

Annex: OSS Alphabetical list and Software identification

<i>Software</i>	<i>Short description</i>	<i>Page</i>
A2ps	a2ps formats files for printing on a PostScript printer.	149
AbiWord	Open source word processor.	122
AIDE	Advanced Intrusion Detection Environment. Free replacement for Tripwire(tm). It does the same things as Tripwire(tm) and more.	53
Alliance	Complete set of CAD tools for the specification, design and validation of digital VLSI circuits.	114
Amanda	Backup utility.	134
Apache	Free HTTP (Web) server which is used by over 50% of all web servers worldwide.	106
Balsa	Balsa is the official GNOME mail client.	96
Bash	The Bourne Again Shell. It's compatible with the Unix `sh' and offers many extensions found in `csh' and `ksh'.	147
Bayonne	Multi-line voice telephony server.	58
Bind	BIND "Berkeley Internet Name Daemon", and is the Internet de-facto standard program for turning host names into IP addresses.	95
Bison	General-purpose parser generator.	77
BSD operating systems	FreeBSD is an advanced BSD UNIX operating system.	144
C Library	The GNU C library is used as the C library in the GNU system and most newer systems with the Linux kernel.	68
CAPA	Computer Aided Personal Approach. Network system for learning, teaching, assessment and administration.	131
CVS	A version control system keeps a history of the changes made to a set of files.	78
DDD	DDD is a graphical front-end for GDB and other command-line debuggers.	79
Diald	Diald is an intelligent link management tool originally named for its ability to control dial-on-demand network connections.	50
Dosemu	DOSEMU stands for DOS Emulation, and is a linux application that enables the Linux OS to run many DOS programs - including some	138
Electric	Sophisticated electrical CAD system that can handle many forms of circuit design.	115
Emacs	Emacs is the extensible, customizable, self-documenting real-time display editor.	137
Enhydra	Enhydra is the first and leading Open Source Java/XML application server.	107
Flex	Lexical analyser generator.	150
FreePascal	Free software implementation of the Pascal language.	60
GCC	Free compiler collection for C, C++, Fortran, Objective C and other languages.	61
gdb	Source-level debugger for C, C++ and Fortran.	80
gEDA	Collection of tools that include a schematic capture tool, a netlister, PCB tool, and a verilog compiler/simulator. gEDA stands	117



gforth	Fast, portable implementation of the ANS Forth language.	62
gFTP	gFTP is a free multithreaded ftp client for UNIX based machines running X.	100
Ggradebook	Ggradebook is the fully-featured GNU gradebook; an application for tracking student grades for teachers.	132
Ghostscript	Interpreter for the Postscript and PDF graphics languages.	146
Ghostview	Ghostview is an X11 user interface for Ghostscript, allowing you to view and navigate PostScript files.	86
GIMP	GNU Image Manipulation Program. Application of the same level as Photoshop.	84
GNOME	The GNOME project has built a complete free and easy-to-use desktop environment for the user, as well as a powerful application	88
GNU-AWACS	Advanced Monitoring And Control Structure.	51
Gnucomm	Free software telecommunication servers and client project.	56
GNUMed	Comprehensive and robust software package for paperless medical practice (project).	130
Gnumeric	The Gnumeric spreadsheet is part of the GNOME desktop environment: a project to create a free, user friendly desktop environmen	129
GnuPG	GnuPG stands for GNU Privacy Guard and is GNU's tool for secure communication and data storage. It can be used to encrypt data	140
Gnuplot	Interactive function plotting utility.	133
GNU-Smalltalk	GNU implementation of the Smalltalk-80 language.	63
grep	Grep searches one or more input files for lines containing a match to a specified pattern.	151
GRG	GNU Report Generator.	118
Groff	Groff (GNU Troff) is a document processor which reads plain text mixed with formatting commands and produces formatted output.	123
GTK+	GUI toolkit for the X Window System.	71
gzip	GNU's program for compressing and decompressing files.	135
ht://Dig	Complete world wide web indexing and searching system.	108
HylaFAX	HylaFAX is used for sending and receiving facsimiles as well as for sending alpha-numeric pages.	57
Interbase	Cross-platform, structured query language (SQL) relational database management system (RDMS).	119
Interchange	Open source e-commerce platform	109
Ipchains	Firewalling tool.	99
IsPELL	Interactive spell checker that suggests 'near misses' to replace unrecognized words.	152
JOnAS	Enterprise Java bean server (from Bullsoft)	91
Kaffe	Kaffe is a cleanroom, open source implementation of a Java virtual machine and class libraries.	59
KDE	KDE 2.0 is a graphical interface for Linux	89
Kdevelop	The KDevelop-Project was raised to build up an easy to use C/C++ IDE (Integrated Development Enviroment) for Unix.	81



Koffice	Integrated Office suite	124
LaTeX	LaTeX is a high-quality typesetting system, with features designed for the production of technical and scientific documentation	125
Linux	Linux is a free Unix-type operating system originally created by Linus Torvalds with the assistance of developers around the wo	145
Linuxconf	Linuxconf is a sophisticated administration system for the Linux operating system. In many ways, Linuxconf is different from ot	45
Lynx	Text-only Web browser.	111
LyX	Document processor.	126
Mailman	Software to help manage email discussion lists.	97
make	Source coed project manager that automatically determines which pieces of a large program need to be recompiled, and issues com	82
Mesa	Free implementation of OpenGL.	72
Midnight Commander	user friendly and colorful Unix file manager and shell, useful to novice and guru alike.	148
Mozilla	Mozilla is a cousin to Netscape Communicator internet application suite that is being developed by the Free Software Community	112
MRTG	Tool to monitor the traffic load of network-links.	52
mttools	Set of public domain programs to allow Unix systems to read, write, and manipulate files on a DOS file system (typically a disk	142
MySQL	Relational Database.	120
omniORB	omniORB is a robust, high-performance, multi-threaded CORBA 2 ORB (Object Request Broker).	92
Open Motif	Motif is the leading user interface for the UNIX® based operating system.	73
OpenLDAP	OpenLDAP is an open source implementation of the Lightweight Directory Access Protocol.	101
OpenSSL	Open source toolkit to implement a Secure Socket Layer	141
Perl	Perl is an interpreted high-level programming language.	64
PHP	PHP is a server-side, cross-platform, HTML embedded scripting language.	65
PostgreSQL	Sophisticated Object-Relational DBMS, supporting almost all SQL constructs.	121
Python	Interpreted, interactive, object-oriented programming language.	66
QT	C++ object oriented toolkit, used to create GUI applications	74
Quanta+	Quanta Plus is an HTML editor.	75
RCS	RCS is used for version control and management of software projects.	83
Samba	Free SMB and CIFS client and server for unix and other operating systems.	102
SANE	Application programming interface (API) that provides standardized access to any raster image scanner hardware.	48



Satan	SATAN is a tool to help systems administrators. It recognizes several common networking-related security problems, and reports	55
Sendmail	Mail Server.	98
Sketch	Sketch is a vector drawing program similar to CorelDraw or Adobe Illustrator.	85
SmallEiffel	Complete, small, very fast Eiffel compiler.	67
Squid	Squid is a full-featured Web proxy cache.	103
StarOffice	Complete GPL Office Suite, includes word processing, spreadsheet, presentation, database and other utilities.	127
tar	File archiver.	136
Teacup	CGI application designed to provide helpdesk problem report management for small to medium size organizations.	104
Webmin	Webmin is a web-based interface for system administration on Unix.	47
wget	Non-interactively retrieves files from the WWW using HTTP and FTP.	105
Wine	Wine is an implementation of the Windows 3.x and Win32 APIs on top of X and Unix.	139
wxWindows	cross-platform GUI development framework.	76
Xanim	Video and Audio player	87
X-CD-Roast	X-CD-Roast tries to be the most user friendly CD-burning software ever. It allows even the unexperienced user to create or copy	98
XFree86	Open Source version of X Window (graphical environment).	90
XFS	Journaling filesystem for the Linux kernel.	143
Xlogmaster	X11 program that does comfortable and fast monitoring of all logfiles and every device that allows its status being read.	49
Xmovie	Multimedia viewer	94
zope	Open Source web application server	113



Category :	Administration-Administration
Target user .	System Administrator
Name :	Linuxconf
Version number :	1.24
Maturity :	Complete
Homepage :	http://www.solucorp.qc.ca/linuxconf/
License :	GPL
Similar products :	Webmin
Short description :	Linuxconf is a sophisticated administration system for the Linux operating system. In many ways, Linuxconf is different from other administration schemes found on Unix operating systems and most other systems.
Long description :	Linuxconf is two things: A configuration utility (A user interface to do configuration tasks) and an activator. Linuxconf is involved at different points in the operation of a linux workstation. Mostly, it has features to warrant that the configuration is effectively performing.
Features :	<p>Linuxconf provides configuration interface for the following things :</p> <ul style="list-style-type: none"> - System time, time zone, CMOS clock. - LILO management. - Basic networking configuration (IP numbers and net mask) of the four network adaptors. - IPX interface setup. - Static routing. Default route. - Filesystems (/etc/fstab). - Routed daemon. - NIS client (ypbind). - NFS server. - PPP client configuration and activation. - User accounts and groups. - Shadow account policies. - The named daemon. Yes Linuxconf provides a friendly interface to configure and maintain a complete DNS. Check this out! - Sendmail, virtual email domain. Check this out! - Fire-walling (Packet filtering). - RARP setup. - DHCP - IP Alias setup. - UUCP management. - Disk quota management.
Platforms :	<p>Linuxconf works for a.out and ELF systems. It installs currently directly on the following Linux systems :</p> <ul style="list-style-type: none"> - Caldera (1.1) - Debian (1.1) - Mandrake (6 and 7) - RedHat (5,6 and 7) - Slackware (2 and 3.x) - SuSE (5 and 6).
Interoperability :	
Groups / support :	http://www.solucorp.qc.ca/linuxconf/



Provider / main author :

Jacques Gélinas (jack@solucorp.qc.ca) and other contributors.

Training possibilities :

Comments :



Category :	Administration-Administration
Target user .	System Administrator
Name :	Webmin
Version number :	0.8.4
Maturity :	Usable
Homepage :	http://www.webmin.com/webmin/
License :	BSD
Similar products :	Linuxconf
Short description :	Webmin is a web-based interface for system administration on Unix.
Long description :	<p>Webmin is a web-based interface for system administration for Unix. Using any browser that supports tables and forms (and Java for the File Manager module), you can setup user accounts, Apache, DNS, file sharing and so on.</p> <p>Webmin consists of a simple web server, and a number of CGI programs which directly update system files like /etc/inetd.conf and /etc/passwd. The web server and all CGI programs are written in Perl version 5, and use no external modules. This means that you only need a Perl binary to run Webmin.</p>
Features :	<p>With others, the following modules are included as standard with release 0.84 of Webmin.</p> <ul style="list-style-type: none"> - PostgreSQL Database Server - Extended Internet Services - Linux RAID - MySQL Database Server - System Logs - FTP Server - Telnet Login - Network Configuration - File Manager - PPP Usernames and Passwords - Squid Proxy Server - Sendmail Configuration - BIND DNS Server - Apache Webserver - Internet Services and Protocols - Samba Windows File Sharing - Users, Groups and Password
Platforms :	A lot of Unix systems.
Interoperability :	
Groups / support :	Mailing lists : http://webadmin.sourceforge.net/webmin/mailling.html
Provider / main author :	icameron@webmin.com
Training possibilities :	
Comments :	



Category :	Administration-Hardware
Target user .	System Administrator
Name :	SANE
Version number :	1.0.3
Maturity :	Complete
Homepage :	http://www.mostang.com/sane/
License :	GPL
Similar products :	Twain
Short description :	Application programming interface (API) that provides standardized access to any raster image scanner hardware.
Long description :	<p>SANE stands for "Scanner Access Now Easy" and is an application programming interface (API) that provides standardized access to any raster image scanner hardware (flatbed scanner, hand-held scanner, video- and still-cameras, frame-grabbers, etc.).</p> <p>SANE is a universal scanner interface. The value of such a universal interface is that it allows writing just one driver per image acquisition device rather than one driver for each device and application. So, if you have three applications and four devices, traditionally you'd have had to write 12 different programs. With SANE, this number is reduced to seven: the three applications plus the four drivers.</p>
Features :	
Platforms :	<p>Runs on Unix systems.</p> <p>SANE currently includes modules for accessing:</p> <ul style="list-style-type: none"> - Scanners: Agfa SnapScan Apple Artec Canon CoolScan Epson HP Microtek Mustek Nikon Siemens Tamarack UMAX - Others: Connectix QuickCams and other SANE devices via network.
Interoperability :	
Groups / support :	Mailing lists : http://www.mostang.com/sane/mail.html
Provider / main author :	
Training possibilities :	
Comments :	



Category :	Administration-Log Analyzers
Target user .	System Administrator
Name :	Xlogmaster
Version number :	1.6.0
Maturity :	Complete
Homepage :	http://www.gnu.org/software/xlogmaster/xlogmaster.html
License :	GPL
Similar products :	
Short description :	
X11 program that does comfortable and fast monitoring of all logfiles and every device that allows its status being read.	
Long description :	
The Xlogmaster is a program that lets you monitor everything that's going on on your system in a very quick and comfortable way. It allows reading logfiles, devices or running status-gathering programs, translating all data (if wished) and displaying it with filters for highlighting / lowlighting / hiding lines or taking actions upon user-defined events.	
Features :	
See desc.	
Platforms :	
<ul style="list-style-type: none"> - AIX 4.1.5 - Digital UNIX 3.2c - FreeBSD - GNU/Linux - HP-UX - Irix5.3 (MIPS R4000) - Irix 6.2 (MIPS R5000) - Solaris - SunOS 4.1.1 - x86 BSDI 3.0 	
Interoperability :	
Groups / support :	
- Mailing lists : http://www.gnu.org/software/xlogmaster/xlogmaster.html HelpMailing	
Provider / main author :	
The GNU Project	
Training possibilities :	
Comments :	
Is going to be replaced by GNU AWACS wich is currently under early development (latest version is 0.1)	



Category :	Administration-Monitoring
Target user .	System Administrator
Name :	Diald
Version number :	0.99
Maturity :	Usable
Homepage :	http://diald.sourceforge.net/
License :	GPL
Similar products :	
Short description :	
Diald is an intelligent link management tool originally named for its ability to control dial-on-demand network connections.	
Long description :	
Diald is a daemon that does demand dialing for network protocols PPP and SLIP. The purpose of diald is to make it transparently appear that you have a permanent connection to a remote site. Diald sets up a ``proxy" device which stands in for the physical connection to a remote site. It then monitors the proxy, waiting for packets to arrive. When interesting packets arrive it will attempt to establish the physical link to the remote site using either SLIP or PPP, and if it succeeds it will forward traffic from the proxy to the physical link. As well, diald will monitor traffic once the physical link is up, and when it has determined that the link is idle, the remote connection is terminated. The criteria for bringing the link up and taking it down are configurable at run time, and are based upon the type of traffic passing over the link.	
Features :	
See desc.	
Platforms :	
Any linux system with a kernel >= 2.0.X	
Interoperability :	
Groups / support :	
http://diald.sourceforge.net/support.html	
Provider / main author :	
Mike Jagdis (http://www.purplet.demon.co.uk/)	
Training possibilities :	
Comments :	



Category :	Administration-Monitoring
Target user .	System Administrator
Name :	GNU-AWACS
Version number :	0.1.1
Maturity :	Pre-version
Homepage :	http://www.gnu.org/software/awacs/awacs.html
License :	GPL
Similar products :	
Short description :	
Advanced Monitoring And Control Structure.	
Long description :	
GNU AWACS is a project aimed at giving you complete knowledge and control over anything that happens on a machine or within a network. By collecting information from logfiles, devices, programs and binary plugins it can gather anything needed.	
Features :	
<ul style="list-style-type: none"> - Programming the system to take care of several basic administrative tasks. - Monitoring possible security problems. - Gathering statistics about jobs/processes/network/user activity. 	
Platforms :	
Linux.	
Interoperability :	
Groups / support :	
Mailing list : help-awacs@gnu.org	
Provider / main author :	
Georg C. F. Greve < greve@gnu.org >	
Training possibilities :	
Comments :	



Category :	Administration-Monitoring
Target user .	System Administrator
Name :	MRTG
Version number :	2.9.7
Maturity :	Complete
Homepage :	http://ee-staff.ethz.ch/~oetiker/webtools/mrtg/
License :	GPL
Similar products :	
Short description :	
Tool to monitor the traffic load of network-links.	
Long description :	
The Multi Router Traffic Grapher (MRTG) is a tool to monitor the traffic load on network-links. MRTG generates HTML pages containing GIF images which provide a LIVE visual representation of this traffic. Check http://www.ee.ethz.ch/stats/mrtg/ for an example. MRTG is based on Perl and C and works under UNIX and Windows NT. MRTG is being successfully used on many sites around the net.	
Features :	
<ul style="list-style-type: none"> - Reliable Router Interface Identification - Constant size Logfiles - Automatic Configuration - Performant (time critical routines are written in C) - GIF free Graphics - Graphics are generated directly in PNG format - Customizability - The look of the webpages produced by MRTG is highly configurable. 	
Platforms :	
<ul style="list-style-type: none"> - Unix - Windows NT 	
Interoperability :	
Groups / support :	
http://ee-staff.ethz.ch/~oetiker/webtools/mrtg/users.html	
Provider / main author :	
Tobias Oetiker < oetiker@ee.ethz.ch > and Dave Rand < dlr@bungj.com >	
Training possibilities :	
Comments :	



Category :	Administration-Security
Target user .	System Administrator
Name :	AIDE
Version number :	0.7
Maturity :	Usable
Homepage :	http://www.cs.tut.fi/~rammer/aide.html
License :	GPL
Similar products :	Tripwire (http://www.tripwiresecurity.com/).
Short description :	Advanced Intrusion Detection Environment. Free replacement for Tripwire(tm). It does the same things are Tripwire(tm) and more.
Long description :	<p>AIDE (Advanced intrusion detection environment) is an intrusion detection program. More specifically a file integrity checker.</p> <p>AIDE constructs a database of the files specified in aide.conf, aide's configuration file. The AIDE database stores various file attributes including: permissions, inode number, user, group, file size, mtime and ctime, atime, growing size and number of links. AIDE also creates a cryptographic checksum or hash of each file using one or a combination of the following message digest algorithms: sha1, md5, rmd160, tiger (rmd128, crc32, hval, gost and snefru can be compiled in if mhash support is available).</p> <p>Typically, a system administrator will create an AIDE database on a new system before it is brought onto the network. This first AIDE database is a snapshot of the system in it's normal state and the yardstick by which all subsequent updates and changes will be measured. The database should contain information about key system binaries, libraries, header files, all files that are expected to remain the same over time. The database probably should not contain information about files which change frequently like log files, mail spools, proc filesystems, user's home directories, or temporary directories.</p> <p>After a break-in, an administrator may begin examining the system using system tools like ls, ps, netstat, and who --- the very tools most likely to be trojaned. Imagine that ls has been doctored to not show any file named "sniffedpackets.log" and that ps and netstat have been rewritten to not show any information for a process named "sniffdaemon". Even an administrator who had previously printed out on paper the dates and sizes of these key system files can not be certain by comparison that they have not been modified in some way. File dates and sizes can be manipulated, some better root-kits make this trivial.</p> <p>While it is possible to manipulate file dates and sizes, it is much more difficult to manipulate a single cryptographic checksum like md5, and exponentially more difficult to manipulate each of the entire handfull of checksums that AIDE supports. By rerunning AIDE after a break-in, a system administrator can quickly identify changes to key files and have a fairly high degree of confidence as to the accuracy of these findings</p>
Features :	See long description.
Platforms :	<ul style="list-style-type: none"> - Solaris 2.5.1,2.6,7 - Linux 2.2.x,2.0.x - FreeBSD 2.2.8,3.4 - Unixware 7.0.1 - BSDi 4.1 - OpenBSD 2.6 - AIX 4.2 - TRU64 4.0x
Interoperability :	



Groups / support :

Mailinglist : <http://www.cs.tut.fi/~rammer/aide.html>

Provider / main author :

- Rami Lehti(me), rammer@cs.tut.fi
- Pablo Virolainen, pablo@cs.tut.fi

Training possibilities :

Comments :



Category :	Administration-Security
Target user .	System Administrator
Name :	Satan
Version number :	1.1.4
Maturity :	Complete
Homepage :	http://www.porcupine.org/satan/
License :	GPL
Similar products :	
Short description :	
SATAN is a tool to help systems administrators. It recognizes several common networking-related security problems, and reports the problems without actually exploiting them.	
Long description :	
SATAN is the Security Analysis Tool for Auditing Networks. In its simplest (and default) mode, it gathers as much information about remote hosts and networks as possible by examining such network services as finger, NFS, NIS, ftp and tftp, rexd, and other services. The information gathered includes the presence of various network information services as well as potential security flaws -- usually in the form of incorrectly setup or configured network services, well-known bugs in system or network utilities, or poor or ignorant policy decisions. It can then either report on this data or use a simple rule-based system to investigate any potential security problems. Users can then examine, query, and analyze the output with an HTML browser, such as Mosaic, Netscape, or Lynx. While the program is primarily geared towards analyzing the security implications of the results, a great deal of general network information can be gained when using the tool - network topology, network services running, types of hardware and software being used on the network, etc.	
Features :	
Platforms :	
Unix systems.	
Interoperability :	
Groups / support :	
Provider / main author :	
- Dan Farmer : satan@fish.com - Wietse Venema : satan@fish.com	
Training possibilities :	
Comments :	



Category :	Communication-Conferencing
Target user .	System Administrator
Name :	Gnucomm
Version number :	0.1
Maturity :	Pre-version
Homepage :	http://www.gnu.org/software/gnucomm/gnucomm.html
License :	GPL
Similar products :	
Short description :	
Free software telecommunication servers and client project.	
Long description :	
<p>The GNUCOMM project will provide the standards-based free software necessary to enable the switching and transception of multimedia streams for use in telecommunications applications such as voicemail and video conferencing. The goal is not just to provide a replacement for proprietary telecommunications servers and clients. The goal is to provide better solutions to common telecommunications problems.</p> <p>At a high-level, examples of the functionality that GNUCOMM will be capable of include:</p> <ul style="list-style-type: none"> - Voice Response applications, i.e. menus, screen pop, transactions, etc. - Messaging, i.e. Voicemail, Paging, SMS, etc. - Switching and Routing of converged voice/data services. - Conferencing, including video conferencing and directory lookup. <p>On a slightly lower level, the applications that handle these multimedia streams will carry out a number of tasks: messaging, switching, bridging, notification, interactive response, discovery, and conferencing. These tasks will be enabled by a set of cooperating processes.</p> <p>In support of the GNUCOMM applications, a number of protocol stacks and conversion engines will be required. Commodity protocols and data formats will be the focus of development.</p>	
Features :	
See desc.	
Platforms :	
GNUCOMM will interoperate with the rest of the GNU System.	
Interoperability :	
Groups / support :	
help-gnucomm is the users mailing list: < help-gnucomm@gnu.org >. Subscribe to this list by sending the word "subscribe" in the body of an otherwise empty message to < help-gnucomm-request@gnu.org >.	
Provider / main author :	
The GNU Project Project coordinator : rsb@ostel.com	
Training possibilities :	
Comments :	



Category :	Communication-Fax
Target user .	End User
Name :	HylaFAX
Version number :	4.1
Maturity :	Very mature
Homepage :	http://www.hylafax.org/
License :	NON-GPL
Similar products :	
Short description :	
HylaFAX is used for sending and receiving facsimiles as well as for sending alpha-numeric pages.	
Long description :	
<p>HylaFAX is a facsimile system for UNIX systems. It supports:</p> <ul style="list-style-type: none"> - sending facsimile - receiving facsimile - polled retrieval of facsimile - transparent shared data use of the modem - sending messages to pagers <p>Facsimile can be any size (e.g. A4, B4), either 98 or 196 lpi, and transmitted/received as either 1D-encoded or 2D-encoded facsimile data (2D-encoded data is frequently more compact and hence takes a shorter time to communicate). Any modem that supports one of the standard interfaces for facsimile operation can be used; i.e. any Class 1, Class 2, or Class 2.0 modem.</p>	
Features :	
See desc.	
Platforms :	
Interoperability :	
Groups / support :	
<ul style="list-style-type: none"> - http://www.hylafax.org/troubleshooting.html - Mailing lists : http://www.hylafax.org/mailling-lists.html 	
Provider / main author :	
Silicon Graphics, Inc.	
Training possibilities :	
Comments :	
<p>Silicon Graphics has seen fit to allow the author to give this work away. It is free. There is no support or guarantee of any sort as to its operations, correctness, or whatever. If it is used to do anything useful with all or parts of it, the copyright notice which basically says ``you can't use the name or Silicon Graphics' name without our written permission'', has to be honored. HylaFAX is a trademark of Silicon Graphics, Inc.</p>	



Category :	Communication-Phone
Target user .	End User
Name :	Bayonne
Version number :	0.5.14
Maturity :	Usable
Homepage :	http://bayonne.sourceforge.net/home.shtml
License :	GPL
Similar products :	
Short description :	
Multi-line voice telephony server.	
Long description :	
<p>Bayonne, the telecommunications application server of the GNU project, will offer a free, scalable, media independent software environment for development and deployment of telephony solutions for use with current and next generation telephone networks. Bayonne already offers a fully distributed application server for use today with multi-line telephony cards from many vendors under free operating systems.</p>	
Features :	
<p>To speed development and simplify deployment of custom applications, Bayonne offers it's own native script interpreter which may be directly extended thru modular DSO plugins and TGI based applications. TGI, "Telephony Gateway Interface", allows Bayonne to be easily integrated with other system resources, such as web servers, databases, and other application servers using standard and familiar tools that are well understood such as Perl, tcl, and Python.</p> <p>Bayonne can be used today most completely under GNU/Linux with an ever wider selection of telephony hardware. Bayonne has also been built under, and can be used with, FreeBSD and the new Voicetronix API. Bayonne is highly portable and will compile under most multi-threaded POSIX operating systems, including Solaris and Unixware. As Bayonne's telephony hardware and next generation media support broadens, support for functional deployment under operating systems beyond GNU/Linux will continue to increase.</p>	
Platforms :	
<ul style="list-style-type: none"> - Linux - FreeBSD 	
Interoperability :	
Groups / support :	
<p>Commercial support : (http://www.ostel.com/, http://www.teklab.com/) Mailing list : bayonne-devel-request@lists.sourceforge.net (see http://bayonne.sourceforge.net/faq.shtml)</p>	
Provider / main author :	
Training possibilities :	
Comments :	



Category :	Development tools-Java
Target user .	Developer
Name :	Kaffe
Version number :	1.0.6
Maturity :	Usable
Homepage :	http://www.kaffe.org
License :	GPL
Similar products :	Sun Java compiler
Short description :	Kaffe is a cleanroom, open source implementation of a Java virtual machine and class libraries.
Long description :	Like Sun's Java, but Open Source
Features :	
Platforms :	- Unix - Windows
Interoperability :	Kaffe mostly complies with JDK 1.1, except for a few missing parts. Parts of it are already JDK 1.2 (Java 2) compatible.
Groups / support :	http://www.transvirtual.com/techsupport.htm
Provider / main author :	Transvirtual (www.transvirtual.com)
Training possibilities :	
Comments :	To be independent from SUN...



Category :	Development tools-Languages
Target user .	Developer
Name :	FreePascal
Version number :	1.0.4
Maturity :	Complete
Homepage :	http://www.freepascal.org/
License :	GPL
Similar products :	Borland Turbo Pascal
Short description :	Free software implementation of the Pascal language.
Long description :	Free Pascal (aka FPK Pascal) is a 32 bit pascal compiler. It is available for different processors (i386+ and 680x0) and operating systems (Linux, DOS, Win32, OS/2, AmigaOS).
Features :	
Platforms :	- DOS - Linux
Interoperability :	The language syntax is semantically compatible with TP 7.0, some extensions used by Delphi (classes, rtti, exceptions, ansistrings) are also supported. Furthermore Free Pascal supports function overloading and other such features.
Groups / support :	http://community.freepascal.org:10000/
Provider / main author :	http://www.freepascal.org
Training possibilities :	
Comments :	



Category :	Development tools-Languages
Target user .	Developer
Name :	GCC
Version number :	2.95.2
Maturity :	Very mature
Homepage :	http://www.gnu.org/software/gcc/gcc.html
License :	GPL
Similar products :	
Short description :	
Free compiler collection for C, C++, Fortran, Objective C and other languages.	
Long description :	
GCC development is a part of the GNU Project, aiming to improve the compiler used in the GNU system including the GNU/Linux variant. The GCC development effort uses an open development environment and supports many other platforms in order to foster a world-class optimizing compiler, to attract a larger team of developers, to ensure that GCC and the GNU system work on multiple architectures and diverse environments, and to more thoroughly test and extend the features of GCC.	
Features :	
See desc.	
Platforms :	
- Unix systems - Windows	
Interoperability :	
Groups / support :	
http://www.gnu.org/software/gcc/lists.html	
Provider / main author :	
Egcs steering committee. (http://www.gnu.org/software/gcc/gcc.html) for the The GNU Project	
Training possibilities :	
Comments :	



Category :	Development tools-Languages
Target user .	Developer
Name :	gforth
Version number :	0.4.0
Maturity :	Usable
Homepage :	http://www.gnu.org/software/gforth/gforth.html
License :	GPL
Similar products :	
Short description :	
Fast, portable implementation of the ANS Forth language.	
Long description :	
Gforth is a fast and portable implementation of the ANSI Forth language. It works nicely with the Emacs editor, offers some nice features such as input completion and history and a powerful locals facility, and it even has (the beginnings of) a manual. Gforth employs traditional implementation techniques: its inner interpreter is indirect or direct threaded.	
Features :	
Platforms :	
Interoperability :	
Groups / support :	
Newsgroup: gnu.utils.help	
Provider / main author :	
The GNU Project	
Training possibilities :	
Comments :	



Category :	Development tools-Languages
Target user .	Developer
Name :	GNU-Smalltalk
Version number :	1.8.1
Maturity :	Very mature
Homepage :	http://www.smalltalk.org/index.html
License :	GPL
Similar products :	
Short description :	
GNU implementation of the Smalltalk-80 language.	
Long description :	
Features :	
Platforms :	
Runs on most versions of Unix or Unix like systems.	
Interoperability :	
Groups / support :	
Newsgroup : http://www.smalltalk.org/newsgroups.html User groups : http://www.smalltalk.org/usergroups.html	
Provider / main author :	
Training possibilities :	
Comments :	



Category :	Development tools-Languages
Target user .	Developer
Name :	Perl
Version number :	5.6.0
Maturity :	Very mature
Homepage :	http://www.perl.com/pub
License :	Artistic
Similar products :	
Short description :	
Perl is an interpreted high-level programming language.	
Long description :	
Perl has become the premier scripting language of the Web, as most CGI programs are written in Perl. However, Perl is widely used as a rapid prototyping language and a "glue" language that makes it possible for different systems to work well together. Perl is popular with system administrators who use it for an infinite number of automation tasks.	
Features :	
See desc.	
Platforms :	
<ul style="list-style-type: none"> - Unix - Windows - MacIntosh 	
Interoperability :	
Groups / support :	
<ul style="list-style-type: none"> - A list of newsgroups can be find on : http://www.perl.com/reference/query.cgi?section=newsgroups&x=16&y=13 - "The Perl Clinic" (http://www.perl.com/pub/p/The_Perl_Clinic) provides commercial support in the U.S. and in Europe. 	
Provider / main author :	
The Perl core development team is known as the Perl Porters.	
Training possibilities :	
Commercial offers : http://www.perl.com/pub/q/consult	
Comments :	



Category :	Development tools-Languages
Target user .	Developer
Name :	PHP
Version number :	4.0.4
Maturity :	Very mature
Homepage :	http://www.php.net
License :	PHP
Similar products :	MS-Active Server Pages
Short description :	PHP is a server-side, cross-platform, HTML embedded scripting language.
Long description :	PHP is an HTML-embedded scripting language. Much of its syntax is borrowed from C, Java and Perl with a couple of unique PHP-specific features thrown in. The goal of the language is to allow web developers to write dynamically generated pages quickly.
Features :	At the most basic level, PHP can do anything any other CGI program can do, such as collect form data, generate dynamic page content, or send and receive cookies. Perhaps the strongest and most significant feature in PHP is its support for a wide range of databases. Writing a database-enabled web page is incredibly simple. PHP also has support for talking to other services using protocols such as IMAP, SNMP, NNTP, POP3, HTTP and others. It is also possible to open raw network sockets and interact using other protocols.
Platforms :	- Unix - Windows - Macintosh
Interoperability :	
Groups / support :	http://www.php.net/support.php
Provider / main author :	The PHP Group
Training possibilities :	
Comments :	



Category :	Development tools-Languages
Target user .	Developer
Name :	Python
Version number :	2.1
Maturity :	Very mature
Homepage :	http://www.python.org/
License :	Python
Similar products :	
Short description :	
Interpreted, interactive, object-oriented programming language.	
Long description :	
Python is an interpreted, object-oriented, high-level programming language with dynamic semantics. Its high-level built in data structures, combined with dynamic typing and dynamic binding, make it very attractive for Rapid Application Development, as well as for use as a scripting or glue language to connect existing components together. Python's simple, easy to learn syntax emphasizes readability and therefore reduces the cost of program maintenance. Python supports modules and packages, which encourages program modularity and code reuse.	
Features :	
Platforms :	
Interoperability :	
Groups / support :	
<ul style="list-style-type: none"> - Community support information : http://www.python.org/psa/MailingLists.html - Commercial support is offered by ActiveState (http://www.activestate.com/Support/index.html) 	
Provider / main author :	
Guido Van Rossum : guido@python.org	
Training possibilities :	
Comments :	



Category :	Development tools-Languages
Target user .	Developer
Name :	SmallEiffel
Version number :	0.76
Maturity :	Usable
Homepage :	http://www.loria.fr/projets/SmallEiffel/
License :	GPL
Similar products :	
Short description :	
Complete, small, very fast Eiffel compiler.	
Long description :	
<p>SmallEiffel The GNU Eiffel Compiler is a free open-source Eiffel compiler distributed under the terms of the GNU General Public License as published by the Free Software Foundation. It is a complete, small and very fast, free Eiffel compiler.</p> <p>It is available for a very wide range of platforms. In fact, SmallEiffel should run on any platform for which an ANSI C - POSIX compiler or a standard JVM exists.</p> <p>Eiffel is an advanced object-oriented programming language that emphasizes the design and construction of high-quality and reusable software.</p>	
Features :	
Platforms :	
Any platform for which an ANSI C - POSIX compiler or a standard JVM.	
Interoperability :	
Groups / support :	
<ul style="list-style-type: none"> - Mailing lists : http://smalleiffel.loria.fr/support/mailling-list.html - Commercial support and training is offered by The SmallEiffel Group (colnet@loria.fr) 	
Provider / main author :	
The SmallEiffel Group (colnet@loria.fr)	
Training possibilities :	
See support.	
Comments :	



Category :	Development tools-Libraries
Target user .	Developer
Name :	C Library
Version number :	2.2.1
Maturity :	Very mature
Homepage :	http://www.gnu.org/software/libc/libc.html
License :	GPL
Similar products :	
Short description :	The GNU C library is used as the C library in the GNU system and most newer systems with the Linux kernel.



Long description :

Any Unix-like operating system needs a C library: the library which defines the "system calls" and other basic facilities such as malloc.

The GNU C library is used as the C library in the GNU system and most newer systems with the Linux kernel.

The history of Unix and various standards determine much of the interface of the C library. In general the GNU C library supports the ISO C and POSIX standards. We also try to support the features of popular Unix variants (including BSD and System V) when those do not conflict with the standards. Different compatibility modes (selectable when you compile an application) allow the peaceful coexistence of compatibility support for different varieties of Unix.

Today the GNU C library should be almost complete: nearly all known and useful functions from any other C library are available. However, there is still room for improvement. If you would like to add or improve features in the GNU C library, please look through the list of open tasks, then coordinate your work with the maintainers <bug-glibc@gnu.org>.

The GNU C library is designed to be portable. Although the library sources are very complex, you can build it for any supported system with the simple commands `configure & make`---provided your platform is supported!

Some functions are not yet documented in the GNU C library manual. It would be very helpful if you could spend a bit of your time on writing the missing parts. Please coordinate your work with the maintainers <bug-glibc@gnu.org>.

We also have a page describing the compliance with various standards. This list also shows where GNU libc needs to be improved.

For more information on porting and the status of ports for Version 2, see Porting the GNU C Library. If you are interested in porting GNU libc to additional system types, please contact the maintainers <bug-glibc@gnu.org>.

If you are working on developing or porting GNU libc, you should consider joining the developers mailing list. To join, e-mail to the list keeper <libc-hacker-request@gnu.org>. Please do not send a request if you only want to lurk. If you are only interested in announcements of new test releases, write to the announcement list keeper <libc-alpha-request@gnu.org>.

Current Status of the GNU C library

The current version is 2.2. The new major version number reflects major changes, several years of work. 1.09.1 was a static library in the style of the 80s; the new version implements the state of the art in C library technology. It follows even the most recent standards (ISO C/amendment 1, POSIX.1c, XPG4.2). It is also internationalized, although it is still missing a few functions needed for the most complete internationalization interface known.

See the NEWS file for more information.

Version 2.0 is built as a shared library---in fact, multiple shared libraries. Several parts of the library are separated out and are dynamically linked into the process when needed.

Please read the announcement for more information about the GNU libc. If you use GNU's libc on a Linux/GNU system, please read the extended announcement.

There is now a FAQ written by Eric Green thrytis@imaxx.net available.

Availability

Current test releases are available. In the same directory there are several additional package which can be used with the GNU libc. These are distributed separately either because of legal problems (such as the export restriction of cryptographic software) or because they are maintained by people outside the GNU libc developers group.

Features :

See desc.

Platforms :

Version 2 currently supports only GNU systems --- both Hurd-based and Linux-based GNU systems.



Interoperability :

Groups / support :

Provider / main author :

The GNU Project

Training possibilities :

Comments :



Category :	Development tools-Libraries
Target user .	Developer
Name :	GTK+
Version number :	1.2
Maturity :	Complete
Homepage :	http://www.gtk.org/
License :	LGPL
Similar products :	Motif
Short description :	GUI toolkit for the X Window System.
Long description :	<p>GTK+ is a small and efficient widget set designed with the general look and feel of Motif. In reality, it looks much better than Motif. It contains common widgets and some more complex widgets such as a file selection, and color selection widgets.</p> <p>GTK+ provides some unique features. For example, a button does not contain a label, it contains a child widget, which in most instances will be a label. However, the child widget can also be a pixmap, image or any combination possible the programmer desires. This flexibility is adhered to throughout the library.</p>
Features :	See desc.
Platforms :	Unix platform with X-Window
Interoperability :	
Groups / support :	http://www.gtk.org/maillinglists.html
Provider / main author :	<p>The original authors of GTK+ were :</p> <ul style="list-style-type: none"> - Peter Mattis - Spencer Kimball - Josh MacDonald <p>Since then, much has been added by others.</p>
Training possibilities :	
Comments :	



Category :	Development tools-Libraries
Target user .	Developer
Name :	Mesa
Version number :	3.4
Maturity :	Complete
Homepage :	http://www.mesa3d.org/
License :	LGPL
Similar products :	SGI OpenGL
Short description :	Free implementation of OpenGL.
Long description :	<p>Mesa is a 3-D graphics library with an API which is very similar to that of OpenGL. To the extent that Mesa utilizes the OpenGL command syntax or state machine, it is being used with authorization from Silicon Graphics, Inc(SGI). However, the author does not possess an OpenGL license from SGI, and makes no claim that Mesa is in any way a compatible replacement for OpenGL or associated with SGI. While Mesa is not a licensed OpenGL implementation, it is currently being tested with the OpenGL conformance tests.</p> <p>Despite these technical/legal terms, you may find Mesa to be a valid alternative to OpenGL. Most applications written for OpenGL can use Mesa instead without changing the source code.</p>
Features :	See desc.
Platforms :	Mesa was originally designed for Unix/X11 systems and is still best supported on those systems. All you need is an ANSI C compiler and the X development environment to use Mesa. Others have contributed drivers for the Amiga, Apple Macintosh, BeOS, NeXT, OS/2, MS-DOS, VMS, Windows 9x/NT, and Direct3D.
Interoperability :	Highly compatible with the SGI OpenGL 3D application programming interface.
Groups / support :	http://www.mesa3d.org/doc.html
Provider / main author :	Brian Paul (brian@mesa3d.org)
Training possibilities :	
Comments :	



Category :	Development tools-Libraries
Target user .	End User
Name :	Open Motif
Version number :	2.1.30
Maturity :	Very mature
Homepage :	http://www.opennc.org/openmotif/
License :	OGPL
Similar products :	
Short description :	
Motif is the leading user interface for the UNIX® based operating system.	
Long description :	
<p>Motif® is the industry standard graphical user interface, (as defined by the IEEE 1295 specification), used on more than 200 hardware and software platforms. It provides application developers, end users, and system vendors with the industry's most widely used environment for standardizing application presentation on a wide range of platforms.</p> <p>Aside from some different copyright and license statements, both Motif and Open Motif share the same functionality and source code. The primary difference is the software license for each of the software products. Open Motif source code and binaries can be distributed royalty free under The Open Group Public License as long as the operating system upon which Open Motif is running meets the OSI's Open Source Definition. Motif is made available under the standard Open Group software licenses and requires the payment of source code and royalty fees.</p>	
Features :	
See desc.	
Platforms :	
Unix with graphical interface	
Interoperability :	
Is absolutely similar to the commercial version of Motif.	
Groups / support :	
http://www.opennc.org/openmotif/mail.html	
Provider / main author :	
The Open Group	
Training possibilities :	
Since the usage of Motif is widespread, there exist a lot of possibilities of receiving training from third-party companies.	
Comments :	



Category :	Development tools-Libraries
Target user .	Developer
Name :	QT
Version number :	2.2.4
Maturity :	Complete
Homepage :	http://www.trolltech.com/products/index.html
License :	QPL
Similar products :	X11
Short description :	C++ object oriented toolkit, used to create GUI applications
Long description :	Qt simplifies the task of writing and maintaining GUI (graphical user interface) applications. Qt is written in C++ and is fully object-oriented. Qt is the basis of the KDE desktop environment on Linux.
Features :	Object orientation, Component support, Online documentation, 250 API (in C++), Collection of Templates and Themes
Platforms :	MS Windows 95/98/2000, NT Linux Solaris HP-UX Digital UNIX (OSF/1, Tru64) Irix FreeBSD BSD/OS SCO AIX
Interoperability :	Multiple platform GUI toolkit
Groups / support :	KDE Free Qt Foundation http://www.trolltech.com/company/announce/foundation.html
Provider / main author :	TrollTech
Training possibilities :	
Comments :	Qt Free Edition (version 2.2 and later) is released under the Open Source license QPL, and GPL. The Qt Free Edition may be freely copied and distributed, put on ftp-sites and CD-ROMs etc. Qt Free Edition is provided with no warranty and no support.



Category :	Development tools-Libraries
Target user .	Developer
Name :	Quanta+
Version number :	2.0
Maturity :	Complete
Homepage :	http://quanta.sourceforge.net/
License :	GPL
Similar products :	MS-Frontpage
Short description :	Quanta Plus is an HTML editor.
Long description :	Quanta Plus is a web development tool for the K Desktop Environment. Quanta is designed for quick web development and is rapidly becoming a mature editor with a number of great features.
Features :	<ul style="list-style-type: none"> - Fast tag insertion - Project management with Ftp - Context tag reference documentation - Context tag editing and internal preview.
Platforms :	- Unix running KDE
Interoperability :	
Groups / support :	
Provider / main author :	Alexander Yakovlev Dmitry Poplavsky Eric Laffoon
Training possibilities :	
Comments :	



Category :	Development tools-Libraries
Target user .	Developer
Name :	wxWindows
Version number :	2.2.5
Maturity :	Complete
Homepage :	http://www.wxwindows.org/
License :	NON-GPL
Similar products :	Qt
Short description :	cross-platform GUI development framework.
Long description :	wxWindows provides API for writing C++ GUI applications on multiple platforms. wxWindows links with the appropriate library for your platform (Windows/Unix/Mac) and compiler (almost any popular C++ compiler), and your application will adopt the look and feel appropriate to that platform. On top of GUI functionality, wxWindows gives online help, network programming, streams, clipboard and drag and drop, multithreading, image loading and saving in a variety of popular formats, database support, HTML viewing and printing.
Features :	Basic GUI classes, Event handling, Device drawing context, Printing preview, Bitmap support, On-line help, debugging, ODBC support,
Platforms :	Windows 3.1, 95/98, NT; Linux; Unix with GTK+ or Motif or Lesstif; Mac
Interoperability :	
Groups / support :	No official support, but a mailing list
Provider / main author :	
Training possibilities :	
Comments :	License is essentially a LGPL (Library General Public Licence), with an exception stating that derived works in binary form may be distributed on the user's own terms.



Category :	Development tools-Tools
Target user .	Developer
Name :	Bison
Version number :	1.25
Maturity :	Very mature
Homepage :	http://www.gnu.org/software/bison/bison.html
License :	GPL
Similar products :	Yacc
Short description :	General-purpose parser generator.
Long description :	<p>Bison is a general-purpose parser generator that converts a grammar description for an LALR context-free grammar into a C program to parse that grammar. Once you are proficient with Bison, you can use it to develop a wide range of language parsers, from those used in simple desk calculators to complex programming languages.</p> <p>In order for Bison to parse a language, it must be described by a context-free grammar. This means that you specify one or more syntactic groupings and give rules for constructing them from their parts. For example, in the C language, one kind of grouping is called an `expression'. One rule for making an expression might be, "An expression can be made of a minus sign and another expression". Another would be, "An expression can be an integer". As you can see, rules are often recursive, but there must be at least one rule which leads out of the recursion.</p>
Features :	See desc.
Platforms :	
Interoperability :	Bison is upward compatible with Yacc which is a commercial parser generator.
Groups / support :	Newsgroup: gnu.utils.help
Provider / main author :	The GNU Project
Training possibilities :	
Comments :	



Category :	Development tools-Tools
Target user .	Developer
Name :	CVS
Version number :	1.11
Maturity :	Very mature
Homepage :	http://www.cvshome.org/
License :	GPL
Similar products :	MS-Visual SourceSafe
Short description :	A version control system keeps a history of the changes made to a set of files.
Long description :	<p>CVS maintains a history of a source tree, in terms of a series of changes. It stamps each change with the time it was made and the user name of the person who made it. Usually, the person provides a bit of text describing why they made the change as well. Given that information, CVS can help developers answer questions like:</p> <ul style="list-style-type: none"> - Who made a given change? - When did they make it? - Why did they make it? - What other changes did they make at the same time?
Features :	<ul style="list-style-type: none"> - Its client-server access method lets developers access the latest code from anywhere there's an Internet connection. - Its unreserved check-out model to version control avoids artificial conflicts common with the exclusive check-out model. - Its client tools are available on most platforms
Platforms :	Almost every OS.
Interoperability :	
Groups / support :	http://www.cvshome.org/communication.html
Provider / main author :	
Training possibilities :	
Comments :	CVS is used by popular open-source projects like Mozilla, the GIMP, XEmacs, KDE, and GNOME.



Category :	Development tools-Tools
Target user .	Developer
Name :	DDD
Version number :	3.3
Maturity :	Very mature
Homepage :	http://www.gnu.org/software/ddd/
License :	GPL
Similar products :	
Short description :	
DDD is a graphical front-end for GDB and other command-line debuggers.	
Long description :	
GNU DDD is a graphical front-end for command-line debuggers such as GDB, DBX, WDB, Ladebug, JDB, XDB, the Perl debugger, or the Python debugger. Besides ``usual" front-end features such as viewing source texts, DDD has become famous through its interactive graphical data display, where data structures are displayed as graphs.	
Features :	
<p>DDD can do four main kinds of things (plus other things in support of these) to help you catch bugs in the act:</p> <ul style="list-style-type: none"> - Start your program, specifying anything that might affect its behavior. - Make your program stop on specified conditions. - Examine what has happened, when your program has stopped. - Change things in your program, so you can experiment with correcting the effects of one bug and go on to learn about another. 	
Platforms :	
Unix systems with graphical interface.	
Interoperability :	
Groups / support :	
http://mail.gnu.org/mailman/listinfo/ddd	
Provider / main author :	
Andreas Zeller : zeller@gnu.org The GNU Project	
Training possibilities :	
Comments :	



Category :	Development tools-Tools
Target user .	Developer
Name :	gdb
Version number :	4.17
Maturity :	Very mature
Homepage :	http://www.gnu.org/software/gdb/gdb.html
License :	GPL
Similar products :	
Short description :	
Source-level debugger for C, C++ and Fortran.	
Long description :	
<p>The purpose of a debugger such as GDB is to allow you to see what is going on `inside' another program while it executes--or what another program was doing at the moment it crashed.</p> <p>GDB can do four main kinds of things (plus other things in support of these) to help you catch bugs in the act:</p> <ul style="list-style-type: none"> - Start your program, specifying anything that might affect its behavior. - Make your program stop on specified conditions. - Examine what has happened, when your program has stopped. - Change things in your program, so you can experiment with correcting the effects of one bug and go on to learn about another. 	
Features :	
See desc.	
Platforms :	
<ul style="list-style-type: none"> - Unix systems - Windows 	
Interoperability :	
Groups / support :	
Newsgroup: gnu.utils.help	
Provider / main author :	
The GNU Project	
Training possibilities :	
Comments :	



Category :	Development tools-Tools
Target user .	Developer
Name :	Kdevelop
Version number :	1.4
Maturity :	Complete
Homepage :	http://www.kdevelop.org
License :	GPL
Similar products :	Visual C++
Short description :	The KDevelop-Project was raised to build up an easy to use C/C++ IDE (Integrated Development Enviroment) for Unix.
Long description :	
Features :	<ul style="list-style-type: none"> - Project Management - Dialog Editor - Integrated Debugger - Graphical Class Viewer - Application Wizard - Integrated Editor - Integrated Unix tools for development - Integrated Documentation Browser - Powerful Help System - Class Generator
Platforms :	<ul style="list-style-type: none"> - Linux - Solaris - IRIX - HP-UX
Interoperability :	
Groups / support :	Mailing list : http://www.kdevelop.org/index.html?filename=mailinglist.html
Provider / main author :	The KDevelop-Project
Training possibilities :	
Comments :	



Category :	Development tools-Tools
Target user .	Developer
Name :	make
Version number :	
Maturity :	Very mature
Homepage :	http://www.gnu.org/software/make/make.html
License :	GPL
Similar products :	
Short description :	
Source coed project manager that automatically determines which pieces of a large program need to be recompiled, and issues commands to recompile them.	
Long description :	
<p>Make is a tool which controls the generation of executables and other non-source files of a program from the program's source files.</p> <p>Make gets its knowledge of how to build your program from a file called the makefile, which lists each of the non-source files and how to compute it from other files. When you write a program, you should write a makefile for it, so that it is possible to use Make to build and install the program.</p>	
Features :	
<ul style="list-style-type: none"> - Make enables the end user to build and install your package without knowing the details of how that is done -- because these details are recorded in the makefile that you supply. - Make figures out automatically which files it needs to update, based on which source files have changed. It also automatically determines the proper order for updating files, in case one non-source file depends on another non-source file. As a result, if you change a few source files and then run Make, it does not need to recompile all of your program. It updates only those non-source files that depend directly or indirectly on the source files that you changed. - Make is not limited to any particular language. For each non-source file in the program, the makefile specifies the shell commands to compute it. These shell commands can run a compiler to produce an object file, the linker to produce an executable, ar to update a library, or TeX or Makeinfo to format documentation. - Make is not limited to building a package. You can also use Make to control installing or deinstalling a package, generate tags tables for it, or anything else you want to do often enough to make it worth while writing down how to do it. 	
Platforms :	
Unix	
Interoperability :	
Groups / support :	
Newsgroup: gnu.utils.help	
Provider / main author :	
Training possibilities :	
Comments :	



Category :	Development tools-Tools
Target user .	Developer
Name :	RCS
Version number :	5.7
Maturity :	Very mature
Homepage :	http://www.gnu.org/software/rcs/rcs.html
License :	GPL
Similar products :	MS-Visual Source Safe
Short description :	RCS is used for version control and management of software projects.
Long description :	The Revision Control System (RCS) manages multiple revisions of files. RCS automates the storing, retrieval, logging, identification, and merging of revisions. RCS is useful for text that is revised frequently, e.g., programs, documentation, graphics, papers, and form letters.
Features :	See desc.
Platforms :	Unix Systems.
Interoperability :	
Groups / support :	Newsgroup: gnu.utils.help
Provider / main author :	The GNU Project
Training possibilities :	
Comments :	



Category :	Graphics-Image Manipulation
Target user .	End User
Name :	GIMP
Version number :	1.2
Maturity :	Complete
Homepage :	http://www.gimp.org/
License :	GPL
Similar products :	Adobe Photoshop, Jasc PaintShop Pro
Short description :	GNU Image Manipulation Program. Application of the same level as Photoshop.
Long description :	The GIMP is the GNU Image Manipulation Program. It is a freely distributed piece of software suitable for such tasks as photo retouching, image composition and image authoring.
Features :	<ul style="list-style-type: none"> - Full suite of painting tools including Brush, Pencil, Airbrush, Clone, etc. - Tile based memory management so image size is limited only by available disk space. - Sub-pixel sampling for all paint tools for high quality anti-aliasing - Full alpha channel support - Layers and channels - A Procedural Database for calling internal GIMP functions from external programs as in Script-fu - Advanced scripting capabilities - Multiple Undo/Redo (limited only by disk space) - Virtually unlimited number of images open at one time - Extremely powerful gradient editor and blend tool. - Load and save animations in a convenient frame-as-layer format. - Transformation tools including rotate, scale, shear and flip. - File formats supported include gif, jpg, png, xpm, tiff, tga, mpeg, ps, pdf, pcx, bmp, and many others. - Load, display, convert, save to many file formats. - Selection tools including rectangle, ellipse, free, fuzzy, bezier and intelligent. - Plug-ins which allow for the easy addition of new file formats and new effect filters. - Over 100 plugins already available. - Supports custom brushes and patterns
Platforms :	Unix systems with graphical interfaces.
Interoperability :	
Groups / support :	http://www.gimp.org/mailling_list.html
Provider / main author :	The GIMP was written by Peter Mattis and Spencer Kimball. Many, many other developers have contributed plugins. And thousands have provided support and testing.
Training possibilities :	
Comments :	



Category :	Graphics-Image Manipulation
Target user .	Developer
Name :	Sketch
Version number :	0.6.8
Maturity :	Usable
Homepage :	http://sketch.sourceforge.net/
License :	LGPL
Similar products :	CorelDraw, Adobe Illustrator.
Short description :	Sketch is a vector drawing program similar to CorelDraw or Adobe Illustrator.
Long description :	Sketch is an interactive vector drawing program for Linux and other UNIX compatible systems. Sketch is implemented almost completely in Python, a very high-level, object oriented, interpreted language, with the rest written in C for speed
Features :	<ul style="list-style-type: none"> - Bézier Curves - Transformed text and images - Bézier curves, rectangles and ellipses can be used as guides - Gradient fills - Blend groups - Writes EPS files - Text along a path
Platforms :	<ul style="list-style-type: none"> - Linux on i386, Alpha, m68k, PowerPC and Sparc - FreeBSD - Solaris 2.5.1, 2.6, 2.7 - IRIX64 6.4 - AIX
Interoperability :	
Groups / support :	Mailing lists : http://lists.sourceforge.net/lists/listinfo/sketch-list
Provider / main author :	Bernhard Herzog : bernhard@users.sourceforge.net
Training possibilities :	
Comments :	



Category :	Graphics-Image Viewing
Target user .	End User
Name :	Ghostview
Version number :	1.5.8
Maturity :	Complete
Homepage :	http://sourceforge.net/projects/ghostscript/
License :	GPL
Similar products :	Adobe Acrobat Reader
Short description :	Ghostview is an X11 user interface for Ghostscript, allowing you to view and navigate PostScript files.
Long description :	
Features :	<ul style="list-style-type: none"> - Ghostview parses any known version of Adobe's Document Structuring Conventions. - Page size is automatically determined from the Document Structuring Comments. The user is able to override the values from the comments. - Window size is set to the bounding box for Encapsulated PostScript figures. - Default page size is Letter and can be changed via Xresources or application defaults file to A4 (or any other valid size). - Scrollbars appear when necessary. - Page orientation is automatically determined from the Document Structuring Comments. The user is able to override the values from the comments. - Ability to view at 4 orientations: Portrait, Landscape, Upside-down, and Seascope (for those who rotate landscape the other direction). - Ability to restrict rendering to grayscale or monochrome. (Requires Ghostscript 2.6.1 or later.) - Ability to mark pages for printing, or saving. (Good for people that printed a 100 page document and lost page 59 due to a printer jam.) - Can popup zoom windows at printer resolution (1 display dot = 1 printer dot).
Platforms :	Unix systems with graphical Interfaces
Interoperability :	
Groups / support :	Newsgroup : gnu.ghostscript.bug
Provider / main author :	Tim Theisen < ghostview@cs.wisc.edu >.
Training possibilities :	
Comments :	



Category :	Graphics-Image Viewing
Target user .	End User
Name :	Xanim
Version number :	2.8
Maturity :	Very mature
Homepage :	http://smurfland.cit.buffalo.edu/xanim/xa_whatitisit.html
License :	NON-GPL
Similar products :	
Short description :	
Video and Audio player	
Long description :	
XAnim is a program for playing a wide variety of animation, video and audio formats under X11. It was written mainly for machines running unix(or a unix derivatives), but can also be compiled and run on VAX VMS machines(although without audio support). It has also been ported to the Amiga and to W95/NT.	
Features :	
X11, Audio, File formats and Codecs Support XAnim supports the majority of the common X11 Visuals. It supports all depths that have a bpp of 1, 8, 16 and 32.	
Platforms :	
Linux x86 platforms. NetBSD x86 platforms. BSDI x86 platforms. FreeBSD x86 platforms. SGI workstations(Indy, Indigo, etc). DEC workstations running MMS(Multimedia Services). Sun Solaris/SunOS Sparc/68K/x86 workstations. HP workstation running HP's Aserver. HP workstation direct audio device. Sony NEWS 5000 series workstations. QNX 4.2 x86 platforms. NEC EWS workstations. IBM AIX 4.1 workstations. Any machine running AudioFile(AF). Any machine running Net Audio Server(NAS).	
Interoperability :	
Groups / support :	
Provider / main author :	
Mark Podlipec 15 Meadow Lane Shrewsbury MA 01545 USA	
Training possibilities :	
Comments :	
software may be freely used, copied and redistributed without fee for non-commerical purposes provided that this copyright notice is preserved intact on all copies.	



Category :	GUI-Desktop
Target user .	End User
Name :	GNOME
Version number :	1.2
Maturity :	Complete
Homepage :	http://www.gnome.org/
License :	GPL
Similar products :	KDE (Inside Linux !)
Short description :	The GNOME project has built a complete free and easy-to-use desktop environment for the user, as well as a powerful application framework for the software developer.
Long description :	<p>The GNOME project was born as an effort to create an entirely free desktop environment for free systems. From the start, the main objective of GNOME has been to provide a user friendly suite of applications and an easy-to-use desktop.</p> <p>As with most GNU programs, GNOME has been designed to run on all modern strains of Unix-like operating systems.</p> <p>As the project has progressed over the past months, the objectives of the project have been extended to address a number of problems in the existing Unix infrastructure.</p> <p>The GNOME project acts as an umbrella, the major components of GNOME are:</p> <p>The GNOME desktop: an easy to use windows-based environment for users. The GNOME development platform: a rich collection of tools, libraries, and components to develop powerful applications on Unix. The GNOME Office: A set of office productivity applications</p>
Features :	
Platforms :	Unix systems with X graphical interface.
Interoperability :	
Groups / support :	http://www.gnome.org/resources/mailling-lists.html
Provider / main author :	The GNOME Project. Most Linux integrators distribute both Gnome and KDE (Mandrake, Caldera).
Training possibilities :	
Comments :	



Category :	GUI-Desktop
Target user .	End User
Name :	KDE
Version number :	2.0
Maturity :	Complete
Homepage :	http://www.kde.org
License :	GPL
Similar products :	Gnome, MS-Windows desktop.
Short description :	KDE 2.0 is a graphical interface for Linux
Long description :	KDE is a powerful Open Source graphical desktop environment for Unix workstations. It combines ease of use, contemporary functionality, and outstanding graphical design with the technological superiority of the Unix operating system.
Features :	
Platforms :	<ul style="list-style-type: none"> - Linux - Solaris - IRIX - HP-UX
Interoperability :	
Groups / support :	http://www.kde.org/maillinglists.html
Provider / main author :	The KDE Project
Training possibilities :	
Comments :	



Category :	GUI-Desktop
Target user .	End User
Name :	XFree86
Version number :	4.0.2
Maturity :	Very mature
Homepage :	http://www.xfree86.org/
License :	MIT
Similar products :	Open Group X Window System
Short description :	Open Source version of X Window (graphical environment).
Long description :	<p>The XFree86 Project, Inc is a non-profit organisation which produces XFree86, a freely redistributable open-source implementation of the X Window System that runs on UNIX(R) and UNIX-like (like Linux, the BSDs, Mac OS X (aka Darwin) and Solaris x86 series) operating systems and OS/2. XFree86 is the underlying software that is between the hardware and graphical user interface (aka gui) that people see and use. If you are using KDE, GNOME, Enlightenment, twm or fvwm then you are already using and running XFree86 as these run as our clients. Traditionally, The XFree86 Project has focused on Intel x86-based platforms, which is where the '86' in our name comes from, but our current release supports other platforms like the Alpha, PowerPC, Sparc and in-the-works MIPS CPU families.</p>
Features :	
Platforms :	Unix based x86 platforms.
Interoperability :	Interoperable with Open Group X window.
Groups / support :	Mailing lists : http://www.xfree86.org/mailman/listinfo .
Provider / main author :	
Training possibilities :	
Comments :	



Category :	Middleware
Target user .	Developer
Name :	JOnAS
Version number :	2.0
Maturity :	Pre-version
Homepage :	http://industry.java.sun.com/solutions/products/by_company/0,2343.all-939,00.html
License :	
Similar products :	
Short description :	
Enterprise Java bean server (from Bullsoft)	
Long description :	
<p>JOnAS is the BullSoft implementation of EJB1.1 specifications which is available as Open Source. JOnAS is a Java technology implementation of the EJB component specification that relies on JDK and JNDITM. It provides: Support of XML Deployment Descriptors. Support of stateless and stateful Session Beans. Support of Entity Beans with either Bean Managed Persistence or Container Managed Persistence (both upon JDBCTM). Support of all the transaction attributes. Support of JTA 1.0.1. Distribution using RMI or Jeremie, using JNDI.</p>	
Features :	
Platforms :	
Linux Microsoft Windows 95 Microsoft Windows 98 Microsoft Windows NT Sun Solaris for PowerPC Sun Solaris for SPARC Sun Solaris for x86	
Interoperability :	
with browsers: Microsoft Internet Explorer Netscape Communicator Netscape Navigator	
Groups / support :	
Provider / main author :	
Bullsoft	
Training possibilities :	
Comments :	
It is said that JOnAS is available as Open Source, but no details about the license...	



Category :	Middleware
Target user .	Developer
Name :	omniORB
Version number :	3.0.2
Maturity :	Complete
Homepage :	http://www.uk.research.att.com/omniORB/
License :	GPL
Similar products :	Borland VisiBroker
Short description :	omniORB is a robust, high-performance, multi-threaded CORBA 2 ORB (Object Request Broker).
Long description :	OmniORB is a CORBA 2 ORB. It is one of only three ORBs to be awarded the Open Group's Open Brand for CORBA. CORBA applications are composed of objects, individual units of running software that combine functionality and data, and that frequently (but not always) represent something in the real world. An ORB is a kind of repository for these objects.
Features :	
Platforms :	<ul style="list-style-type: none"> - Solaris 2.{5,6}/ Sun SparcCompiler C++ version 4.2 - Windows NT / Windows 95 / Visual C++ version 5.0 (and also version 6.0) - Linux 2.x (x86)/egcs-1.1.2/binutils-2.9.1.0.14/GNU Libc version 2 - HPUX 11.00/ aC++ - SGI Irix 6.x/SGI C++ compiler 7.2
Interoperability :	
Groups / support :	
Provider / main author :	AT&T Laboratories Cambridge
Training possibilities :	
Comments :	For more information about CORBA see http://www.omg.org/gettingstarted/corbafaq.htm .



Category :	Multimedia-CD Writing
Target user .	End User
Name :	X-CD-Roast
Version number :	0.98
Maturity :	Complete
Homepage :	http://www.xcdroast.org/
License :	GPL
Similar products :	
Short description :	
X-CD-Roast tries to be the most user friendly CD-burning software ever. It allows even the unexperienced user to create or copy a CD with a few mouse clicks in a intuitive and nice looking graphical user interface.	
Long description :	
X-CD-Roast is a graphical user interface (GUI) for the command-line cdrtools. You can do anything X-CD-Roast does yourself using these tools - but its nicer and easier with the frontend. The cdrtools contain "cdrecord" (does do the hard job to support all the cdwriters and is doing the actual writing of CDs), "readcd" (does read data-tracks of CDs - its a portable replacement of "dd"), "mkisofs" (does master CD-/images from given file-trees on the harddisk) and "cdda2wav" (does read audio-tracks).	
Features :	
<ul style="list-style-type: none"> - Easy setup and intuitive X11 user interface - GUI based on GTK+ instead of TCL/TK (100% new C-code) - Copies most data/mixed-mode/audio-CDs (data also on-the-fly) - Master data-CDs and rearrange audio-CDs (data also on-the-fly) - Create your own audio-CDs (full Disk-at-Once support) - Multisession/Bootable CD creation. - Supports most SCSI/ATAPI/Parallel-CD-Writers available - Supports different international languages - CDDDB-Lookups and CD-Text - Online help - Administration mode for usage in computer pools. - Fully themeable via GTK-Themes - Runs on most common Unix-Operation-Systems (Primary platforms: Linux and Solaris) 	
Platforms :	
Unix with graphical environment.	
Interoperability :	
Groups / support :	
<ul style="list-style-type: none"> - The author offers to answer to some questions mailed to him (tn@fh-muenchen.de). - Public forum : http://sourceforge.net/forum/forum.php?forum_id=23595 	
Provider / main author :	
T.Niederreiter (tn@fh-muenchen.de)	
Training possibilities :	
Comments :	



Category :	Multimedia-VRML
Target user .	End User
Name :	Xmovie
Version number :	1.6
Maturity :	Complete
Homepage :	http://heroinewarrior.com/xmovie.php3
License :	GPL
Similar products :	Quicktime
Short description :	Multimedia viewer
Long description :	<p>XMovie allows you to watch Quicktime and MPEG movies on a Linux box. The Quicktime decoder reads YUV420, YUV422, JPEG photo, MJPA, RGB, DV, IMA4, ULAW, and PCM codecs. The MPEG decoder reads MPEG-1 video, MPEG-2 video, MPEG-1 system streams, MPEG-2 system streams, VOB files, mp2 audio, mp3 audio, and ac3 audio.</p> <p>XMovie is a movie player for MPEG-2, DVD, and Quicktime movies with stereo sound. It won't play any Quicktime movies downloaded from the internet because those are compressed with Sorenson Vision. But Quicktime has many uses besides the Internet. What XMovie is used for is playing long unencrypted DVD files and high resolution Quicktime movies. It is currently a player supporting synchronized audio and video for DVD and a convenient player for movies over 50 minutes. It supports aspect ratios and stereo sound, for VCR replacement. Since XMovie is based on LibMPEG-2, it is able to use symmetric multiprocessing for MPEG-2 and Quicktime decompression.</p>
Features :	See Long description
Platforms :	Linux
Interoperability :	
Groups / support :	
Provider / main author :	
Training possibilities :	
Comments :	



Category :	Networking-DNS
Target user .	End User
Name :	Bind
Version number :	9.1.0
Maturity :	Very mature
Homepage :	http://www.isc.org/products/BIND/
License :	BSD
Similar products :	
Short description :	
BIND "Berkeley Internet Name Daemon", and is the Internet de-facto standard program for turning host names into IP addresses.	
Long description :	
<p>BIND (Berkeley Internet Name Domain) is an implementation of the Domain Name System (DNS) protocols and provides an openly redistributable reference implementation of the major components of the Domain Name System, including:</p> <ul style="list-style-type: none"> - a Domain Name System server (named) - a Domain Name System resolver library - tools for verifying the proper operation of the DNS server <p>The BIND DNS Server is used on the vast majority of name serving machines on the Internet, providing a robust and stable architecture on top of which an organization's naming architecture can be built. The resolver library included in the BIND distribution provides the standard APIs for translation between domain names and Internet addresses and is intended to be linked with applications requiring name service.</p>	
Features :	
See description.	
Platforms :	
<ul style="list-style-type: none"> - Unix systems - Windows NT 	
Interoperability :	
Groups / support :	
<ul style="list-style-type: none"> - Commercial support : http://mind.be/ - Mailing lists : http://www.isc.org/services/public/lists/bind-lists.html 	
Provider / main author :	
Internet Software Consortium (www.isc.org).	
Training possibilities :	
See support.	
Comments :	



Category :	Networking-Email
Target user .	End User
Name :	Balsa
Version number :	1.0
Maturity :	Complete
Homepage :	http://www.balsa.net/main.html
License :	
Similar products :	Eudora, MS-Outlook
Short description :	Balsa is the official GNOME mail client.
Long description :	Balsa is an e-mail client. It is part of the GNOME desktop environment. Balsa's interface is similar to that of Eudora on Windows, with many of its features.
Features :	<ul style="list-style-type: none"> - Local mailboxes. - Nested mailboxes. - POP3. - IMAP. - Printing. - Spell Checking. - Multi-threaded mail retrieval (optional). - MIME support (view images inline, save parts). - Supports both SMTP and the use of a local MTA. - Address Book that integrates with GnomeCard. - Great configurability. - Active, open development (Mailing list info at http://mail.gnome.org/mailman/listinfo/balsa-list/). - Multiple character sets for composing and reading messages. - Attach files.
Platforms :	All Unix systems running GNOME.
Interoperability :	
Groups / support :	http://mail.gnome.org/mailman/listinfo/balsa-list
Provider / main author :	Jay Painter : jpaint@balsa.net Stuart Parmenter : pavlov@balsa.net
Training possibilities :	
Comments :	



Category :	Networking-Email
Target user .	Database Administrator
Name :	Mailman
Version number :	2.0.1
Maturity :	Complete
Homepage :	http://www.list.org/
License :	GPL
Similar products :	Majordomo, Smartmail.
Short description :	Software to help manage email discussion lists.
Long description :	Mailman is software to help manage electronic mail discussion lists, much like Majordomo or Smartmail. Mailman gives each mailing list a unique web page and allows users to subscribe, unsubscribe, and change their account options over the web. Even the list manager can administer his or her list entirely via the web. Mailman has most of the features that people want in a mailing list management system, including built-in archiving, mail-to-news gateways, spam filters, bounce detection, digest delivery, and so on.
Features :	See desc.
Platforms :	Mailman runs on most Un*x-like systems, is compatible with most web servers and browsers, and most SMTP servers. Mailman requires Python version 1.5 or newer.
Interoperability :	
Groups / support :	http://www.list.org/lists.html
Provider / main author :	Mailman is brought to you by the Mailman Cabal, currently composed of the following core developers: Barry Warsaw, Harald Meland, Ken Manheimer, Scott Cotton, and John Viega. Mailman was originally written by John Viega.
Training possibilities :	
Comments :	



Category :	Networking-Email
Target user .	System Administrator
Name :	Sendmail
Version number :	8.11.2
Maturity :	Very mature
Homepage :	http://www.sendmail.org/
License :	Sendmail
Similar products :	MS-Exchange
Short description :	Mail Server.
Long description :	<p>The most common transfer agent is sendmail. Mail transfer agents (MTAs) are used to transfer messages between machines. User agents give the message to the transfer agent, who may pass it onto another transfer agent, or possibly many other transfer agents. Users may give messages to transfer agents directly, but this requires some expertise on the part of the user and is only recommended for experts.</p> <p>Transfer agents are responsible for properly routing messages to their destination. While their function is hidden from the average user, theirs is by far the most complex part of getting messages from their source to their destination.</p>
Features :	
Platforms :	Unix systems.
Interoperability :	
Groups / support :	Sendmail, Inc. develops commercial products and services that simplify the deployment of sendmail.
Provider / main author :	Senmail.inc
Training possibilities :	
Comments :	



Category :	Networking-Firewalls
Target user .	System Administrator
Name :	Ipchains
Version number :	1.3.10
Maturity :	Complete
Homepage :	http://netfilter.filewatcher.org/ipchains/
License :	GPL
Similar products :	
Short description :	Firewalling tool.
Long description :	Linux ipchains is a rewrite of the Linux IPv4 firewalling code (which was mainly stolen from BSD) and a rewrite of ipfwadm, which was a rewrite of BSD's ipfw, I believe. It is required to administer the IP packet filters in Linux kernel versions 2.1.102 and above.
Features :	
Platforms :	Unix
Interoperability :	
Groups / support :	Chad Stewart, regular ipchains list contributor, is running the new ipchains list: to subscribe, send a message to subscribe@east.balius.com containing the words `subscribe ipchains-list' in the message body.
Provider / main author :	Rusty Russell
Training possibilities :	
Comments :	



Category :	Networking-FTP
Target user .	End User
Name :	gFTP
Version number :	2.0.77
Maturity :	Complete
Homepage :	http://gftp.seul.org/
License :	GPL
Similar products :	
Short description :	
gFTP is a free multithreaded ftp client for UNIX based machines running X.	
Long description :	
Features :	
<ul style="list-style-type: none"> - Supports the FTP, HTTP and SSH protocol - Supports fxp file transfers (transferring files between 2 remote servers via ftp) - Multithreaded to allow for simultaneous downloads - Toolbar to easily connect to sites with a stop button - File transfer queues to allow for downloading multiple files - Supports downloading entire directories and subdirectories - Bookmarks menu to allow you to quickly connect to ftp sites - Supports resuming interrupted file transfers - Supports caching of remote directory listings - Drag-N-Drop support - FTP and HTTP proxy server support - Allows for passive and non-passive file transfers - Supports UNIX, EPLF, Novell, MacOS, and NT (DOS) style directory listings - Full graphical configuration - No buffer overruns to help protect against malicious FTP sites - Fully Internationalized. 	
Platforms :	
Unix systems with graphical interface.	
Interoperability :	
Groups / support :	
Mailing list : majordomo@seul.org	
Provider / main author :	
Brian Masney (masneyb@seul.org)	
Training possibilities :	
Comments :	



Category :	Networking-Utilities
Target user .	System Administrator
Name :	OpenLDAP
Version number :	2.0.7
Maturity :	Complete
Homepage :	http://www.openldap.org/
License :	
Similar products :	
Short description :	
OpenLDAP is an open source implementation of the Lightweight Directory Access Protocol.	
Long description :	
<p>Lightweight Directory Access Protocol (LDAP) is an open-standard protocol for accessing information services. The protocol runs over Internet transport protocols, such as TCP, and can be used to access stand-alone directory servers or X.500 directories.</p> <p>LDAP is a lightweight alternative to the X.500 Directory Access Protocol (DAP) for use on the Internet. It uses TCP/IP stack versus the overly complex OSI stack. It also has other simplifications, such as the representing most attribute values and many protocol items as textual strings, that are designed to make clients easier to implement.</p>	
Features :	
Platforms :	
Interoperability :	
Groups / support :	
<ul style="list-style-type: none"> - http://www.openldap.org/support/ - Commercial support is also available from Net Boolean Incorporated (http://www.booleannet.com/) and Mind NV (http://mind.be/) who offers custom development, support and training within Europe. 	
Provider / main author :	
The OpenLDAP Foundation.	
Training possibilities :	
Mind NV (http://mind.be/) who offers custom development, support and training within Europe.	
Comments :	



Category :	Networking-Utilities
Target user .	System Administrator
Name :	Samba
Version number :	2.7
Maturity :	Very mature
Homepage :	http://ftp.easynet.be/samba/samba.html
License :	GPL
Similar products :	
Short description :	
Free SMB and CIFS client and server for unix and other operating systems.	
Long description :	
<p>Samba is an open source software suite that provides seamless file and print services to SMB/CIFS clients. Samba is freely available under the GNU General Public License</p> <p>SMB is the protocol by which a lot of PC-related machines share files and printers and other information such as lists of available files and printers. Operating systems that support this natively include Windows NT, OS/2, and Linux and add on packages that achieve the same thing are available for DOS, Windows, VMS, Unix of all kinds, MVS, and more. Apple Macs and some Web Browsers can speak this protocol as well. Alternatives to SMB include Netware, NFS, Appletalk, Banyan Vines, Decnet etc; many of these have advantages but none are both public specifications and widely implemented in desktop machines by default.</p>	
Features :	
<p>Here is a very short list of what samba includes, and what it does. For many networks this can be simply summarised by "Samba provides a complete replacement for Windows NT, Warp, NFS or Netware servers."</p> <ul style="list-style-type: none"> - a SMB server, to provide Windows NT and LAN Manager-style file and print services to SMB clients such as Windows 95, Warp Server, smbfs and others. - a NetBIOS (rfc1001/1002) nameserver, which amongst other things gives browsing support. Samba can be the master browser on your LAN if you wish. - a ftp-like SMB client so you can access PC resources (disks and printers) from unix, Netware and other operating systems - a tar extension to the client for backing up PCs - limited command-line tool that supports some of the NT administrative functionality, which can be used on Samba, NT workstation and NT server. 	
Platforms :	
See desc.	
Interoperability :	
Allows interconnectivity with MS-Windows network systems.	
Groups / support :	
<p>Community : http://ftp.easynet.be/samba/support/</p> <p>Commercial : A lot of companies offer support for Samba. Exemple : Mind Linux Consultancy (http://mind.be/)</p>	
Provider / main author :	
The Samba Team	
Training possibilities :	
See support.	
Comments :	



Category :	Networking-Utilities
Target user .	Database Administrator
Name :	Squid
Version number :	2.3
Maturity :	Very mature
Homepage :	http://www.squid-cache.org/
License :	GPL
Similar products :	
Short description :	
Squid is a full-featured Web proxy cache.	
Long description :	
<p>Squid is a high-performance proxy caching server for web clients, supporting FTP, gopher, and HTTP data objects. Unlike traditional caching software, Squid handles all requests in a single, non-blocking, I/O-driven process.</p> <p>Internet object caching is a way to store requested Internet objects (i.e., data available via the HTTP, FTP, and gopher protocols) on a system closer to the requesting site than to the source. Web browsers can then use the local Squid cache as a proxy HTTP server, reducing access time as well as bandwidth consumption.</p>	
Features :	
<ul style="list-style-type: none"> - Proxying and caching of HTTP, FTP, and other URL's - Proxying for SSL - Cache hierarchies - ICP, HTCP, CARRP, Cache Digests - Transparent caching - WCCP (Squid v2.3) - Extensive access controls - HTTP server acceleration - SNMP - Caching of DNS lookups 	
Platforms :	
Any modern Unix system.	
Interoperability :	
Groups / support :	
<ul style="list-style-type: none"> - Mailing lists : http://www.squid-cache.org/mailling-lists.html - Commercial companies offering fee based support can be found on http://www.squid-cache.org/Support/services.html 	
Provider / main author :	
The Team Squid.	
Training possibilities :	
See support.	
Comments :	



Category :	Networking-Utilities
Target user .	System Administrator
Name :	Teacup
Version number :	3.0.1
Maturity :	Complete
Homepage :	http://www.altara.org/teacup.html
License :	GPL
Similar products :	
Short description :	
CGI application designed to provide helpdesk problem report management for small to medium size organizations.	
Long description :	
Teacup is a CGI application, based on Perl 5 and PostgreSQL, designed to provide helpdesk problem report management for small to medium size organizations. It includes web and email interfaces for submitting, updating, and querying problem reports.	
Features :	
<p>Teacup is a system for tracking PRs (problem reports), for use in helpdesk and call tracking situations. A PR consists of a collection of information about a problem, including:</p> <ul style="list-style-type: none"> - State : Current "state" of the problem (new, open, closed, etc.) - Synopsis : A short description of the problem. - Description : A detailed description of the problem. - Solution : How the problem was solved (closed PRs only). - Requestor : The name of the person experiencing or reporting the problem. - Technician : The name of a technician assigned to solve the problem. - Severity : The severity of the impact of the problem. - Priority : The importance of finding a solution. - Estimated hours : Estimate of total hours required to solve the problem. - Actual hours : Total technician time spent on the problem (so far). - Log : A list of changes to the PR, and of update entries made by technicians. <p>In addition, Teacup assigns a unique identification number to each problem, the PR ID, and tracks the creation and last modification time of the problem report automatically. There are also four user-definable fields for different problem aspects (for example, building location, billing code, telephone number, etc.) See The Configuration File for more on configuring user-defined fields.</p>	
Platforms :	
Interoperability :	
Groups / support :	
Provider / main author :	
The Altara Open Network	
Training possibilities :	
Comments :	



Category :	Networking-Utilities
Target user .	System Administrator
Name :	wget
Version number :	1.6.2
Maturity :	Complete
Homepage :	http://www.gnu.org/software/wget/wget.html
License :	GPL
Similar products :	
Short description :	
Non-interactively retrieves files from the WWW using HTTP and FTP.	
Long description :	
<p>GNU Wget is a freely available network utility to retrieve files from the World Wide Web using HTTP and FTP, the two most widely used Internet protocols. It works non-interactively, thus enabling work in the background, after having logged off.</p> <p>The recursive retrieval of HTML pages, as well as FTP sites, is supported: you can use Wget to make mirrors of archives and home pages, or traverse the web like a WWW robot .</p>	
Features :	
See desc.	
Platforms :	
- Unix	
Interoperability :	
Groups / support :	
Newsgroup: gnu.utils.help	
Provider / main author :	
The GNU Project.	
Training possibilities :	
Comments :	



Category :	Networking-WWW
Target user .	Database Administrator
Name :	Apache
Version number :	2.0
Maturity :	Very mature
Homepage :	http://httpd.apache.org/
License :	Apache
Similar products :	MS-IIS, Netscape Server / iPlanet.
Short description :	Free HTTP (Web) server which is used by over 60% of all web servers worldwide, according Netcraft active IP hosts tests.
Long description :	<p>The Apache Project is a collaborative software development effort aimed at creating a robust, commercial-grade, featureful, and freely-available source code implementation of an HTTP (Web) server. The project is jointly managed by a group of volunteers located around the world, using the Internet and the Web to communicate, plan, and develop the server and its related documentation. These volunteers are known as the Apache Group. In addition, hundreds of users have contributed ideas, code, and documentation to the project.</p> <p>With a global note of 8,8 on ten against 8,6 for iPlanet 4.1 and 7,8 for IIS 5.0 (given by "Decision Micro & Réseau" 27 November 2000 – www.01net.com, Apache is a global test-winner regarding performances (especially concerning http static tests on the number of pages readed per second) portability on other platforms), security-authentication and evolutivity. A relative weakness (concerning the 1.3.12 version combined with Red Hat Linux 6.2) was the obtention of graphical local administration via additional modules, and sometimes delicate tuning.</p>
Features :	See long description.
Platforms :	Almost every existing OS platform (HP, AIX, Solaris, SCI-Irix, Netware, MacOS, Linux, Windows...).
Interoperability :	
Groups / support :	Newsgroups: comp.infosystems.www.servers.unix, comp.infosystems.www.servers.ms-windows.
Provider / main author :	The Apache Software Foundation.
Training possibilities :	
Comments :	



Category :	Networking-WWW
Target user .	Developer
Name :	Enhydra
Version number :	3.1
Maturity :	Usable
Homepage :	http://www.enhydra.org/
License :	EPL
Similar products : (see also other ASP as Zope)	
Short description :	
Enhydra is the first and leading Open Source Java/XML application server.	
Long description :	
<p>Enhydra is an Open Source application server that facilitates the rapid development and deployment of Java and XML based applications, including e-Commerce, business to business, business to client, and Intranet applications for the wired and wireless web. A flexible development environment, Enhydra supports complete separation of interface design, business logic, and data logic, creating highly maintainable applications with very flexible deployment scenarios.</p> <p>Enhydra accepts Java standards as EJB (Enterprise Java Beans) or JSP (Java Server Pages). And is JDBC compatible (Oracle, Informix, MS-SQL Server, IBM DB2, MySQL and PostgreSQL). The XML compiler (XMLC) generates dynamically HTML pages, splitting the applicative part (Java) from the content (XML).</p> <p>Concerning security, Enhydra accepts SSL. The support of the SOAP protocol is foreseen, as an enterprise version (EEAS – Enhydra Enterprise Application Server) for e-commerce, with J2EE (Java 2 Enterprise Edition) compatibility.</p> <p>Supported by main actors as France Telecom, Evidian, Plugged In Software, Enhydra wants to become the “Apache” of ASPs</p>	
Features :	
See desc.	
Platforms :	
Platforms running a web server and Java.	
Interoperability:	
JAVA & XML, EJB, JSP, JDBC compatible data bases, Oracle r Borland development environments, SSL and WML (Wireless Markup Language)	
Groups / support :	
http://enhydra.enhydra.org/community/index.html	
Provider / main author :	
Enhydra.org (enhydra@enhydra.org)	
Training possibilities :	
Comments :	



Category :	Networking-WWW
Target user .	Database Administrator
Name :	ht://Dig
Version number :	3.1.5
Maturity :	Very mature
Homepage :	http://htdig.sourceforge.net/
License :	GPL
Similar products :	
Short description :	
Complete world wide web indexing and searching system.	
Long description :	
<p>The ht://Dig system is a complete world wide web indexing and searching system for a domain or intranet. This system is not meant to replace the need for powerful internet-wide search systems like Lycos, Infoseek, Google and AltaVista. Instead it is meant to cover the search needs for a single company, campus, or even a particular sub section of a web site.</p> <p>As opposed to some WAIS-based or web-server based search engines, ht://Dig can easily span several web servers. The type of these different web servers doesn't matter as long as they understand common protocols like HTTP.</p>	
Features :	
<ul style="list-style-type: none"> - Intranet searching - Boolean expression searching - Configurable search results - Fuzzy searching - Searching of HTML and text files - Keywords can be added to HTML documents - Email notification of expired documents - A Protected server can be indexed - Searches on subsections of the database - The depth of the search can be limited - Full support for the ISO-Latin-1 character set 	
Platforms :	
Unix platform with a C++ compiler.	
Interoperability :	
Groups / support :	
http://htdig.sourceforge.net/mailarchive.html	
Provider / main author :	
The ht://Dig Group (http://htdig.sourceforge.net/)	
Training possibilities :	
Comments :	



Category :	Networking-WWW
Target user .	End User
Name :	Interchange
Version number :	4.6.1
Maturity :	Very mature
Homepage :	http://developer.akopia.com/cgi-bin/ic/index.html
License :	GPL
Similar products :	
Short description :	
Open source e-commerce platform	
Long description :	
Akopia's Interchange platform is claimed to be one of the most widely distributed open source e-business application available today. The software may have over 1 million copies in distribution and is supported by a worldwide development community. The recent merger of Minivend and Akopia, may reinforce support with more resources than before.	
Features :	
<ul style="list-style-type: none"> - Web-based content management - Easy integration with existing databases - Product matrix support - Inventory tracking - Multiple platform support - Unlimited products - Unlimited transactions - Context-sensitive help - Shopping basket functionality - SSL support - Product options selection - Manufacturer MAP support - Multiple product display options - Unlimited template editing capability - Field editing capability - Sales tax calculation - UPS zone-based shipping - Configurable payment methods - Generates static pages for search engine compatibility and performance - Dynamic product pages - Affiliate management features - Email notification of orders - Sales statistics - Source code included 	
Platforms :	
Unix	
Interoperability :	
Groups / support :	
<ul style="list-style-type: none"> - http://lists.akopia.com/mailman/listinfo/interchange-users - Commercial : http://www.akopia.com/supportserv.html 	
Provider / main author :	
RedHat (http://www.redhat.com)	
Training possibilities :	



Comments :



Category :	Networking-WWW
Target user .	End User
Name :	Lynx
Version number :	2.8.3
Maturity :	Very mature
Homepage :	http://lynx.browser.org/
License :	GPL
Similar products :	
Short description :	
Text-only Web browser.	
Long description :	
Lynx is a fully-featured World Wide Web (WWW) browser for users on Unix, VMS, and other platforms running cursor-addressable, character-cell terminals or emulators. That includes vt100 terminals, other character-cell displays, and vt100 emulators such as Kermit or Procomm running on PCs or Macs.	
Features :	
See desc.	
Platforms :	
<ul style="list-style-type: none"> - Unix - VMS - Windows 95/98/NT but not 3.1 or 3.11 - DOS (386 or higher) - OS/2 EMX 	
Interoperability :	
Groups / support :	
http://lynx.isc.org/release/lynx2-8-3/lynx_help/lynx_help_main.html	
Provider / main author :	
University of Kansas	
Training possibilities :	
Comments :	



Category :	Networking-WWW
Target user .	End User
Name :	Mozilla
Version number :	0.7
Maturity :	Usable
Homepage :	http://www.mozilla.org/
License :	MPL
Similar products :	MS Internet Explorer
Short description :	Mozilla is a cousin to Netscape Communicator internet application suite that is being developed by the Free Software Community with the cooperation and support of Netscape.
Long description :	Internet application suite (Like Netscape Communicator)
Features :	
Platforms :	<p>The following platforms have been built successfully:</p> <ul style="list-style-type: none"> - Solaris 2.4, 2.5, 2.6 - FreeBSD 2.2, 3.0 - Linux/Intel and Alpha 2.0, 2.1 - MacOS - WinNT 4.0 - IRIX 5.3, 6.2, 6.3, 6.4 - Win95, Win98 - Digital Unix 4.0 - NetBSD - OpenBSD - BSDI - HP/UX 9.05, 10.20, 11.0 (see 2.7) - Hurd .03 - DG/UX
Interoperability :	
Groups / support :	http://www.mozilla.org/quality/
Provider / main author :	The Mozilla Project
Training possibilities :	
Comments :	



Category :	Networking-WWW
Target user .	System Administrator
Name :	zope
Version number :	2.3.0
Maturity :	Usable
Homepage :	http://www.zope.org/
License :	ZPL
Similar products :	Allaire, Silverstream, and IBM's WebSphere
Short description :	Open Source web application server
Long description :	<p>Zope is an Open Source web application server. It includes a own web server, but works also with most web servers like Apache. Zope enables teams to collaborate in the creation and management of dynamic web-based business applications such as intranets and portals. Zope wants to make more easy to build features such as site search, news, personalization, and e-commerce into web applications.</p> <p>Zope also provides mechanisms for processing the content of a web site, and a layer on top of that for managing content via the web.</p>
Features :	Zope acts as an ASP, (Application Server) between a Web application and the Web Server
Platforms :	Windows 9x Windows NT Unixes Linux
Interoperability :	Apache The Admin guide mentions "most of the Web servers"
Groups / support :	http://www.zope.org/
Provider / main author :	Digital Creations (commercial company making Zope OSS)
Training possibilities :	A complete documentation is downloadable (Ex-commercial product, changed to free OSS)
Comments :	on the Zope story, see http://www.troubleshooters.com/tpromag/199906/digcreate.htm



Category :	Office-CAD
Target user .	End User
Name :	Alliance
Version number :	1.6
Maturity :	Complete
Homepage :	http://www-asim.lip6.fr/alliance/
License :	GPL
Similar products :	
Short description :	
Complete set of CAD tools for the specification, design and validation of digital VLSI circuits.	
Long description :	
Alliance is a complete set of free CAD tools and portable libraries for VLSI (Very large-scale integrated) design. It includes a VHDL compiler and simulator, logic synthesis tools, and automatic place and route tools. Advanced verification tools for functional abstraction and static timing analysis are part of the system. A complete set of portable CMOS libraries is provided, including a RAM generator, a ROM generator and a data-path compiler. Alliance is the result of a ten year effort spent at ASIM department of LIP6 laboratory of the Pierre et Marie Curie University (Paris VI, France). Alliance has been used for research projects such as the 875 000 transistors StaCS superscalar microprocessor and 400 000 transistors IEEE Gigabit HSL Router.	
Features :	
See desc.	
Platforms :	
<ul style="list-style-type: none"> - Linux - HP-UX - FreeBSD - Windows NT 	
Interoperability :	
Thanks to the standard formats used for the external files, Alliance is an open software. You can use most of the Alliance tools with other VLSI frameworks such as CADENCE. The Alliance toolset support a zero-default top-down design flow with not only construction tools (layout editor, logic synthesis, automatic place and route) but also validation tools, from design rule checker to functional abstractor and static timing analysis.	
Groups / support :	
http://www-asim.lip6.fr/alliance/support/index.html	
Provider / main author :	
Alliance is the result of a ten year effort spent at ASIM department of LIP6 laboratory of the Pierre et Marie Curie University (Paris VI, France).	
Training possibilities :	
Comments :	



Category :	Office-CAD
Target user .	End User
Name :	Electric
Version number :	6.02.1
Maturity :	Very mature
Homepage :	http://www.gnu.org/software/electric/electric.html
License :	GPL
Similar products :	
Short description :	
Sophisticated electrical CAD system that can handle many forms of circuit design.	
Long description :	
<p>Electric is a sophisticated electrical CAD system that can handle many forms of circuit design, including:</p> <p>Custom IC layout (ASICs) Schematic drawing Hardware description language specifications</p> <p>Electric is a sophisticated electrical CAD system that can handle many forms of circuit design, including:</p> <ul style="list-style-type: none"> - Custom IC layout (ASICs) - Schematic drawing - Hardware description language specifications - Electro-mechanical hybrid layout 	
Features :	
<p>Electric has these CAD operations:</p> <ul style="list-style-type: none"> - Design rule checking (3 options) - Electrical rule checking - Simulation and simulation interface (8 options) - Generation (3 options) - Compaction - Compensation - Routing (4 options) - VHDL compilation - Silicon compilation - Network consistency checking <p>Electric handles these types of design:</p> <ul style="list-style-type: none"> - MOS (6 CMOS variations, 1 nMOS variation) - Bipolar and BiCMOS - Schematics and printed circuits - Digital filters, Temporal logic - Artwork 	
Platforms :	
<ul style="list-style-type: none"> - UNIX - Macintosh - Windows 	
Interoperability :	
Groups / support :	
http://www.staticfreesoft.com/contact.html	
Provider / main author :	
http://www.staticfreesoft.com/	
Training possibilities :	



Comments :



Category :	Office-CAD
Target user .	End User
Name :	gEDA
Version number :	Development version 20001217
Maturity :	Usable
Homepage :	http://www.geda.seul.org/
License :	GPL
Similar products :	
Short description :	
Collection of tools that include a schematic capture tool, a netlister, PCB tool, and a verilog compiler/simulator. gEDA stands for GPLd Electronic Design Automation Project.	
Long description :	
gEDA is a collection of tools which are used for electrical circuit design, simulation and prototyping/production. The gEDA project was started because of the lack of free EDA tools for UNIX. The tools are being developed mainly on GNU/Linux machines, but considerable effort is being made to make sure that gEDA runs on other UNIX variants.	
Features :	
gschem : Schematic Capture. gnetlist : Netlist Generation and verification. gschcheck: Schematic Checker. geda: gEDA's GUI/project manager.	
Platforms :	
- Unix systems - Windows NT	
Interoperability :	
Groups / support :	
http://www.geda.seul.org/maillinglist/index.html	
Provider / main author :	
Ales Hvezda : ahvezda@geda.seul.org	
Training possibilities :	
Comments :	



Category :	Office-Database
Target user .	Database Administrator
Name :	GRG
Version number :	1.43
Maturity :	Complete
Homepage :	http://www.gnu.org/software/grg/grg.html
License :	GPL
Similar products :	
Short description :	
GNU Report Generator.	
Long description :	
<p>The GRG program reads record and field information from a dBase3+ file, delimited ascii text file or a SQL query to a RDBMS and produces a report listing. The program was loosely designed to produce TeX/LaTeX formatted output, but plain ascii text, troff, PostScript, HTML or any other kind of ascii based output format can be produced just as easily.</p> <p>The GRG program is ideal for generating large bodies of text where various parts of the text are substituted with information from a database.</p> <p>The formatting process of GRG is controlled by a definition file which holds the report, page, and record layouts, what fields to display, and where. Other useful functions supported in the definition file include sorting, filtering, and data manipulation of records in the databases.</p>	
Features :	
<ul style="list-style-type: none"> - Multiple input databases - Support for ASCII text, dBase3+, CA-Ingres and GNU SQL Server databases - Sorting of database records - Automatic banner placement at the start of each sorted group - Filters using regular expressions or GRG equates - Five main text bodies - header, footer, record, 1st page, and Nth page - User defined macros and text bodies - User defined equations on field contents, including conditionals - User configurable input parsing patterns (default is like awk) - Include files - Environment variables - System variables - General purpose processing language 	
Platforms :	
Unix systems	
Interoperability :	
Groups / support :	
Newsgroup: gnu.utils.help	
Provider / main author :	
The GNU Project	
Training possibilities :	
Comments :	



Category :	Office-Database
Target user .	Database Administrator
Name :	Interbase
Version number :	6.0
Maturity :	Very mature
Homepage :	http://www.borland.com/interbase/
License :	IPL
Similar products :	Oracle, SQL-Server, PostgresSQL, mySQL
Short description :	Cross-platform, structured query language (SQL) relational database management system (RDMS).
Long description :	InterBase is a powerful, high-performance SQL database designed to be embedded into applications on Windows, NetWare, Linux, and UNIX. Since 1985, InterBase has continually provided superior relational database solutions to meet the business-critical embedded database needs of VARs and application developers. InterBase continues to be the preferred solution for embedded database requirements because of its superior engine technology, advanced development features, small footprint, and unequalled ease of use, management, maintenance and installation. InterBase customers include Motorola, Societe Generale.
Features :	
Platforms :	Linux, Windows, Solaris
Interoperability :	
Groups / support :	http://www.borland.com/devsupport/interbase/ http://community.borland.com/interbase/
Provider / main author :	Borland
Training possibilities :	
Comments :	



Category :	Office-Database
Target user .	Database Administrator
Name :	MySQL
Version number :	3.4.2
Maturity :	Very mature
Homepage :	http://www.mysql.com/
License :	GPL
Similar products :	Oracle, MS-SQLServer - PostgreSQL, SAP db on Open Source
Short description :	Multi-user, multithread SQL relational Database.
Long description :	<p>MySQL is a relational database management system. A relational database stores data in separate tables rather than putting all the data in one big storeroom. This adds speed and flexibility. The tables are linked by defined relations making it possible to combine data from several tables on request. The SQL part of MySQL stands for "Structured Query Language" - the most common standardized language used to access databases.</p> <p>One of the major advantages of MySQL is the compatibility with the MS Windows world and ODBC for Windows clients.</p> <p>The database is appreciated for its performance and reliability, but the administrative interface is said to be "Severe" (poor graphics, with still some command line style interfaces). The documentation is complete, but somewhat confuse.</p> <p>Despite of these minor disadvantages, MySQL is becoming the reference database in Open Source.</p>
Features :	See desc.
Platforms :	<ul style="list-style-type: none"> - Linux - FreeBSD - Solaris - SCO - Win32 - NT - OS2
Interoperability :	Good with Linux /FreeBSD, the main commercial UNIX, but also MS Windows. ODBC pilots for Windows.
Groups / support :	<ul style="list-style-type: none"> - MySQL AB provides commercial support for MySQL (http://www.mysql.com/support/) - There are also user mailing lists (http://www.mysql.com/documentation/lists.html)
Provider / main author :	MySQL AB
Training possibilities :	<p>Polycon (http://www.polycon.fi/mysql/) offers full official MySQL training. They arrange in-house and open courses according to demand in any part of the world.</p> <p>They also license their official MySQL training material to third parties.</p>
Comments :	MySQL is now an open source software under the term of the GPL. However, there still exists a commercial version of the software for configurations where MySQL should be used in conjunction with non open source software. This situation is uncompatible with the GPL.



Category :	Office-Database
Target user .	Database Administrator
Name :	PostgreSQL
Version number :	7.0.3
Maturity :	Very mature
Homepage :	http://www.fr.postgresql.org/index.html
License :	BSD
Similar products :	Oracle, MySQL
Short description :	Sophisticated Object-Relational DBMS, supporting almost all SQL constructs.
Long description :	PostgreSQL is an enhancement of the POSTGRES database management system, a next-generation DBMS research prototype. While PostgreSQL retains the powerful data model and rich data types of POSTGRES, it replaces the PostQuel query language with an extended subset of SQL. PostgreSQL is free and the complete source is available.
Features :	<ul style="list-style-type: none"> - Robust transaction support and throughput - Commercial-grade SQL support - Complex queries and indexes - Multiple interfaces supported - Common and user-defined functions - Sophisticated data integrity features - Complex data types that exceed 1992 ANSI Standard requirements
Platforms :	<ul style="list-style-type: none"> - Solaris - SunOS - HPUX - AIX - Linux - Irix - FreeBSD
Interoperability :	
Groups / support :	<ul style="list-style-type: none"> - Commercial support is available see http://www.fr.postgresql.org/users-lounge/commercial-support.html. - http://www.postgresql.org/users-lounge/
Provider / main author :	PostgreSQL Inc.
Training possibilities :	
Comments :	



Category :	Office-Office
Target user .	End User
Name :	AbiWord
Version number :	0.7.12
Maturity :	Usable
Homepage :	http://www.abisource.com/
License :	LGPL
Similar products :	Word, StarOffice
Short description :	Open source word processor.
Long description :	AbiWord is a cross-platform Open Source word processor which runs natively on Linux, Win32, BeOS, Solaris, and other flavors of Unix. AbiWord is the first component of AbiSuite, a cross-platform office suite, entirely Open Source, being developed and coordinated by the AbiSource team.
Features :	<ul style="list-style-type: none"> - Basic character formatting (bold, underline, italics, etc.) - Paragraph alignment - Spell-check - Import of Word97 and RTF documents - Export to RTF, Text, HTML, and LaTeX formats - Interactive rulers and tabs - Styles - Unlimited undo/redo - Multiple column control - Widow/orphan control - Find/Replace - Images
Platforms :	
Interoperability :	See functionalities.
Groups / support :	Mailing list : http://www.abisource.com/faquser.phtml
Provider / main author :	SourceGear Corporation
Training possibilities :	
Comments :	



Category :	Office-Office
Target user .	End User
Name :	Groff
Version number :	1.12
Maturity :	Very mature
Homepage :	http://www.gnu.org/software/groff/groff.html
License :	GPL
Similar products :	LaTeX
Short description :	Groff (GNU Troff) is a document processor which reads plain text mixed with formatting commands and produces formatted output. Groff now supports HTML for the Web.
Long description :	Groff is of an older generation of document preparation systems, which operate more like compilers than the more recent interactive WYSIWYG (1) systems. Groff and it's contemporary counterpart, TeX, both work using a batch paradigm: the input (or source) files are normal text files with the text and embedded formatting commands. These files can then be processed by Groff to produce a typeset document on a variety of devices.
Features :	See desc.
Platforms :	Unix systems
Interoperability :	
Groups / support :	Mailing list : help-groff-request@gnu.org
Provider / main author :	The GNU Project
Training possibilities :	
Comments :	



Category :	Office-Office
Target user .	End User
Name :	Koffice
Version number :	2.1 (Feb. 2001)
Maturity :	Usable
Homepage :	http://www.koffice.org/
License :	GPL
Similar products :	MS-Office, StarOffice
Short description :	Integrated Office suite
Long description :	<p>KOffice is an integrated office suite for the KDE (K Desktop Environment) consisting of several applications like a word processor and a spread sheet. Based on the KParts component model KOffice offers a lot of interoperability between all its components. For example, you can embed every KOffice component into another component (e.g. a KSpread table into your KWord document) and a plug-in mechanism makes it possible to easily extend functionality (there are already a macro recorder and a calculator doing this).</p> <p>According to a test (by "Decision Micro – June 2001") this suite is convenient for stand-alone usage, but encounters problems when reading MS Word files (even html converted) and – globally – cannot yet compete with MS-Office. Excel 97 was read without encountering problems.</p>
Features :	word processing (Kword), Spreadsheet (Kspread), Presentation (Kpresenter), Image processing (Killustrator and Krayon), Formula manager (Kformula), a chart drawing application (Kchart), a flow chart designer (Kivio) and filters to import/export documents.
Platforms :	<ul style="list-style-type: none"> - Linux - Solaris - IRIX - HP-UX
Interoperability :	Generally speaking, importing and exporting common office-suite file formats are included but most are still in beta versions.
Groups / support :	Mailing list : http://www.koffice.org/contact.phtml
Provider / main author :	http://www.koffice.org
Training possibilities :	
Comments :	According commentators, (David Faure, release manager for KDE 2.1 and KDE Representative at Mandrakesoft) "this second major release of the KDE 2 series is a real improvement in terms of stability, performance and features, and KDE 2 has now matured into a solid, intuitive and complete desktop for daily use".



Category :	Office-Office
Target user .	End User
Name :	LaTeX
Version number :	2.0
Maturity :	Very mature
Homepage :	http://www.latex-project.org/
License :	LPPL
Similar products :	Groff
Short description :	LaTeX is a high-quality typesetting system, with features designed for the production of technical and scientific documentation. LaTeX is the de facto standard for the communication and publication of scientific documents.
Long description :	LaTeX is not a word processor! Instead, LaTeX encourages authors not to worry too much about the appearance of their documents, but to concentrate on getting the right content. In most typesetting or word-processing systems, the author would have to decide what layout to use, so would select (say) 18pt Times Roman for the title, 12pt Times Italic for the name, and so on. This has two results: authors wasting their time with designs, and a lot of badly designed documents! LaTeX is based on the idea that it is better to leave document design to document designers, and to let authors get on with writing documents.
Features :	<ul style="list-style-type: none"> - Typesetting journal articles, technical reports, books, and slide presentations. - Control over large documents containing sectioning, cross-references, tables and figures. - Typesetting of complex mathematical formulae. - Advanced typesetting of mathematics with AMS-LaTeX. - Automatic generation of bibliographies and indexes. - Multi-lingual typesetting. - Inclusion of artwork, and process or spot colour. - Using PostScript or Metafont fonts.
Platforms :	Numerous OS's. Any flavor of Unix and MS-Windows.
Interoperability :	
Groups / support :	http://www.latex-project.org/help.html
Provider / main author :	The LaTeX3 Project
Training possibilities :	
Comments :	



Category :	Office-Office
Target user .	End User
Name :	LyX
Version number :	1.1.6
Maturity :	Complete
Homepage :	http://www.lyx.org/
License :	GPL
Similar products :	Ms-Word,WordPerfect
Short description :	Document processor.
Long description :	<p>LyX is an advanced open source document processor running on many Unix platforms. It is called a "document processor", because unlike standard word processors, LyX encourages an approach to writing based on the structure of your documents, not their appearance. LyX lets you concentrate on writing, leaving details of visual layout to the software. LyX automates formatting according to predefined rule sets, yielding consistency throughout even the most complex documents. LyX produces high quality, professional output -- using LaTeX, an open source, industrial strength typesetting engine, in the background.</p>
Features :	<ul style="list-style-type: none"> - Different textclasses allow you to type letters, articles, books, movie scripts, LinuxDoc, slides. Also included are some textclasses for scientific societies, such as AMS, APS, IEEE, or specific journals like Astronomy and Astrophysics. - Numbered section headings, table of contents (with hypertext functionality), nested lists (aka "outline mode") - Interactive WYSIWYG math editor - Support for writing documents in most European languages, as well as Right-to-Left languages like Hebrew and Arabic, including multi-lingual documents. - Postscript® figures, with rotation, scaling, and captions - Interactive WYSIWYG tables - Footnotes and margin notes - Labels/references and bibliography (including BibTeX support) - Access to all LaTeX functionality with plain-latex-style - Import LaTeX. Export LaTeX, Postscript®, DVI, ASCII, or send a fax - SGML-tools support (both LinuxDoc and DocBook DTDs) - Literate programming support, via the "noweb" tool.
Platforms :	<ul style="list-style-type: none"> - Unix with X-Window - Windows - OS/2
Interoperability :	Processes LaTeX documents.
Groups / support :	http://www.lyx.org/internet/mailling.php3
Provider / main author :	The LyX Team is a world wide consortium of volunteer contributors.
Training possibilities :	
Comments :	<p>While LyX has been released nominally under the GPL in the past, it has in fact never been truly GPL. Particularly, it has always been linked to a closed source library. While some have taken a view that such actions violate the GPL, this is a legal impossibility. The law is quite clear that the release of the software by the original authors and copyright holders changed the licenses.</p>



Category :	Office-Office
Target user .	End User
Name :	StarOffice
Version number :	5.2
Maturity :	Very mature
Homepage :	http://www.sun.com/staroffice/
License :	GPLx
Similar products :	MS-Office, Applixware, Corel Wordperfect 2000
Short description :	Complete GPL Office Suite, includes word processing, spreadsheet, presentation, database and other utilities.
Long description :	<p>StarOffice 5.2 software is a complete, feature-rich office productivity product that's available free of charge to end users. It includes a word processor, spreadsheet, presentation software, calendar, e-mail, graphics program, database and math formula software. Comparable to Microsoft Office, its user interface is intuitive and easy to use. Tests attribute to StarOffice the better (although not 100%) interoperability with Microsoft Office file formats such as ".doc", ".ppt", and ".xls". It is multiplatform, available on the Solaris[tm] Operating Environment, Linux, and Microsoft Windows platforms, and supports 11 languages.</p> <p>A common criticism about the 5.2 version is that all components are launched together: it is heavy and resource consuming. Document storage is also more disk space consuming than MS-Office. The next version 6 should include file saving in the recently finalized XML file format specifications, and launching its various components separately with less resources than actually (and not all at the same time as in the Star Office 5.2 version). Globally, StarOffice is perceived as the most practicable current OSS alternative to MS-Office.</p>
Features :	See desc.
Platforms :	<ul style="list-style-type: none"> - Linux - Solaris - Windows
Interoperability :	<p>The StarOffice suite includes an import/export feature that provides seamless interoperability with Microsoft Office. You can easily open and edit existing Microsoft Word, Excel, and PowerPoint files in StarOffice suite. You can also save your StarOffice documents, spreadsheets, and presentations as Microsoft Office files.</p> <p>It's impossible to achieve 100-percent compatibility without access to the source code, which Microsoft does not make publicly available. However, the compatibility of the StarOffice 5.2 suite with Microsoft Office is among the best in the industry. Interoperability filters provide detailed information on formatting attributes for importing and exporting files between Microsoft Office and StarOffice 5.2 software.</p>
Groups / support :	Sun Enterprise Services offers worldwide innovative and comprehensive StarOffice support service programs that will help you successfully plan, design, deploy, train, and manage the transition to the StarOffice suite.
Provider / main author :	Sun Microsystems
Training possibilities :	See support.



Comments :

1) "Gartner believes businesses looking for a fat-client office package evaluate Microsoft Office, followed by Lotus SmartSuite and Corel WordPerfect Office before considering Sun's StarOffice 5.1."

"The major advantage of StarOffice is that Sun Microsystems does not charge for the software. But "free" is misleading; Sun does provide fee-based support for businesses with more than 100 StarOffice seats under the SunSpectrum service contracts."

"Conversion costs from Microsoft Office could outweigh the per-seat license fee advantage."

2)



Category :	Office-Spreadsheet
Target user .	End User
Name :	Gnumeric
Version number :	0.61
Maturity :	Usable
Homepage :	http://www.gnome.org/projects/gnumeric/
License :	GPL
Similar products :	MS-Excel
Short description :	The Gnumeric spreadsheet is part of the GNOME desktop environment: a project to create a free, user friendly desktop environment.
Long description :	
Features :	
Platforms :	Unix systems running GNOME
Interoperability :	Gnumeric will import your existing Excel, 1-2-3, Applix, Sylk, XBase and Oleo files.
Groups / support :	The Gnumeric mailing list can be reached at gnumeric-list@gnome.org . If you want to subscribe to the mailing list, send mail to: gnumeric-list-request@gnome.org and in the body of your message put the word "subscribe".
Provider / main author :	Main author : Miguel de Icaza (miguel@nuclecu.unam.mx)
Training possibilities :	
Comments :	



Category :	Scientific-Biology
Target user .	End User
Name :	GNUMed
Version number :	0.1
Maturity :	Pre-version
Homepage :	http://www.hherb.com/gnumed/index.html
License :	GPL
Similar products :	
Short description :	
Comprehensive and robust software package for paperless medical practice (project).	
Long description :	
Features :	
<p>GNUMed is based on a robust SQL client-server concept and has built in mechanisms to monitor data base integrity at any time.</p> <p>If your data gets corrupted for any reason (like a sudden power outage), you will be notified immediately - and then the server will be able to repair the damage. The two layer transaction protocol will enable you to recover from any disaster at any time.</p> <p>GNUMed features advanced multi-generation transaction logging and arbitrary levels of data encryption to maximize data integrity and to guarantee maximum confidentiality of sensitive data</p>	
Platforms :	
GNUMed servers run on any open source Unix flavour like GNU/Linux and freeBSD as well as on proprietary software such as WinNT (which is not recommended by the authors)	
Interoperability :	
GNUMed clients can be written to run on any platform that supports TCP/IP for network communication	
Groups / support :	
Mailing list : http://lists.sourceforge.net/mailman/listinfo/gnumed-devel	
Provider / main author :	
Project coordinator : Dr. Horst Herb (hherb@malleenet.net.au)	
Training possibilities :	
Comments :	



Category :	Scientific-Education
Target user .	Developer
Name :	CAPA
Version number :	
Maturity :	Complete
Homepage :	http://msuvmall.msu.edu/imc/product.asp?sku=44206
License :	GPL
Similar products :	
Short description :	
Computer Aided Personal Approach. Network system for learning, teaching, assessment and administration.	
Long description :	
CAPA is a network system for learning, teaching, assessment and administration. It is a tool, not a curriculum, and as such does not dictate course design, content or goals. This tool is used to provide students with personalized problem sets, quizzes, or exams containing both qualitative conceptual problems and quantitative problems. With CAPA, an instructor can create problem sets which include pictures, graphics, tables, etc., with variables that can be randomized and modified for each student	
Features :	
See desc.	
Platforms :	
CAPA has been exported to machines with the following operating systems: - Linux - Solaris - SunOS - Digital Unix	
Interoperability :	
Groups / support :	
capa@capa.msu.edu	
Provider / main author :	
Instructional Media Center, Michigan State University.	
Training possibilities :	
Comments :	



Category :	Scientific-Education
Target user .	End User
Name :	Ggradebook
Version number :	0.92
Maturity :	Usable
Homepage :	http://ggradebook.sourceforge.net/
License :	GPL
Similar products :	
Short description :	
Ggradebook is the fully-featured GNU gradebook; an application for tracking student grades for teachers.	
Long description :	
Features :	
Management of classes, periods and calculation of averages.	
Platforms :	
Interoperability :	
Groups / support :	
Cgradebook@users.sourceforge.net	
Provider / main author :	
The GNU Project	
Training possibilities :	
Comments :	



Category :	Scientific-Math
Target user .	End User
Name :	Gnuplot
Version number :	3.7.1
Maturity :	Very mature
Homepage :	http://www.gnuplot.org/
License :	NON-GPL
Similar products :	
Short description :	
Interactive function plotting utility.	
Long description :	
Gnuplot is a command-driven interactive function plotting program. It can be used to plot functions and data points in both two- and three-dimensional plots in many different formats, and will accommodate many of the needs of today's scientists for graphic data representation.	
Features :	
<ul style="list-style-type: none"> - Function plotting - 2D curbs and surfaces - 3D surfaces - Pie charts - Animations 	
Platforms :	
Any platform with a C compiler.	
Interoperability :	
Groups / support :	
newsgroup : comp.graphics.apps.gnuplot	
Provider / main author :	
The gnuplot team.	
Training possibilities :	
Comments :	



Category :	System-Compression/Package
Target user .	System Administrator
Name :	Amanda
Version number :	2.4
Maturity :	Complete
Homepage :	http://www.amanda.org/
License :	BSD
Similar products :	
Short description :	
Backup utility.	
Long description :	
AMANDA, the Advanced Maryland Automatic Network Disk Archiver, is a backup system that allows the administrator of a LAN to set up a single master backup server to back up multiple hosts to a single large capacity tape drive. AMANDA users native dump and/or GNU tar facilities and can back up a large number of workstations running multiple versions of Unix. Recent versions can also use SAMBA to back up Microsoft Windows 95/NT hosts.	
Features :	
See long description	
Platforms :	
Runs od multiple versions of Unix. Recent versions can also use SAMBA to back up Microsoft Windows 95/NT hosts.	
Interoperability :	
Groups / support :	
http://www.amanda.org/	
Provider / main author :	
University of Maryland.	
Training possibilities :	
Comments :	



Category :	System-Compression/Package
Target user .	End User
Name :	gzip
Version number :	1.3.10
Maturity :	Very mature
Homepage :	http://www.gnu.org/software/gzip/gzip.html
License :	GPL
Similar products :	Zip
Short description :	GNU's program for compressing and decompressing files.
Long description :	This program was developed as a replacement for compress because of the UNISYS and IBM patents covering the LZW algorithm used by compress. These patents made it impossible for us to use compress, and we needed a replacement. The superior compression ratio of GZIP is just a bonus.
Features :	See desc.
Platforms :	<ul style="list-style-type: none"> - Unix - Windows - DOS - Macintosh
Interoperability :	
Groups / support :	Newsgroup: gnu.utils.help
Provider / main author :	Jean-Loup Gailly < gzip@gnu.org > for the GNU project. Mark Adler < madler@alumni.caltech.edu > wrote the decompression part
Training possibilities :	
Comments :	



Category :	System-Compression/Package
Target user .	System Administrator
Name :	tar
Version number :	1.13.19
Maturity :	Very mature
Homepage :	http://www.gnu.org/software/tar/tar.html
License :	GPL
Similar products :	
Short description :	
File archiver.	
Long description :	
<p>The tar program provides the ability to create tar archives, as well as various other kinds of manipulation. For example, you can use tar on previously created archives to extract files, to store additional files, or to update or list files which were already stored.</p> <p>Initially, tar archives were used to store files conveniently on magnetic tape. The name `tar' comes from this use; it stands for tape archiver. Despite the utility's name, tar can direct its output to available devices, files, or other programs (using pipes). tar may even access remote devices or files (as archives).</p>	
Features :	
See desc.	
Platforms :	
A very large number of OS's.	
Interoperability :	
Groups / support :	
Newsgroup: gnu.utils.help	
Provider / main author :	
The GNU Project	
Training possibilities :	
Comments :	



Category :	System-Editors
Target user .	End User
Name :	Emacs
Version number :	20.3
Maturity :	Very mature
Homepage :	http://www.gnu.org/software/emacs/emacs
License :	GPL
Similar products :	
Short description :	
Emacs is the extensible, customizable, self-documenting real-time display editor.	
Long description :	
<p>Emacs is a text editor and more. At its core is an interpreter for Emacs Lisp ("elisp", for short), a dialect of the Lisp programming language with extensions to support text editing. Some of the features of GNU Emacs include:</p> <ul style="list-style-type: none"> - Content sensitive major modes for a wide variety of file types, from plain text to source code to HTML files. - Complete online documentation, including a tutorial for new users. - Highly extensible through the Emacs Lisp language. - Support for many languages and their scripts, including all the European "Latin" scripts, Russian, Greek, Japanese, Chinese, Korean, Thai, Vietnamese, Lao, Ethiopian, and some Indian scripts. (Sorry, Mayan hieroglyphs are not supported.) - A large number of extensions which add other functionality. The GNU Emacs distribution includes many extensions; many others are available separately--even a web browser 	
Features :	
See desc.	
Platforms :	
Practically any OS.	
Interoperability :	
Operates on a large number of text file formats.	
Groups / support :	
http://mail.gnu.org/mailman/listinfo/help-gnu-emacs	
Provider / main author :	
The GNU Project	
Training possibilities :	
Comments :	



Category :	System-Emulators
Target user .	End User
Name :	Dosemu
Version number :	1.0.1
Maturity :	Complete
Homepage :	http://www.dosemu.org/
License :	GPL
Similar products :	
Short description :	
DOSEMU stands for DOS Emulation, and is a linux application that enables the Linux OS to run many DOS programs - including some DPML apps.	
Long description :	
DOSEMU is a user-level program which uses certain special features of the Linux kernel and the 80386 processor to run MS-DOS/FreeDOS/DR-DOS in what we in the biz call a `DOS box.' The DOS box, a combination of hardware and software trickery, has these capabilities:	
<ul style="list-style-type: none"> o the ability to virtualize all input/output and processor control instructions o the ability to support the word size and addressing modes of the iAPX86 processor family's "real mode," while still running within the full protected mode environment o the ability to trap all DOS and BIOS system calls and emulate such calls as are necessary for proper operation and good performance o the ability to simulate a hardware environment over which DOS programs are accustomed to having control. o the ability to provide DOS services through native Linux services; for example, dosemu can provide a virtual hard disk drive which is actually a Linux directory hierarchy." 	
Features :	
See desc.	
Platforms :	
Dosemu is primarily written for Linux. It also works on NetBSD and possibly FreeBSD, however the graphics emulation is unlikely to work on NetBSD, which means that all DOS programs that use graphics mode (most DOS programs) will not work under NetBSD.	
Dosemu only works on Intel 80x86 processors, e.g. 80386, 80486, Pentium etc.	
Interoperability :	
Runs DOS programs.	
Groups / support :	
http://www.dosemu.org/maillinglist.html	
Provider / main author :	
DOSEMU-Development-Team	
Training possibilities :	
Comments :	
All sources in the official distribution of DOSEMU are © Copyright the "DOSEMU-Development-Team" unless explicitly stated otherwise. This copyright does not cover all parts of the DOSEMU code! Parts of the code not covered by the GPL are marked explicitly within the code, the rest of the code is GPL.	



Category :	System-Emulators
Target user .	Developer
Name :	Wine
Version number :	0.991212
Maturity :	Pre-version
Homepage :	http://www.winehq.com/
License :	Wine
Similar products :	
Short description :	
Wine is an implementation of the Windows 3.x and Win32 APIs on top of X and Unix.	
Long description :	
Wine is an implementation of the Windows 3.x and Win32 APIs on top of X and Unix. Think of Wine as a Windows compatibility layer. Wine provides both a development toolkit (WineLib) for porting Windows sources to Unix and a program loader, allowing unmodified Windows 3.1/95/NT binaries to run under Intel Unixes. Wine works on most popular Intel Unixes, including Linux, FreeBSD, and Solaris.	
Features :	
<p>Among others :</p> <ul style="list-style-type: none"> - Support for loading DOS, Windows 3.x and Win32 binaries - Support for Win16 and Win32 function calls - 16 and 32 bit x86 code - Large interrupt library for programs using real-mode INTxx calls - Advanced thunking capabilities - Optional use of external vendor DLLs - Reverse-engineering design assures "bug-for-bug" compatibility 	
Platforms :	
<ul style="list-style-type: none"> - Linux - FreeBSD - Solaris 	
Interoperability :	
Wine is already able to run a large number of Windows applications under Linux environment. However, 100% compatibility is very difficult to reach.	
Groups / support :	
Provider / main author :	
The Wine project	
Training possibilities :	
Comments :	



Category :	System-Encryption
Target user .	End User
Name :	GnuPG / GPG
Version number :	1.0.4
Maturity :	Complete
Homepage :	http://www.gnupg.org/
License :	GPL
Similar products :	PGP
Short description :	GnuPG stands for GNU Privacy Guard and is GNU's tool for secure communication and data storage. It can be used to encrypt data and to create digital signatures.
Long description :	<p>GnuPG is a complete and free replacement for PGP. Because it does not use the patented IDEA algorithm, it can be used without any restrictions. GnuPG is a RFC2440 (OpenPGP) compliant application.</p> <p>PGP, on which OpenPGP is based, was originally developed by Philip Zimmermann.</p> <p>GnuPG represents also a success story concerning an intervention of the European Public Sector in developing OSS, because it was funded by the German Federal Ministry of Economics and Technology, trying to find there a better security and confidentiality than with non-open source products (it seems that this OSS approach was decided to prevent Government's fears concerning economic spying).</p>
Features :	See desc., and http://home.nexgo.de/kraven/pgp/pgp02aa.html
Platforms :	It should run on most Unices as well as Windows 95 and Windows NT.
Interoperability :	
Groups / support :	http://www.gnupg.org/docs-mls.html
Provider / main author :	The GNU Project
Training possibilities :	
Comments :	



Category :	System-Encryption
Target user .	System Administrator
Name :	OpenSSL
Version number :	0.96
Maturity :	Pre-version
Homepage :	http://www.openssl.org/
License :	Apache
Similar products :	
Short description :	
Open source toolkit to implement a Secure Socket Layer	
Long description :	
<p>OpenSSL is an effort to develop a commercial-grade, Open Source toolkit implementing the Secure Sockets Layer (SSL v2/v3) and Transport Layer Security (TLS v1) protocols as well as a general purpose cryptography library.</p> <p>OpenSSL is based on the SSLeay library developed by Eric A. Young and Tim J. Hudson.</p> <p>OpenSSL is licensed under an Apache-style licence.</p>	
Features :	
Platforms :	
Linux Windows 9x,NT,2000 (C compiler) Various Unix	
Interoperability :	
Groups / support :	
Provider / main author :	
OpenSSL.org (included in various distributions)	
Training possibilities :	
Comments :	



Category :	System-File Managers
Target user .	System Administrator
Name :	mtools
Version number :	3.9.7
Maturity :	Very mature
Homepage :	http://www.gnu.org/software/mtools/mtools.html
License :	GPL
Similar products :	
Short description :	
Set of public domain programs to allow Unix systems to read, write, and manipulate files on a DOS file system (typically a diskette).	
Long description :	
Mtools is a public domain collection of tools to allow Unix systems to manipulate MS-DOS files: read, write, and move around files on an MS-DOS filesystem (typically a floppy disk). Where reasonable, each program attempts to emulate the MS-DOS equivalent command. However, unnecessary restrictions and oddities of DOS are not emulated. For instance, it is possible to move subdirectories from one subdirectory to another.	
Features :	
See desc.	
Platforms :	
Unix systems.	
Interoperability :	
Emulates the DOS commands syntax.	
Groups / support :	
Newsgroup: gnu.utils.help	
Provider / main author :	
The GNU Project	
Training possibilities :	
Comments :	



Category :	System-File Managers
Target user .	System Administrator
Name :	XFS
Version number :	0.9
Maturity :	Pre-version
Homepage :	http://oss.sgi.com/projects/xfs/
License :	GPL
Similar products :	
Short description :	
Journaling filesystem for the Linux kernel.	
Long description :	
XFS is a journaling filesystem developed by SGI and used in SGI's IRIX operating system. It is now also available under GPL for linux. It is extremely scalable, using btrees extensively to support large and/or sparse files, and extremely large directories. The journalling capability means no more waiting for fsck's or worrying about meta-data corruption.	
Features :	
XFS Features: - Sub-second filesystem recovery after crashes or power failures (never wait for long fscks again) - 64-bit scalability: millions of terabytes, millions of files, and a million files per directory (no more 2 GB limits) - High reliability and performance from journaling and other advanced algorithms	
Platforms :	
Linux	
Interoperability :	
Groups / support :	
Silicon Graphics Inc. developer community support : http://oss.sgi.com/projects/xfs/mail.html .	
Provider / main author :	
Silicon Graphics Inc.	
Training possibilities :	
Comments :	



Category :	System-OS
Target user .	System Administrator
Name :	BSD operating systems
Version number :	4.2
Maturity :	Very mature
Homepage :	http://www.freebsd.org/
License :	BSD
Similar products :	Linux, MS-Vindows / NT
Short description :	FreeBSD is an advanced BSD UNIX operating system.
Long description :	FreeBSD is a UNIX-like operating system for the i386 and Alpha/AXP platforms based on U.C. Berkeley's 4.4BSD-Lite release, with some 4.4BSD-Lite2 enhancements. It is also based indirectly on William Jolitz's port of U.C. Berkeley's Net/2 to the i386, known as 386BSD, though very little of the 386BSD code remains.
Features :	FreeBSD offers advanced networking, performance, security and compatibility features today which are still missing in other operating systems, even some of the best commercial ones. FreeBSD makes an ideal Internet or Intranet server. It provides robust network services, even under the heaviest of loads, and uses memory efficiently to maintain good response times for hundreds, or even thousands, of simultaneous user processes.
Platforms :	Intel xx86
Interoperability :	Compatibility modules enable programs for other operating systems to run on FreeBSD, including programs for Linux, SCO, NetBSD, and BSDI.
Groups / support :	http://www.freebsd.org/support.html
Provider / main author :	The FreeBSD Project
Training possibilities :	
Comments :	<p>MTIC recommended</p> <p>The difference between Linux and the flavors of BSD is that Linux development is restrained by the "copyleft" general public license (GPL). Any programmer who modifies the Linux kernel must make the source code available to the Linux community. BSD is not bound by the agreement - therefore, entrepreneurial-minded developers may prefer BSD.</p> <p>The two other BSD operating systems are OpenBSD and NetBSD. OpenBSD is more focused on security and NetBSD is a multi-platform OS similar to FreeBSD</p>



Category :	System-OS
Target user .	System Administrator
Name :	Linux
Version number :	2.4 (kernel)
Maturity :	Very mature
Homepage :	http://www.linuxhq.com/
License :	GPL
Similar products :	MS Windows 2000 / NT
Short description :	Linux is a free Unix-type operating system originally created by Linus Torvalds with the assistance of developers around the world. Developed under the GNU General Public License , the source code for Linux is freely available to everyone.
Long description :	Linux is an operating system that was initially created as a hobby by a young student, Linus Torvalds, at the University of Helsinki in Finland. Linus had an interest in Minix, a small UNIX system, and decided to develop a system that exceeded the Minix standards. He began his work in 1991 when he released version 0.02 and worked steadily until 1994 when version 1.0 of the Linux Kernel was released. The current full-featured version is 2.4 (released January 2001) and development continues.
Features :	
Platforms :	<ul style="list-style-type: none"> - Intel processor based platforms - Macintosh - Amiga - Atari - Alpha - Sparc - ARM - 64-bit DEC Alpha/AXP - SGI
Interoperability :	
Groups / support :	There are hundreds of web pages, newsgroups and mailing list providing help for the Linux operating system. A starting point could be http://www.linuxhelp.co.za/
Provider / main author :	Linus Torvalds is the main developer of the Linux kernel. A Linux system is made of the kernel and other applications contributed by thousands of people.
Training possibilities :	Several companies offer training for Linux related matters. One of the more advanced in the trainig and certifications they propose is RedHat (http://www.europe.redhat.com/training)
Comments :	



Category :	System-Printing
Target user .	End User
Name :	Ghostscript
Version number :	5.50
Maturity :	Very mature
Homepage :	http://www.cs.wisc.edu/~ghost/
License :	GPL
Similar products :	
Short description :	
Interpreter for the Postscript and PDF graphics languages.	
Long description :	
<p>Ghostscript is an interpreter for the PostScript language. A PostScript interpreter usually takes as input a set of graphics commands. The output is usually a page bitmap which is then sent to an output device such as a printer or display. PostScript is embedded in many printers.</p> <p>Ghostscript has several main uses:</p> <ul style="list-style-type: none"> - Display a PostScript file. - Print a PostScript file to a non-PostScript printer. 	
Features :	
See desc.	
Platforms :	
<ul style="list-style-type: none"> - A wide variety of Unix systems using X Windows version 11, release 4, 5, and 6, including Sun-3, Sun-4, Sun-386i, and Sun SPARCStation; generic 80386/486/Pentium machines running GNU/Linux, 386/ix, ISC Unix, SCO Unix, and Solaris; H-P 9000/300 and 9000/800; DECStation 2100 and 3100; VAX running Ultrix and OSF/1; Sequent Symmetry; Convex C1 and C2; Tektronix 4300; SGI Iris Indigo; - Sun workstations (Sun-3, SPARC, Sun-386i) running SunView; - VAX or AXP systems running VMS with X11R4/5 and DEC C or gcc. 	
Interoperability :	
Groups / support :	
Newsgroup: gnu.utils.help	
Provider / main author :	
The GNU Project.	
Training possibilities :	
Comments :	



Category :	System-Shells
Target user .	Developer
Name :	Bash
Version number :	2.2
Maturity :	Very mature
Homepage :	http://www.gnu.org/software/bash/bash.html
License :	GPL
Similar products :	
Short description :	
The Bourne Again Shell. It's compatible with the Unix `sh' and offers many extensions found in `csh' and `ksh'.	
Long description :	
<p>Bash is the shell, or command language interpreter, that will appear in the GNU operating system. The name is an acronym for the `Bourne-Again SHell', a pun on Steve Bourne, the author of the direct ancestor of the current Unix shell /bin/sh, which appeared in the Seventh Edition Bell Labs Research version of Unix.</p> <p>Bash is an sh-compatible shell that incorporates useful features from the Korn shell ksh and the C shell csh. It is intended to be a conformant implementation of the IEEE POSIX Shell and Tools specification (IEEE Working Group 1003.2). It offers functional improvements over sh for both interactive and programming use.</p>	
Features :	
See description.	
Platforms :	
<ul style="list-style-type: none"> - Unix systems - MS-DOS - OS/2 - Windows 95 - Windows NT 	
Interoperability :	
Groups / support :	
Provider / main author :	
The GNU Project	
Training possibilities :	
Comments :	



Category :	System-Shells
Target user .	System Administrator
Name :	Midnight Commander
Version number :	
Maturity :	Very mature
Homepage :	http://www.gnome.org/mc/
License :	GPL
Similar products :	
Short description :	
user friendly and colorful Unix file manager and shell, useful to novice and guru alike.	
Long description :	
The Midnight Commander is a directory browser/file manager for Unix-like operating systems.	
Features :	
Platforms :	
Interoperability :	
Groups / support :	
Provider / main author :	
Training possibilities :	
Comments :	



Category :	System-Text Utilities
Target user .	End User
Name :	A2ps
Version number :	4.13
Maturity :	Very mature
Homepage :	http://www.infres.enst.fr/~demaille/a2ps/
License :	GPL
Similar products :	
Short description :	
a2ps formats files for printing on a PostScript printer.	
Long description :	
a2ps is an Any to PostScript filter. It started as a Text to PostScript converter, with pretty printing features and all the expected features from this kind of programs. But today, it is also able to deal with other file types (PostScript, Texinfo, compressed, whatever...) provided you have the necessary tools.	
Features :	
<ul style="list-style-type: none"> - Customizable through various configuration files - Powerful escapes to define the headers, table of contents etc. the way you want - Variables to push even further the customizability in a comfortable manner. - Open approach of encodings. - Excellent support of the Latin 2, 3, 4, 5 and 6 encodings. - Fully customizable output style: fonts, background and foreground colors, line numbering style, etc. - Possibility to delegate the processing of some files to other filters. - Many contributions, e.g., pretty-print diffs, print reference cards of programs, sanitize broken PostScript files, print Duplex on Simplex printers etc. - The ability to pretty-print sources written in quite a few various languages. 	
Platforms :	
Unix systems, Windows	
Interoperability :	
Is able to process several text file formats.	
Groups / support :	
http://www.infres.enst.fr/~demaille/a2ps/feedback.html	
Provider / main author :	
Akim Demaille (demaille@inf.enst.fr) and Miguel Santana (santana@st.com).	
Training possibilities :	
Comments :	



Category :	System-Text Utilities
Target user .	Developer
Name :	Flex
Version number :	2.5.4
Maturity :	Very mature
Homepage :	http://www.gnu.org/software/flex/flex.html
License :	GPL
Similar products :	
Short description :	
Lexical analyser generator.	
Long description :	
Flex is a fast lexical analyser generator. It is a tool for generating programs that perform pattern-matching on text. There are many applications for Flex, including writing compilers in conjunction with GNU Bison. Flex is a free implementation of the well known Lex program. It features a Lex compatibility mode, and also provides several new features such as exclusive start conditions.	
Features :	
Flex is a tool for generating scanners: programs which recognized lexical patterns in text. flex reads the given input files, or its standard input if no file names are given, for a description of a scanner to generate. The description is in the form of pairs of regular expressions and C code, called rules.	
Platforms :	
Any posix platform.	
Interoperability :	
Groups / support :	
Newsgroup: gnu.utils.help	
Provider / main author :	
The GNU Project.	
Training possibilities :	
Comments :	



Category :	System-Text Utilities
Target user .	Developer
Name :	grep
Version number :	2.4.2
Maturity :	Very mature
Homepage :	http://www.gnu.org/software/grep/grep.html
License :	GPL
Similar products :	
Short description :	
Grep searches one or more input files for lines containing a match to a specified pattern.	
Long description :	
Grep searches one or more input files for lines containing a match to a specified pattern. By default, grep prints the matching lines.	
Features :	
Platforms :	
Interoperability :	
Groups / support :	
Newsgroup: gnu.utils.help	
Provider / main author :	
The GNU Project	
Training possibilities :	
Comments :	



Category :	System-Text Utilities
Target user .	End User
Name :	Ispell
Version number :	3.1.20
Maturity :	Very mature
Homepage :	http://www.gnu.org/software/ispell/ispell.html
License :	GPL
Similar products :	
Short description :	
Interactive spell checker that suggests `near misses' to replace unrecognized words.	
Long description :	
Ispell is a program that helps you to correct spelling and typographical errors in a file. When presented with a word that is not in the dictionary, ispell attempts to find near misses that might include the word you meant.	
Features :	
See desc.	
Platforms :	
Unix	
Interoperability :	
Groups / support :	
Newsgroup: gnu.utils.help	
Provider / main author :	
The GNU Project	
Training possibilities :	
Comments :	

