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# **■** Welcome to freshmeat.net



NOC Project is an Operation Support System (OSS) for telecom companies, service providers, and enterprise Network Operation Centers (NOC). Areas covered by NOC include fault management, service activation/provisioning, multi-VRF address space management, configuration management, DNS provisioning, peering management, RPSL and BGP filter generation, and reporting.



**Changes:** This release introduces Web interface customization via a configuration file, managed objects importation via a CSV file, bugfixes, documentation updates, and usability improvements.

- Internet
- <u>System</u>
- Python
- BSD Revised



iPodFS allows you to mount the iTunes DB from your iPod and use it like other USB-connected music players, which interface with the computer like a hard drive. This lets you access the files on the iPod from the command line and play them with your favourite MP3 player.



**Changes:** Initial caching performance fixes. A fix for a segfault in g\_strsplit. An iPod mountpoint autodetect mode. Write support (adding new files will be introduced in future releases).

- System
- multimedia
- Sound/Audio
- LGPL



Areca is a file backup system that supports data compression (zip / zip64 format) and encryption, incremental backups, FTP file transfer, a file history explorer, and many other features. It includes a transaction mechanism, which guarantees the integrity of your backups. Two user interfaces are available: a command-line interface (useful for backup automation) and a graphical user interface (useful for backup administration).



**Changes:** This version includes a regex file filter bugfix. It adds 'encrypt file names' to the 'missing encryption data' window. It has file handle cleanup.

- System
- **Utilities**
- Archiving
- GPL

☐ <u>18 Mar 22:06</u> ProcessMaker OSS 1.2-2261



ProcessMaker is workflow and business process management software that allows small to medium-sized organizations to automate document intensive, approval-based processes across various systems including finance, HR, and operations. An entirely Web-based, AJAX-enabled application built on the popular open source WAMP/LAMP stacks, it includes tools to design forms, create documents, assign roles and users, create routing rules, and send alerts. A full service-orientated architecture (SOA) and Web Services interface allows the software to directly connect with popular business intelligence, content management, and enterprise resource planning systems.



**Changes:** This is a significant release that includes support for LDAP and Active Directory user authentication. It includes an advanced case search module, improvements to the user security policy regarding password requirements, and default language settings. Admins can delete user groups without causing task assignment issues, and save the date that emails are sent. There are a number of bugfixes. It is recommended that all PM users upgrade.

- LDAP
- Stable 1.x
- Office/Business
- Information Management
- groupware
- AGPL



dvipng makes PNG or GIF graphics from DVI files obtained from TeX and its relatives. Its benefits include speed; it uses very fast bitmap-rendering code for DVI files. Furthermore, it does not read the postamble, so it can be started before TeX finishes. It supports PK, VF, PostScript Type1 (via FreeType or t1lib), and TrueType fonts (via FreeType), color specials, can render CJK fonts, and more.



**Changes:** The main code addition is to allow usage of recent versions of the xcolor package, which also will reenable much of the PSTricks package. Still, dvipng can only handle drawing PostScript code at the moment, not PostScript code intended to make dvips + gs scale, rotate, or move DVI glyphs (characters). This is because the graphics state cannot be communicated back to dvipng from gs. So there are no guarantees. Also, the performance in terms of runtime could be better. Other changes include a fix for inclusion of bitmaps with transparent background, and a typo in the file-handling code on machines that do not have mmap.

- Text Processing
- Markup

- TeX/LaTeX
- GPL



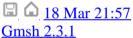


Lynx is a fully-featured WWW client for users running cursor-addressable, character-cell display devices (e.g., vt100 terminals, terminal emulators running on PCs or Macs, or any other character-cell display). It will display HTML documents containing links to files on the local system, as well as files on remote systems running HTTP, HTTPS, gopher, FTP, WAIS, NNTP, finger, or cso/ph/qi servers, and services accessible via logins to telnet, tn3270, or rlogin accounts.



Changes: This prerelease includes many changes for Unicode support, SSL, etc.

- Development
- Internet
- WWW/HTTP
- Browsers
- GPL





Gmsh is an automatic 3D finite element grid generator with built-in CAD and post-processing facilities. Its design goal is to provide a simple meshing tool for academic problems with parametric input and advanced visualization capabilities. It is built around four modules: geometry, mesh, solver, and post-processing. The specification of any input to these modules is done either interactively using the graphical user interface (based on FLTK and OpenGL) or in ASCII text files using Gmsh's own scripting language.



**Changes:** This release removes the GSL dependency (Gmsh now simply uses BLAS and Lapack), adds better support for multi-window rendering, and fixes various bugs.

- multimedia
- Scientific/Engineering
- Graphics
- GPL



Draco 1.3 Candidate 1



Draco is an econometrics and statistics package written with ease of use in mind. The software offers a variety of regressions for econometric analysis, and data is presented in a familiar, spreadsheet-like interface. Draco features data plotting and manipulation as well. It interoperates with common open source formats, including OpenDocument spreadsheets and Scalable Vector Graphics.



**Changes:** This release incorporates a new text editor component for plugin development using RSyntaxTextArea. It replaces the custom nonlinear least squares algorithm with more convergent Apache Commons Math routines. It implements a plugin wizard to aid in plugin development. Java Look and Feel is now user-definable. Help browser (HelpGUI) has been upgraded to better support opening external Web browsers on GNU/Linux and similar systems.

- Unstable
- Scientific/Engineering
- Office/Business
- Mathematics
- GPLv3

☐ <u>18 Mar 21:17</u> VuzitPHP 1.0.0



VuzitPHP is a PHP library for the Vuzit AJAX document viewer Web services API. Vuzit is an online electronic document storage, viewing, and services platform.



**Changes:** This is the initial public release. It includes methods for uploading, viewing, and deleting electronic documents (PDF, DOC, XLS, and PPT).

- <u>PHP</u>
- Office
- <u>Viewer</u>
- MIT/X

☐ <u>18 Mar 21:15</u>
Java Tools 0.37



Java Tools is a lightweight IDE for creating, compiling, executing, and debugging Java applications and applets. It includes point and click access to the Java commands, documents, directories, and files. It also includes a built-in text editor and user interface for the Java debugger. It makes learning and using Java easier. It's for the new Java user who needs help getting started, as well as the more experienced Java user who wants easy access to the Java commands and a text editor.



**Changes:** The Copy menu was expanded and the Move menu was added, with refactoring of the file copied or moved. The Find String window was added, with double-clicking on a string to open the Java file and select the string. Getting Started was added to the Help menu.

- Text Editors
- Integrated Development Environments (IDE)



The Next ESA SAR Toolbox (NEST) is used for reading, post-processing, analyzing, and visualizing the large archive of data from ESA SAR missions, including ERS-1 and 2 and ENVISAT. NEST has been built using the Basic ERS and Envisat (A)ATSR and MERIS (BEAM) Toolbox and it covers the functionality of the older Basic Envisat SAR Toolbox (BEST).



**Changes:** This release features complex coregistration, principle component analysis, Alos Palsar support, TerraSarX support, and Radarsat2 support.

- Software Development
- <u>Libraries</u>
- Scientific/Engineering
- GPLv2



Papyrus is a 2D C++ scenegraph (canvas) library that utilizes the cairo library to perform drawing operations. Similar canvas libraries are the Gnome Canvas, Diacanvas, and the QT Canvas. Numerous canvas primitives are available, including arcs, rectangles, polylines, and line markers. An optional companion library, Papyrusmm, provides a set of Gtkmm widgets which includes viewports (a canvas display widget similar to Gtk::DrawingArea) and other UI widgets related to drawing interfaces.



Changes: This release contains a few new features, some new optimizations, and some bugfixes. New features include the freeze()/thaw() methods added to Drawable. You can try them out in the demo, which includes an example. In coordination with the introduction of the freeze()/thaw() methods, the Boolean redraw parameter on all the Drawable affine transform methods has been removed. Rather than adding this parameter per function call, you can now enclose a group of function calls with a freeze/thaw pair. An issue that prevented the Canvas from drawing its background has been fixed, as well as several instances of invalid list iterators in Drawable's external matrices that caused segfaults. This release handles external matrix changed signals through a reference counted system rather than the older one-connection-per-added-matrix. This should improve things if a matrix is added multiple times to a drawable at the same or different levels.

- Software Development
- Libraries
- multimedia
- LGPL

Gnome Chemistry Utils 0.10.4



The Gnome Chemistry Utils includes the following programs: a 2D chemical editor (GChemPaint), a chemical calculator (computes raw formule, molar weight, mass composition, and isotopic pattern), a 3D molecule viewer using OpenGL to display molecular models, a crystal structure viewer and editor, a spectrum viewer, and a periodic table of the elements.



**Changes:** This is a bugfix release. GChemPaint fixes text loading in groups, copying text while editing text or a fragment object, and loading integers in .cdx files on big endian machines. The Mozilla plugin is compatible with the new XULRunner API. Various build issues and compilation issues with gcc-4.4 have been fixed. Exit will not be called from a library. An unused direct shlib dependency has been removed. There is a new zh\_TW translation. Various other issues were fixed.

- Scientific/Engineering
- education
- Chemistry
- GPL

☐ <u>18 Mar 20:59</u> Convey 0.2



Convey is a small UI abstraction layer emphasizing simplicity and speed of development over fine-grained control. It is aimed at utilities and small programs. It uses the end-user's preferred interface library. It currently supports Motif, GTK 2, and Qt 4.



**Changes:** This release adds checkboxes and save dialogs to supported elements. It fixes a GTK initialization bug.

- Software Development
- <u>Libraries</u>
- <u>User Interfaces</u>
- GPLv3



TCPDF is a PHP class for generating PDF documents without requiring external extensions. TCPDF supports all ISO page formats and custom page formats, custom margins and units of measure, UTF-8 Unicode, RTL languages, HTML, barcodes, TrueTypeUnicode, TrueType, OpenType, Type1, and CID-0 fonts, images, graphic functions, clipping, bookmarks, JavaScript, forms, page compression, and encryption.



**Changes:** This version contains some bugfixes.

- <u>Software Development</u>
- <u>Libraries</u>
- Text Processing
- LGPL



MyMahj is a relaxing solitaire Mahjong game in 2D and 3D. The purpose of the game is to clear the screen of tiles by clicking on two identical tiles (or two seasons or flowers). Only exposed tiles can be removed at

any given moment. A tile is exposed if there is no tile over it, and if there is empty space on its left or right side.



**Changes:** Display Lists are replaced by Vertex Arrays and Vertex Buffer Objects. There is a new icon, with high-resolution graphics for Leopard and Vista. A default button has been added to the dialog boxes. The game can be installed in a path with Unicode characters.

- Games/Entertainment
- Puzzle Games
- Freeware



jwaBlogger is an easy-to-configure, set up, customize, and use social links and blogging environment that provides you the ability to have your own Web site similar to sites like Digg, Yahoo Buzz, DZone, The Server Side, InfoQ, Slashdot, etc. It also makes a very nice personal blogging environment.



**Changes:** The primary new feature of this release is predefined searches that can be used as content on the page. This release also has a new licensing model, as well as new feed import timers that allow feed imports to be performed at a specified time interval.

- <u>Software Development</u>
- <u>Libraries</u>
- Communications
- Shareware



xxgamma is an PyGTKbased GUI for xgamma that allows you to load, modify, and store multiple gamma correction profiles for XFree86 and X.org through a GUI and a command line interface.



**Changes:** This release has some bugfixes for single value mode. and fixes a bug when setting initial gamma values. An Undo menu item has been added.

• GPL





Granite Data Services (GDS) is an alternative to Adobe LiveCycle (Flex 2) Data Services for J2EE application servers. The primary goal of this project is to provide a framework for Flex 2+/EJB3/Seam/Spring/Guice/Pojo application development with full AMF3/RemoteObject benefits. It also features a Comet-like Data Push implementation (AMF3 requests sent over HTTP) and ActionScript3 code generation tools (Ant task and Eclipse Builder).



Changes: This is a major update. Bugs were fixed. All GraniteDS technologies were repackaged.

- Major feature enhancements
- Major bugfixes
- Beta
- Software Development
- Internet
- WWW/HTTP
- LGPL



TCExam is Web-based assessment software for generating and managing online tests and exams. It simplifies the exam cycle, including generation, execution, evaluation, presentation, and archiving.



**Changes:** This release includes an updated version of Arabic language and TCPDF library.

- <u>Testing</u>
- education
- GPL

■ <u>18 Mar 16:36</u> Mathomatic 14.3.5



Mathomatic is a small and portable CAS (Computer Algebra System) and calculator software that can symbolically solve, simplify, combine, and compare equations; perform general complex number and polynomial arithmetic; do simple calculus transformations, etc.



**Changes:** This is a maintenance release. Several minor functionality problems were corrected. The documentation was made more helpful. A new set negate\_highest\_precedence option was added to allow mathematical expression parsing to work exactly the same as other math programs.

- Stable
- education
- Mathematics
- <u>algebra</u>
- LGPL



FrontAccounting is a Web-based accounting system for ERP chains. It is multiuser, multilingual, and multicurrency.



**Changes:** A small layout fix. A fix for searching by item description in the item selector. Several errors in GL database banking have been fixed. A GL line delete bug has been fixed. Exchange variances are stamped in the invoice JE instead of payment JE if the invoice date is later than the payment date (payment in advance). A minor bug in the Report List of Journal Entries has been fixed.

- Stable
- Office/Business
- Financial
- Accounting
- GPL



jresolver is a lightweight domain name resolver library written in pure Java. It is what RFC1034 describes as a stub resolver, i.e. it uses a single nameserver to do the hard work of resolving its queries. It operates using UDP as a transport, and has support for multithreaded querying and a robust resend and timeout mechanism.



**Changes:** This release switches to using unconnected UDP sockets, and thus works well both in Mac OS X and Linux.

- Software Development
- Internet
- Libraries
- GPLv3



CPPSERV is a Web application server / servlet container that provides a Servlet-like API to C++. It also contains CSP (C++ Server Pages) functionality, similar to pre-compiled JSP. It consists of stand-alone application server and Web server front-ends. Modules for Apache and lighttpd are available.



**Changes:** This version adds support for <csp:defun&#62; and &#60;csp:call&#62; tags. It also adds the with\_servlet parameter to &#60;csp:define&#62; for cases where servlet data needs to be retrieved from within a defined function. (&#60;csp:defun&#62; doesn't need it, since it generates a member function, rather than a member object). Some gcc-4.3 related fixes were also added.

- Software Development
- <u>Internet</u>
- WWW/HTTP
- GPL



Amarok Youtube Service allows you to search for YouTube clips and add them to your playlist.



**Changes:** Some changes were made that might allow this to work with amarok 2.1, but that has not yet been tested.

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• GPL

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# **Project Spotlight**

#### **Zenoss Core**

An enterprise network and systems monitoring application.



## **Project Spotlight**

### **mpdscribble**

last.fm for MPD.

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