra. As new features are added to the regular version, they also get added to this community version. Operating System: Linux.

1137. DivXRepair

Experiencing problems playing AVI files? DivXRepair may be able to help. Operating System: Windows

1138. DVD Flick

DVD Flick makes it easy to incorporate video files on your system into a playable DVD. It includes the ability to add a custom soundtrack, subtitles and a menu. Operating System: Windows

1139. DVDx

This tool allows users to copy DVDs, convert videos to other formats, convert DVD audio to digital audio formats, merge and split files and more. It supports most popular file types. Operating System: Windows, Linux, OS X

1140. FFDShow

This codec decodes numerous file formats. It provides excellent video quality while consuming few computing resources. Operating System: Windows

1141. HandBrake

HandBrake aims to be able to convert video from nearly any file format. Basic operation is simple and fast, but it also includes a lot of options for those with more complicated needs. Operating System: Windows, Linux, OS X

1142. Hyperlapse

This tool uses Google Street View images to creating time-lapse videos that also move from one location to another. The results can be truly amazing. You can play with the tool online or download the code to incorporate similar capabilities into your own website. Operating System: OS Independent

1143. Jubler

Create subtitles from scratch or edit existing subtitles. Includes real-time preview, spell check, translation mode and more. Operating System: Windows, Linux, OS X

1144. Kaltura Community Edition

Kaltura is home to a number of video-related projects, including a player, editor, widgets, processing, and much more. Their latest release is a Joomla extension that makes it easy to add video to your Joomla-based Web site. Operating System: OS Independent.

1145. Kdenlive

Both intuitive and powerful, Kdenlive offers multi-track video editing with some advanced features. It supports a wide range of codecs and formats. Operating System: Linux, OS X

1146. LiVES

LiVES serves two different functions: standard video editing or live video mixing performed by VJs. It makes it easy to mix, switch and add effects in real time. Operating System: Windows, Linux, OS X

1147. OpenShot Video Editor

Very easy to use, OpenShot is a good option for people who are new to video editing. It exports completed videos to DVD, YouTube, Vimeo, Xbox 360 and several other common formats. Operating System: Linux

1148. PhotoFilmStrip

Want to turn your photos into a video slide show? PhotoFilmStrip makes it easy to showcase your pictures and move across them with the "Ken Burns" effect. Operating System: Windows, Linux

1149. Pitivi

This new video editor hasn't released a 1.0 version yet, but it's under very active development. It offers an intuitive, very stylish interface plus a full slate of features. Operating System: Windows, Linux, OS X, others

1150. Subtitle Workshop

This app can create, edit and convert text-only subtitles. Key features include a customizable interface, support for multiple languages, automatic durations, smart line adjusting, spell check and more. Operating System: Windows

1151. VirtualDub

VirtualDub also offers video capture and processing capabilities without all the advanced editing capabilities of some other tools. Thanks to its batch processing features, it can handle large numbers of files at once. Operating System: Windows

1152. Windows Essentials Codec Pack

Having trouble playing a video file you've downloaded from the Internet? This download gives you the tools you need to play 99 percent of files available, including a simple media player. Operating System: Windows.

1153. xVideoServiceThief

This tool makes it easy to download videos from Internet sites like Yahoo, Vimeo, and many others and convert them to any file format you like. It's very popular and has won numerous awards. Operating System: Windows, Linux, OS X

Virtualisation

1154. KVM

Short for "Kernel-based Virtual Machine," KVM is owned by Red Hat and included in the main Linux kernel. Unlike Xen, it only runs on x86 systems. Operating System: Linux

1155. OpenVZ

OpenVZ takes a different approach to virtualisation: unlike VMware, VirtualBox and many other virtualisation solutions which use VMs, OpenVZ offers container-based virtualisation through VEs or VPSs. Commercial products based on OpenVZ are sold as Parallels Virtuozzo Containers. Operating System: Linux

1156. VirtualBox

VirtualBox offers virtualisation for x86 and AMD64/Intel64 servers and desktops. Pre-built VirtualBox appliances are available for download from Oracle. Operating System: Windows, Linux, OS X, Solaris, others

1157. Xen

Xen has become the industry standard open source hypervisor, and it's used by many public cloud computing services, including Amazon and Rackspace. It's operating system-neutral, lightweight, secure and offers good performance. Operating System: OS Independent

Vulnerability Assessment

1158. BackTrack

BackTrack's website describes it as "a Linux-based penetration testing arsenal that aids security professionals in the ability to perform assessments in a purely native environment dedicated to hacking." It's won numerous awards and has been downloaded more than 4 million times. Operating System: Linux

1159. Metasploit

This well-known penetration testing tool simplifies network discovery and vulnerability verification. In addition to the free community version, it also comes in paid pro and express versions that add more capabilities. Operating System: Windows, Linux

1160. Nexpose

Often used alongside Metasploit, Nexpose offers vulnerability scanning for very small organisations or individuals. It also comes in paid express, consultant and enterprise versions. Operating System: Windows, Linux

1161. Nmap

This powerful network scanner helps with numerous administrative tasks, such as network inventory, managing upgrades and monitoring uptime, as well as with performing security audits. It's very flexible, portable and it's won numerous awards. Operating System: Windows, Linux, OS X

1162. Nikto

Nikto scans Web servers for thousands of dangerous files and server-specific problems. Optional automatic updates are available. Operating System: Windows, Mac, Linux, Unix, BSD

1163. OpenVAS

The "world's most advanced open source vulnerability scanner and manager," OpenVAS is a framework with several tools for security testing and management. It now includes more than 25,000 network vulnerability tests. Operating System: Windows, Linux, OS X

1164. Paros

This Java-based scanner intercepts all http and https data transmitted between server and client to help evaluate the security of Web applications. It includes a spider, proxy-chaining, intelligent scanning for XSS and SQL injections, and more. Operating System: OS Independent

1165. Samurai

Find out how well your Web site will stand up to attack with this penetration testing framework. It incorporates a number of well-known open source tools, including e Fierce domain scanner, Maltego, WebScarab, ratproxy, w3af, burp, BeEF, AJAXShell and many others. Operating System: Linux.

Web Filtering

1166. DansGuardian

This award-winning content filter uses phrase matching, PICS filtering, URL filtering and other methods to block objectionable content. Note that this software does not run on individual PCs; it runs on an OS X or Linux server to protect the rest of your network. Operating System: Linux, OS X

Website Editors

1167. Amaya

Originally developed by the World Wide Web Consortium (W3C) in 1996, Amaya promotes two-way Web communication by incorporating both a Web page viewer and a Web page editor. It supports multiple Web languages, including HTML, CSS, XML, XHTML, MathML and SVG. Operating System: Windows, Linux, OS X

1168. Aptana

A better option for professional Web application developers, Aptana supports HTML5, CSS3, JavaScript, Ruby, Rails, PHP and Python. It also offers Git integration and easy deployment to Heroku or EngineYard. Operating System: Windows, Linux, OS X

1169. Bluefish

Bluefish is a better option for experienced coders who are developing advanced Web applications. Its code completion tool supports CSS, CFML, HTML, HTML5, XHTML, Java, JavaScript, PHP, Ruby, Python, SQL, XML and other programming languages. Operating System: Windows, Linux, OS X

1170. BlueGriffon

Just over a year old, BlueGriffon is a next-generation Web page editing tool based on the Gecko rendering engine that Firefox also uses. The easy-to-use interface also makes it a good choice for non-technical users, and it supports HTML5. Operating System: Windows, Linux, OS X.

1171. Firebug

If you're comfortable editing code, Firebug is a fabulous tool for editing your Web pages live. It integrates with Firefox and makes it easy to search, edit, and find errors in your HTML, CSS, or JavaScript. Operating System: Windows, Linux, OS X

1172. Kompozer

A good choice for Web development newbies, Kompozer inlcudes an intuitive interface and WYSIWYG page editing for those who can't or prefer not to write code. Those who do like to write code will find that it supports CSS, JavaScript and XML, as well as HTML. Operating System: Windows, Linux, OS X

1173. SeaMonkey

SeaMonkey aims to be an all-in-one Internet app that allows you to browse websites and create them yourself. It also includes a feedreader, email client and chat client. It's based on Mozilla, so code the look and feel is very similar to Firefox. Operating System: Windows, Linux

1174. XML Copy Editor

For XML only, this editor is lightweight and fast. It validates your code as you type and offers a simple, basic interface. Operating System: Windows, Linux

Web Servers

1175. Apache HTTP Server

Used by 63 percent of all websites, Apache has been the most popular Web server for more than a decade. It prides itself on being secure, efficient and extensible. Operating System: Windows, Linux, OS X

1176. AppServ

The goal of the App Serv project is simple: allow users to set up a Web server with Apache, MySQL and PHP in one minute or less. Note that this project originated in Thailand so some of the English documentation reads a little strange. Operating System: Windows, Linux

1177. EasyPHP

EasyPHP lets you set up a WAMP (Windows, Apache, MySQL and PHP) environment on a system or a thumb drive in just minutes. It also includes optional modules for WordPress, Spip, PrestaShop, Drupal, Joomla, and other apps. Operating System: Windows

1178. Nginx

Nginx (pronounced "engine X") is both an HTTP and a mail proxy server. Currently powering about 8 percent of all websites, it's the third most popular Web server. Operating System: Windows, Linux, OS X

1179. XAMPP

Most of them time when you want to install the Apache Web server, you'll also need other tools, like MySQL, PHP and Perl. This group of downloads bundles together all of those tools—along with a variety of other open source software that's helpful for running a Web server—in an easy-to-deploy package customized for each of the major operating systems. Operating System: Windows, Linux, OS X, Solaris

Wine and Beer

1180. CellarBoss

For those with a large wine collection, CellarBoss helps keep track of the bottles you own and what you'd like to try next. It's Java-based and doesn't require a separate database, so it's easy to get started. Operating System: Windows, Linux, OS X

1181. Brewtarget

If you're more of a beer person than a wine person, Brewtarget can help you craft the perfect drink. This beer calculator helps home brewers track recipes and calculate the end results. Operating System: Windows, Linux, OS X