

**FREE / OPEN SOURCE SOFTWARES
(FOSS)
FOR EDUCATION**

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What is Free / Open Source Softwares ?



“Free / Open Source Softwares (FOSS) are programs whose licenses gives users the freedom to run the program for any purpose, to study and modify the program, and to redistribute copies of either the original or modified program (without having to pay royalties to previous developers).”

*- David A. Wheeler
(www.dwheeler.com)*

The (4) Freedoms of FOSS

According to the **Free Software Foundation (FSF)**, www.fsf.org free software is about protecting four user freedoms:

Freedom 1: To run/use a program, for any purpose

Freedom 2: To study how a program works and adapt it to a person's needs. Access to the source code is a precondition for this;

Freedom 3: To redistribute copies so that you can help your neighbour and;

Freedom 4: To improve a program and release your improvements to the public, so that the whole community benefits. Access to the source code is a precondition for this;

Why FOSS for Education ?

Freedom:

There are general reasons why all computer users should insist on free software. It gives users the freedom to control their own computers—with proprietary (copyright) software, the computer does what the software owner wants it to do, not what the software user wants it to do.

Free software also gives users the freedom to cooperate with each other, to lead an upright life.

Free software permits students to learn how software works. When students reach their teens, some of them want to learn everything there is to know about their computer system and its software. That is the age when people who will be good programmers should learn it.

To learn to write software well, students need to read a lot of code and write a lot of code. They need to read and understand real programs that people really use. They will be intensely curious to read the source code of the programs that they use every day.

Proprietary (copyright) software rejects their thirst for knowledge: it says, “The knowledge you want is a secret—learning is forbidden!” Free software encourages everyone to learn. we encourage students of any age and situation to read the source code and learn as much as they want to know.

Teaching the students to use free software, and to participate in the free software community, is a hands-on civics lesson. All levels of school (education) should use free software.

- Richard M. Stallman

(The Founder of GNU Movement / Free Software Foundation)

Lower Costs:

First, free software can save the schools money. Even in the richest countries, schools are short of money. Free software gives schools, like other users, the freedom to copy and redistribute the software, so the school system can make copies for all the computers they have. In poor countries, this can help close the digital divide.

The Initial Cost of acquiring FOSS is much lower than the cost of acquiring proprietary (copyright) software for which license fees have to be paid for each user or computer.

Reliability, Performance & Security:

Lower cost is not the only reason why the use of FOSS for servers is prevalent. FOSS is considered to have better scalability, reliability, performance & security.

The administrators of educational institutions should take these into account when making decisions on the Information Technology infrastructure of their institutions. This is especially important in the larger institutions.

The development methodology of FOSS tends to assure high quality of the software. Bugs are rapidly removed with the help of large number of developers, and the resulting software is more reliable. This is true of the more mature FOSS for Servers.

The comparison studies suggest that FOSS performs better than the proprietary softwares and FOSS is often superior to proprietary software in terms of security.

One of the reasons cited is the availability of the source code, which allows vulnerabilities or bugs to be identified and resolved by the FOSS development community. An independent audit of code is possible only with FOSS and not with proprietary software.

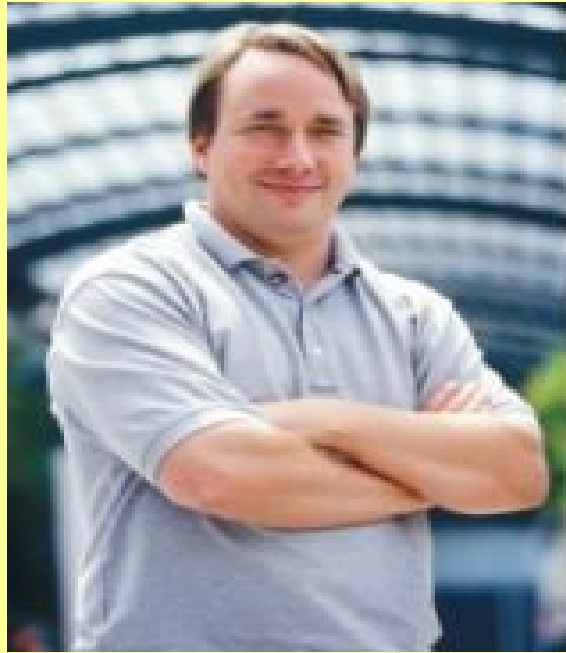
Any bugs found in proprietary software, only the company can fix up those with patches and might get prepared to release the newer version only after certain period of time, whereas the user don't find any way to rectify the problem on his own.

Build Long-term Capacity:

There are clear indications that the use of FOSS in Government, Industry and Other Institutions is growing and that there will be a need for graduates familiar with FOSS.

Hence, concerted efforts should be made to ensure the use of FOSS in the IT Curriculum wherever possible. It is important that students are not only exposed to the pre-dominant proprietary software but also have the opportunity to use a wider array of software, including FOSS.

Encourage Innovations:



Linus Torvalds

(The Creator of Linux Kernel)

Source:<http://en.wikipedia.org/wiki/>

Image:Linus_Torvalds.jpeg



Richard M Stallman

(The Creator of GNU Operating System)

A great deal of Innovations originates from Universities and many of the FOSS were initially developed in an academic environment.

For example, in 1984 Richard Stallman started developing a free Operating System called GNU in the Artificial Intelligence Laboratory at the Massachusetts Institute of Technology (MIT).

Linus Torvalds started the work of developing a Operating System Kernel that resulted in Linux in the University of Helsinki in Finland.

An academic environment where FOSS is prevalent will encourage staff and students to study and experiment with, and participate in the development of FOSS that may eventually lead to innovative solutions.

Alternative to Illegal Copying:

Educational Institutions that cannot afford to pay for licensing fees may resort to using illegal copies of the proprietary software. With FOSS, educational institutions can use as many copies of the software as required, regardless of whether it is for academic or administrative purposes.

The use of FOSS also discourages piracy by students, many of whom can ill-afford the purchase of licensed copies of proprietary software.

If proprietary software was used for teaching, students would have no choice to use illegal copies of the software to do homework and assignments at home or on their desktop computers.

In contrast, there is no restriction against making copies of FOSS for use outside institutions.

The students who were better exposed to FOSS in education, can easily develop innovative software solutions for the business needs after their successful academic completion.

Possibility of Localization:

Educational Institutions in Non-English speaking countries may not be able to benefit from the use of FOSS as most of the original software is developed in English.

However, the open nature of FOSS is such that it can be localized. Such localization need not involve the original developer. With FOSS, it is possible to run one application in many Languages with the help of Localization.

Learning from Source Code:

One of the main characteristics of FOSS is that the Source code is available for users to examine and to modify. This gives students the opportunity to learn from studying high quality real-life programmes.

In contrast, proprietary software is normally provided in binary form and the source code is never released for users to study.

The Most Popular FOSS Programs

1. GNU/Linux is #1 Server OS on the public Internet.
2. Apache httpd is the #1 Web server on the Internet.
3. Sendmail, an FOSS Program, is the leading Email server.
4. PHP is the Web's #1 Server-side Scripting Language.
5. OpenSSH is the Internet's #1 implementation of the SSH security protocol.

Source: http://www.dwheeler.com/oss_fs_why.html

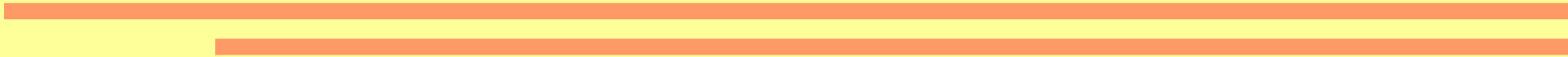
6. MySQL's market share is growing faster than Windows MS-SQL.
 7. Internet Explorer has been losing market share to FOSS based Browsers (such as Mozilla Firefox).
 8. Over 75% of all DNS domains are serviced by BIND, a popular FOSS program.
 9. Linux is the leader in terms of developer use for Embedded projects.
 10. An Evans Data Corporation survey made public in Feb '2004 found that 1.1 million developers in North America were working on FOSS Projects.
-
-

What is Freedom Software ?

- * Softwares that are given along with source code with rights to modify and redistribute them are called *Freedom Software*.
 - * Freedom Software are developed by people all over the world out of interest and enthusiasm and with no intention of making profit.
 - * These Free Softwares were generally released under the *General Public License (GPL)*.
-
-

Is FOSS Ready for
Desktop / Development

?



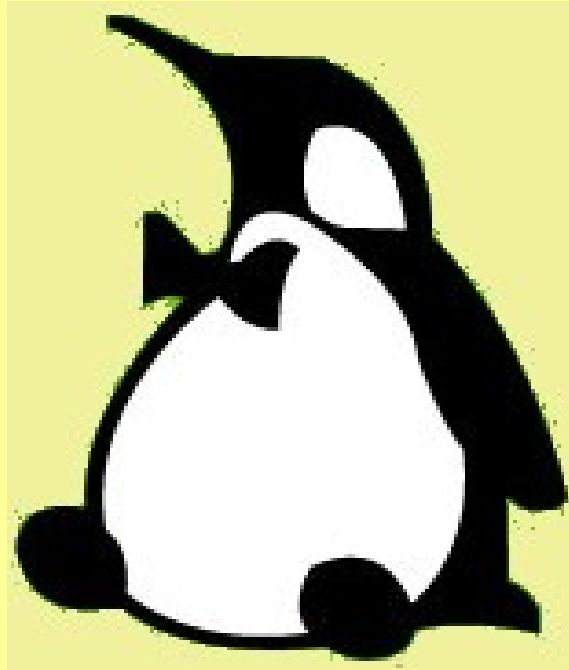
All the following Snapshots have been taken from

Fedora - 7

Fedora on the Web:

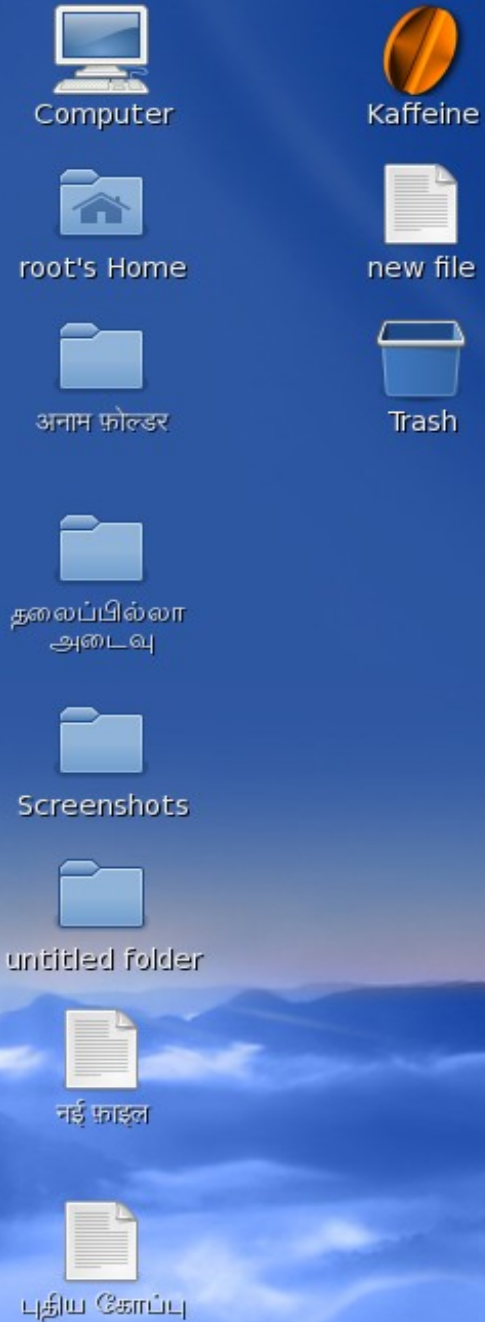
<http://www.fedoraproject.org>

<http://fedora.redhat.com>



THE LINUX DESKTOP

Linux Desktop



fedora

Menu

The image shows a Fedora Linux desktop environment with a blue background featuring hot air balloons and a crescent moon. The desktop contains several icons: 'Computer', 'new file', 'root's Home', 'Trash', 'அனாம ஫ோல்டர்', 'தலைப்பில்லா அடையவு', 'Screenshots', 'untitled folder', 'நई காஹல்', and 'புதிய கோப்பு'. The system menu is open, displaying a list of categories and their sub-items. The 'Preferences' category is expanded, showing 'Administration', 'Help', 'About GNOME', and 'About Fedora'. The 'Look and Feel' category is also expanded, showing 'Desktop Background', 'Desktop Effects', 'Font', 'Main Menu', 'Menus & Toolbars', 'Nautilus Actions Configuration', 'obmenu', 'Screensaver', 'Theme', and 'Windows'. The 'Screensaver' option is highlighted, and a tooltip reads 'Set your screensaver preferences'. The bottom panel shows the 'Applications' menu, 'Places', and system tray icons. The system tray displays the user 'root' and the time '8:58 PM'. The 'tedora' logo is visible in the bottom right corner.

Computer

new file

root's Home

Trash

அனாம ஫ோல்டர்

தலைப்பில்லா அடையவு

Screenshots

untitled folder

நई காஹல்

புதிய கோப்பு

Personal

Look and Feel

Internet and Network

Hardware

System

Emerald Theme Manager

Encryption Preferences

gTweakUI - Galeon

gTweakUI - Menus

gTweakUI - Nautilus

gTweakUI - Session

Lockdown Editor

Qt4 Config

Touchpad

Preferences

Administration

Help

About GNOME

About Fedora

Log Out root...

Suspend

Shut Down...

Desktop Background

Desktop Effects

Font

Main Menu

Menus & Toolbars

Nautilus Actions Configuration

obmenu

Screensaver

Theme

Windows

Set your screensaver preferences

tedora

Applications Places System

root 8:58 PM

Nautilus – The Explorer Window of Linux

The screenshot displays the Nautilus file browser window. The title bar reads "Screenshots - File Browser". The menu bar includes "File", "Edit", "View", "Go", "Bookmarks", and "Help". The toolbar contains icons for "Back", "Forward", "Up", "Stop", "Reload", "Home", "Computer", and "Search". The location bar shows the path "/root/Desktop/Screenshots". The left sidebar shows "Places" with "root", "Desktop", "File System", and "Documents". The main area displays 27 items in a grid view, each with a thumbnail and a filename:

- அதனந்த.png
- audacity.png
- cups printing.png
- desktop.png
- eclipse.png
- explorer.png
- explorer-tamil.png
- file-roller.png
- gambas.png
- gparted.png
- installation-languages.png
- k3b.png
- kde control center.png
- klam-av.png
- krusader.png
- menus.png
- oocalc.png
- oaimpress.png
- oowriter.png
- package manager.png
- printer-install.png
- printer-selection.png
- saace.jpg
- saving.png
- scribus.png

At the bottom, the status bar shows "27 items, Free space: 4.2 GB". The system tray includes "Applications", "Places", "System", and the current time "root 10:05 PM".

Totally 7400 Packages Readily Available in Fedora-7 Linux

Package Manager File View Help

Browse Search List

- Desktop Environments
- Applications
- Development**
- Servers
- Base System
- Languages
- Uncategorized

Development Libraries

- Development Tools
- Eclipse
- GNOME Software Development
- Java Development
- KDE Software Development
- Legacy Software Development
- Ruby
- Web Development
- X Software Development
- XFCE Software Development

Package Manager
© 2005 Red Hat, Inc.
Close

The packages in this group are core libraries needed to develop applications.

33 of 33 optional packages selected

Optional packages

Apply

Communicate with Computer in your Mother Tongue (86 Languages)

The screenshot shows a window titled "Package Manager" with a menu bar containing "File", "View", and "Help". Below the menu bar are three buttons: "Browse" (with a hand icon), "Search" (with a magnifying glass icon), and "List" (with a list icon). The main area is divided into two panes. The left pane contains a list of categories: "Desktop Environments", "Applications", "Development", "Servers", "Base System", "Languages" (highlighted in blue), and "Uncategorized". The right pane displays a list of language support packages, each with a flag icon, a checkbox, and the package name. The "Tamil Support" package is highlighted in blue. Below the list is a text box containing "Tamil Support". At the bottom right of the main area is a button labeled "Optional packages". In the bottom right corner of the window is an "Apply" button with a checkmark icon. The system tray at the bottom shows various icons, including a network icon, a volume icon, and a clock showing "8:24 AM". The user is logged in as "root".

Package Manager

File View Help

Browse Search List

Desktop Environments
Applications
Development
Servers
Base System
Languages
Uncategorized

Spanish Support
 Swati Support
 Swedish Support
 Tagalog Support
 Tamil Support
 Telugu Support
 Thai Support
 Tibetan Support
 Tonga Support
 Tsonga Support
 Tswana Support
 Turkish Support

Tamil Support

Optional packages

Apply

Applications Places System root 8:24 AM

Localized Menu (in Tamil)

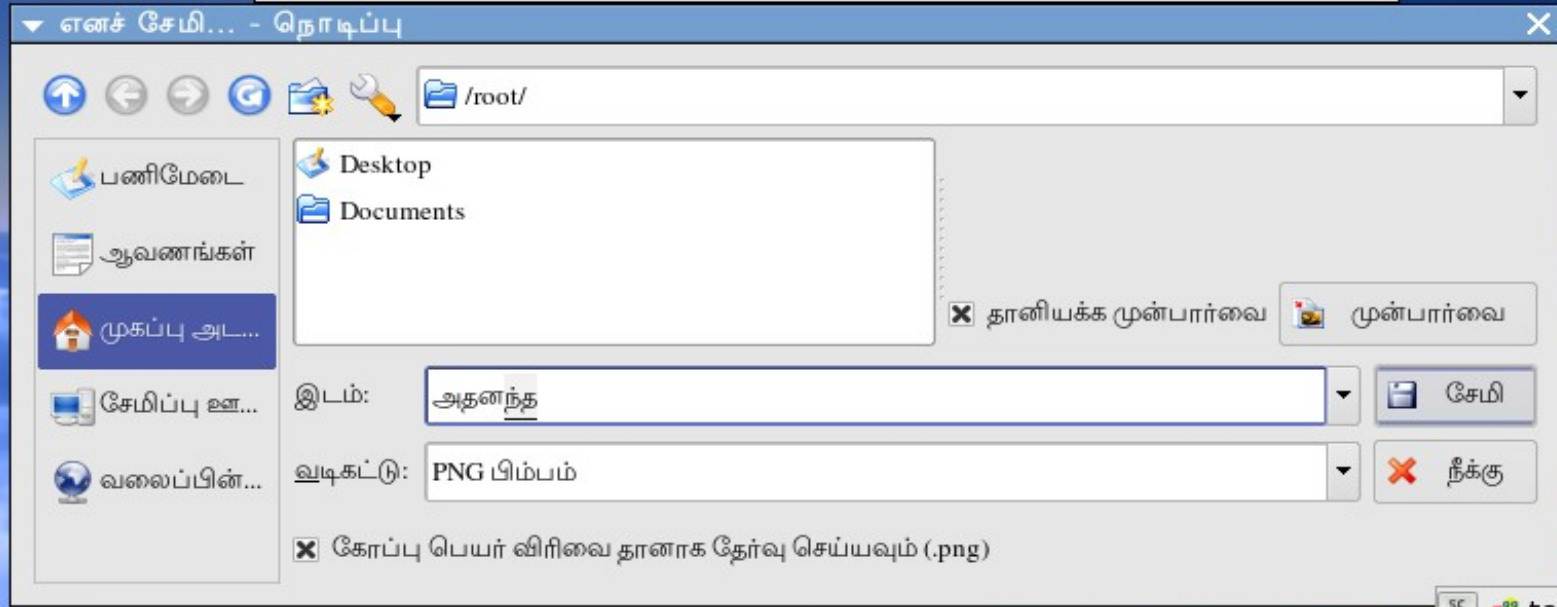
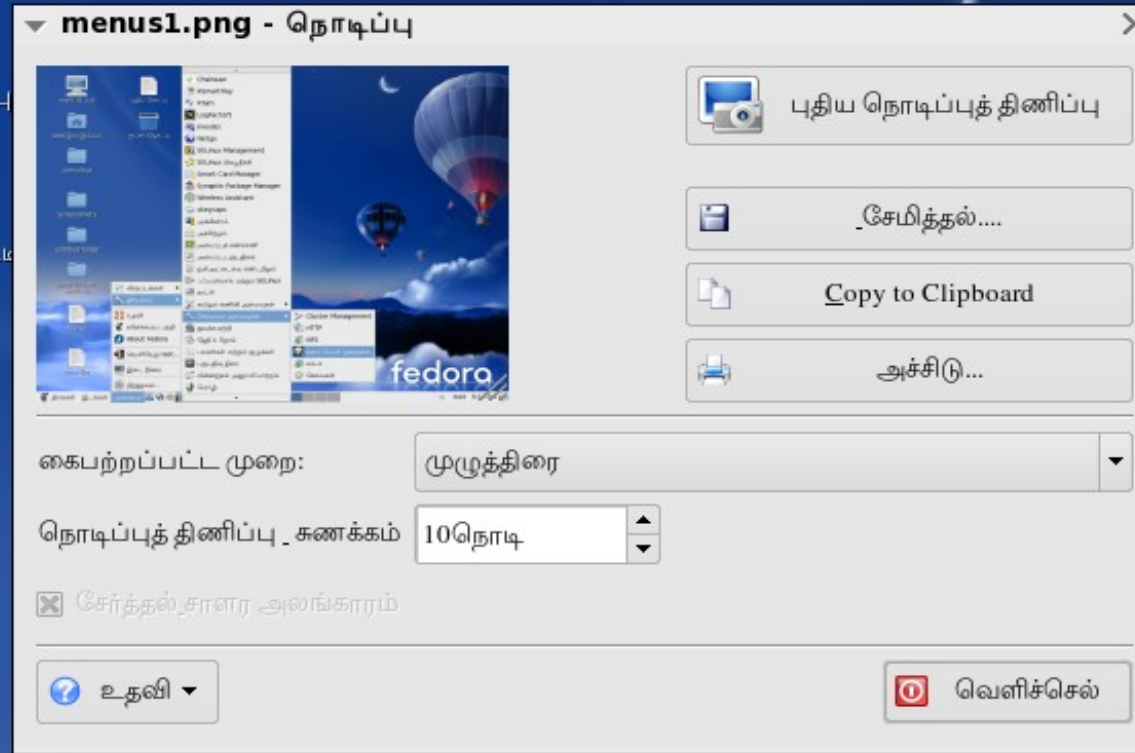
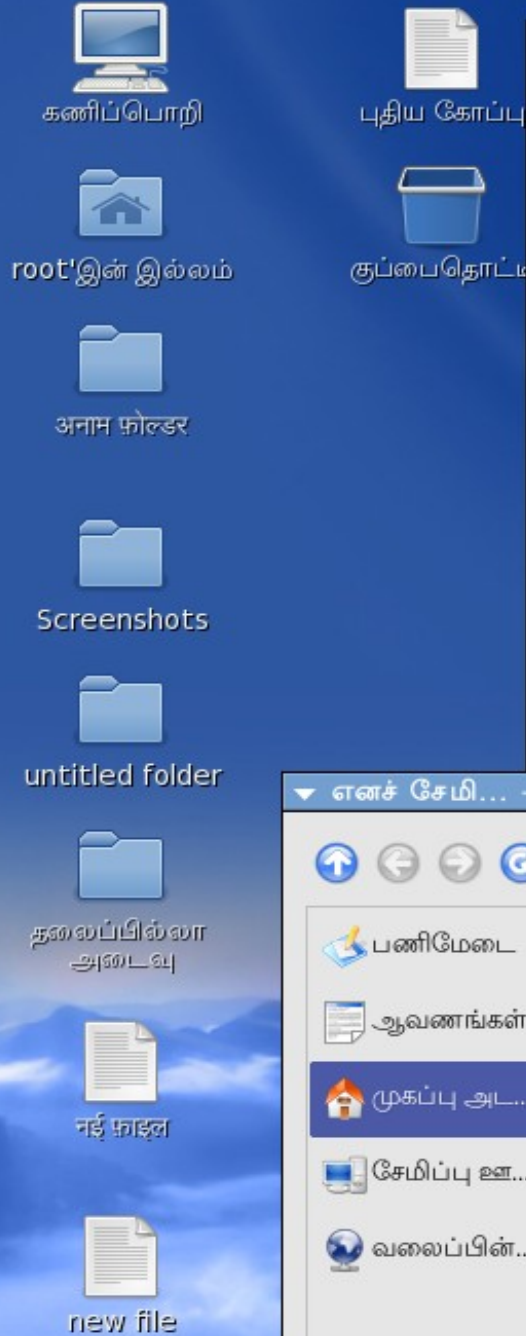


- விருப்பங்கள்
- நிர்வாகம்
- உதவி
- கனோமைப் பற்றி
- About Fedora
- வெளியேறு root...
- இடை நீக்கம்
- நிறுத்தவும்...

- Chainsaw
- KSmartTray
- KYum
- LogFactor5
- moodss
- Netgo
- SELinux Management
- SELinux பிழைநீக்கி
- Smart Card Manager
- Synaptic Package Manager
- Wireless Assistant
- xkeycaps
- அங்கீகாரம்
- அச்சிடுதல்
- அமைப்புக் கண்காணி
- அமைப்பு புகுபதிகை
- ஒலிஅட்டையை கண்டறிதல்
- ஃபயர்வால் மற்றும் SELinux
- காட்சி
- கூடுதல் கணினி அமைவுகள்
- சேவையக அமைவுகள்
- துவக்க ஏற்றி
- தேதி & நேரம்
- பயனர்கள் மற்றும் குழுக்கள்
- புகுபதிவு திரை
- மின்னஞ்சல் அனுப்பி மாற்றல்
- மொழி

- Cluster Management
- HTTP
- NFS
- களம் பெயர் முறைமை
- சம்பா
- சேவைகள்

The Desktop Icons, Panel, File Saving Dialog Box (in Tamil)



Nautilus – The Explorer Window in Tamil

Desktop - கோப்பு உலாவி

(F)கோப்பு (E)திருத்து (V)காட்சி (G)செல் புத்தககுறிகள் (B) (H)உதவி

பின் முன் அனுப்பு மேல் நிறுத்து மீளேற்று இல்லம் கணிப்பொறி தேடு

இடம்: /root/Desktop 50% பட்டியலாக காட்டு

இடங்கள்	பெயர்	அளவு	வகை	திருத்தப்பட்ட தேதி
root	▶ அனாம ஫ோல்டர்	0 உருப்படி	folder	ஞாயிறு 26 ஆகஸ்ட் 2007 07:33:48 காலை IST
மேல்மேசை	▶ Screenshots	11 உருப்படி	folder	திங்கள் 27 ஆகஸ்ட் 2007 09:09:48 மாலை IST
File System	▶ untitled folder	0 உருப்படி	folder	ஞாயிறு 26 ஆகஸ்ட் 2007 07:34:47 காலை IST
Documents	▶ தலைப்பில்லா அடைவு	0 உருப்படி	folder	ஞாயிறு 05 ஆகஸ்ட் 2007 11:40:13 மாலை IST
	நீ புதிரை	0 பைட்டுகள்	plain text document	ஞாயிறு 26 ஆகஸ்ட் 2007 07:33:43 காலை IST
	new file	0 பைட்டுகள்	plain text document	ஞாயிறு 26 ஆகஸ்ட் 2007 07:34:50 காலை IST
	saving.png	437.1 கி.பை	PNG image	திங்கள் 27 ஆகஸ்ட் 2007 09:17:52 மாலை IST
	புதிய கோப்பு	0 பைட்டுகள்	plain text document	ஞாயிறு 05 ஆகஸ்ட் 2007 11:40:16 மாலை IST

8 உருப்படி, காலி இடம்: 4.2 கிகா.பை

UNICODE – A Universal Encoding for Multi-Lingual Support

Character Map

File View Search Go Help

Sans A Bold A Italic 20

Script

- New Tai Lue
- Nko
- Ogham
- Old Italic
- Old Persian
- Oriya
- Osmanya
- Phags Pa
- Phoenician
- Runic
- Shavian
- Sinhala
- Syloti Nagri
- Syriac
- Tagalog
- Tagbanwa
- Tai Le
- Tamil**
- Telugu
- Thaana
- Thai
- Tibetan

Character Table Character Details

◌̇	◌̈́	அ	ஆ	இ	ஈ	உ	ஊ	எ	ஏ	ஐ
ஓ	ஔ	ஊ	க	ங	ச	ஐ	ஞ	ட	ண	த
ந	ன	ப	ம	ய	ர	ற	ல	ள	ழ	வ
ஶ	ஷ	ஸ	ஹ	ா	ி	ீ	ு	ூ	ெ	ே
ஐ	ொ	ோ	ெ	ஂ	ள	ஐ	க	உ	ங	ச
஠	கூ	எ	அ	கூ	ய	நா	தூ	உ	மீ	ஶ
யூ	ஷூ	ஷூ	஠	஠						

Text to copy:

U+0B82 TAMIL SIGN ANUSVARA • not used in Tamil

Applications Places System

root 10:31 PM

About Gucharmap



Gucharmap 1.10.0

GNOME Character Map
based on the Unicode Character Database

Copyright © 2004 Noah Levitt <nlevitt@columbia.edu>
Copyright © 1991-2005 Unicode, Inc.

<http://live.gnome.org/Gucharmap>

Credits License Close

Synaptic – Linux Package Manager

Synaptic
File Edit Package Settings Help

Reload Mark All Upgrades Apply Properties Search

All




- Amusements/Games
- Amusements/Graphics
- Applications/Archiving
- Applications/Communications
- Applications/Databases
- Applications/Editors
- Applications/Emulators
- Applications/Engineering
- Applications/File
- Applications/Internet
- Applications/Multimedia
- Applications/Productivity
- Applications/Publishing
- Applications/Shells
- Applications/System
- Applications/Text
- Applications/Utilities
- Desktop/Accessibility
- Development/Build Tools
- Development/Code Generators

S	Package	Installed Version	Latest Version	Description
■	a2ps	4.13b-65.fc7	4.13b-65.fc7	Converts text and other type
■	abcm2ps	5.4.0-1.fc7	5.4.0-1.fc7	A program to typeset ABC tur
■	abichk	1.2-11	1.2-11	ABI checking tool
■	abiword	1:2.4.6-5.fc7	1:2.4.6-5.fc7	The AbiWord word processor
■	acl	2.2.39-3.1.fc7	2.2.39-3.1.fc7	Access control list utilities
■	acpi	0.09-2.fc6	0.09-2.fc6	Command-line ACPI client
■	acpid	1.0.4-7.fc7	1.0.4-7.fc7	ACPI Event Daemon
■	acpitool	0.4.6-2.fc6	0.4.6-2.fc6	A command line ACPI client fo
■	aide	0.12-2.fc7	0.12-2.fc7	Intrusion detection environme
■	aircrack-ng	0.9-1.fc7		
■	airsnort	0.2.7e-11.f		

Wireless LAN (WLAN) tool which recov
AirSnort is a wireless LAN (WLAN) tool which re
AirSnort operates by passively monitoring trans
encryption key when enough packets have bee

802.11b, using the Wired Equivalent Protocol (W
security flaws. Most damning of these is the w
in the Key Scheduling Algorithm of RC4 " by Sco
Shamir. Adam Stubblefield was the first to impl
not made his software public. AirSnort, along w
about the same time as AirSnort, are the first
implementaions of this attack.

About Synaptic

synaptic 0.57.2
Package management software using apt.
Visit the home page at
<http://www.nongnu.org/synaptic/>
This software is licensed under the terms of the
GNU General Public License, Version 2
Copyright (c) 2001-2004 Connectiva S/A
Copyright (c) 2002-2004 Michael Vogt

Credits Close

2592 packages listed, 2592 installed, 105 broken. 0 to install/upgrade, 0 to remove

File Roller – The WinZip of Linux

Computer

root's Home

அனாம ஫ோல்டர்

தலைப்பில்லா அடைய

Screenshots

untitled folder

நई ஫ா஫ல

புதிய கோப்பு

gparted.png

new file

Trash

linux-2.6.19.tar.gz

Archive Edit View Help

New Open Extract Add Files Add Folder View File Stop

Back Location: /linux-2.6.19/drivers/net/e1000/

Name	Size	Type	Date Modified
e1000.h	9.8 KB	C header	30 November 2006...
e1000_ethtool.c	57.6 KB	C source c...	30 November 2006...
e1000_hw.c	313.2 KB	C source c...	30 November 2006...
e1000_hw.h	152.0 KB	C header	30 November 2006...
e1000_main.c	140.2 KB	C source c...	30 November 2006...
e1000_osdep.h	3.8 KB	C header	30 November 2006...
e1000_param.c	22.8 KB	C source c...	30 November 2006...
Makefile	1.3 KB	Makefile	30 November 2006...

About File Roller



File Roller 2.18.1

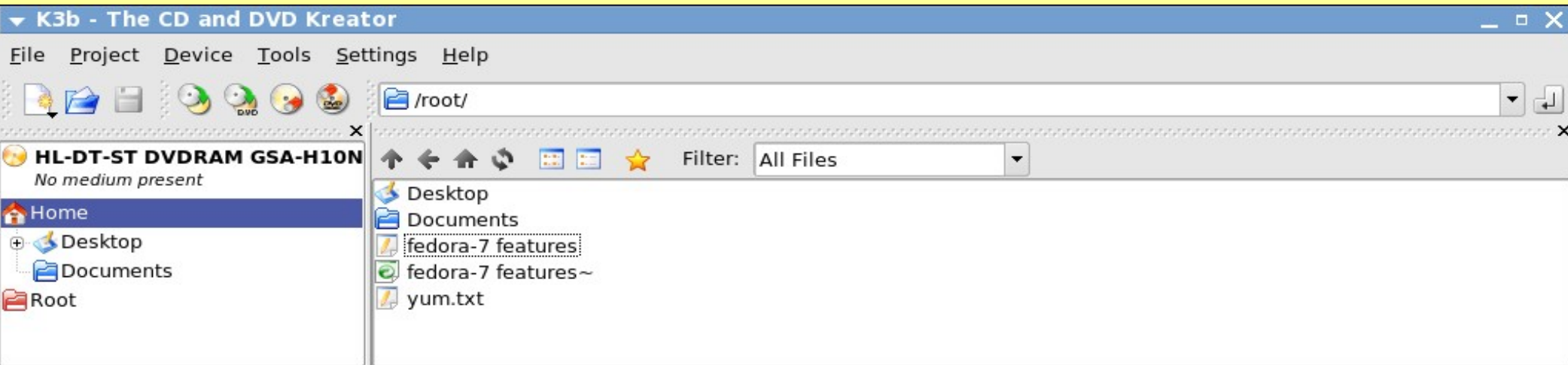
An archive manager for GNOME.

Copyright © 2001-2006 Free Software Foundation, Inc.

Credits License Close

22188 files (219.0 MB)

K3b - The CD/DVD Burning Tool in Linux



Welcome to K3b - The CD and DVD Kreator

 New Audio CD Project	 New Data CD Project	 New Data DVD Project	 Copy CD...
 New Video DVD Project	 Format DVD±RW...	 Copy DVD...	 Erase CD-RW...
 Rip Audio CD...	 New Video CD Project	 Rip Video DVD...	 Burn DVD ISO Image...
 Burn CD Image...	 New Mixed Mode CD Project	 Rip Video CD...	 New eMovix DVD Project
Further actions...			

K3b 1.0 (c) 1999 - 2007 Sebastian Trüg

K3B - Burning DVD in Linux

(43%) K3b - The CD and DVD Kreator

Writing Data DVD (kernel 2.4)

/mnt/backup/kernel/

HL-DT-ST DVD-RAM GSA-H10N
Empty DVD-R medium

Home
Desktop
Download
license
lp_server-1.1.6
Root

Quickstart DataDVD0

Burn

kernel 2.4
2.4 kernel

(43%) Writing Data DVD (kernel 2.4) - K3b

Writing Data DVD (kernel 2.4)
ISO9660 Filesystem (Size: 1.0 GB) - 2 copies

- Waiting for media...
- Writing DVD-R in incremental mode.
- Using growisofs 7.0 - Copyright (C) Andy Polyakov <appro@fy.chalmers.se>
- Starting disc write...
- Writing speed: 22713 KB/s (16.40x)

Writing Copy 1
Elapsed time: 00:01:50 h / Remaining: 00:02:21 h

Writer: HL-DT-ST DVD-RAM GSA-H10N

Estimated writing speed: 13850 KB/s (10.00x)

Software buffer: 100%

Device buffer: 97%

Cancel

1.0 GB

Available: 3.3 GB of 4.4 GB

Data DVD (188 files in 2 folders) Temp: 87.3 MB/28.4 GB K3b 1.0.3

Applications Places System root 6:59 PM

Evince – The PDF Viewer in Linux

Chapter 1. File System Structure

1. Why Share a Common Structure?

The file system structure is the most basic level of organization in an operating system. Almost all of the ways an operating system interacts with its users, applications, and security model are dependent upon the way it organizes files on storage devices. Providing a common file system structure ensures users and programs are able to access and write files.

File systems break files down into two logical categories:

- Shareable vs. unsharable files
- Variable vs. static files

Shareable files are those that can be accessed locally and by remote only available locally. *Variable* files, such as documents, can be changed. Files, such as binaries, do not change without an action from the system.

The reason for looking at files in this manner is to help correlate the file permissions assigned to the directories which hold them. The way in which a system and its users interact with a given file determines the directory in which that directory is mounted with read-only or read/write permissions, and the user has to that file. The top level of this organization is crucial. Access to the underlying direct-



KMobileTools – A Mobile Communication Tool in Linux



Computer



new file



root's Home



Trash

KMobileTools [min] [max] [close]

Calls SMS Settings Help

Mobile Phone Information

Signal Level

[0%]

Battery Level

[0%]

SMS Information

Mobile Phone Functions

[dropdown] Phonebook

Dial Answer Hangup

Browse SMS New SMS

Configure - KMobileTools [min] [max] [close]

Device

Mobile phone device

Text encoding

8859-1 [dropdown]

Port speed

115200 [dropdown]

Init string

Additional init string

Verbose output in console

Help Defaults OK Apply Cancel

KlamAV – The Anti-Virus for Linux



Computer



new file



root's Home



Trash



அனாம கொல்டர்



தலைப்பில்லா
அடைவு



Screenshots



untitled folder



நई காஹ்




புதிய கோப்பு

▼ KlamAV 0.41 (Using ClamAV 0.90.2) - KlamAV

Scan Auto-Scan Update E-Mail Protection Quarantine Virus Browser Events About

KlamAV



KlamAV Anti-Virus Manager

Home
News
Download KlamAV
Download ClamAV
Security Notes

KlamAV
(c) Robert Hogan 2004 - 2006 (hoganrobert@users.sf.net)

Translations:
Russian (c) Vitaly Lipatov 2005
German (c) Marc Hansen 2005
Brazilian Portugese (c) rfsalomon 2005
Spanish (c) Carlos A. Lozano 2005
Italian (c) anon 2005
Polish (c) Marcin Lapaj 2005
Hungarian (c) Tamas Szanto 2006
Czech (c) Tomas Klos 2005
French (c) Vincent Loison 2006

ClamAV
(c) The ClamAV team 2005

VirusDeol



Applications

Places

System



root 9:04 PM



Eye of GNOME – The Image Viewer in Linux


The screenshot shows the Eye of GNOME application window titled "saace.jpg". The menu bar includes File, Edit, View, Image, Go, and Help. The toolbar contains icons for Previous, Next, In, Out, Normal, Fit, Left, and Right. The main image area displays a presentation slide with the Linux logo and the text "Linux (The Operating System...)" and "Eye of GNOME". A man in a white shirt and khaki pants stands in front of the screen, presenting. An "About Eye of GNOME" dialog box is open, displaying the application's name and version (2.18.0.1), a description, copyright information, and a URL. The dialog box has buttons for Credits, License, and Close. The system tray at the bottom shows the date and time as "Sat Oct 6, 7:41:35 AM".

▼ saace.jpg

File Edit View Image Go Help

Previous Next In Out Normal Fit Left Right

▼ About Eye of GNOME



Eye of GNOME 2.18.0.1

The GNOME image viewing and cataloging program.

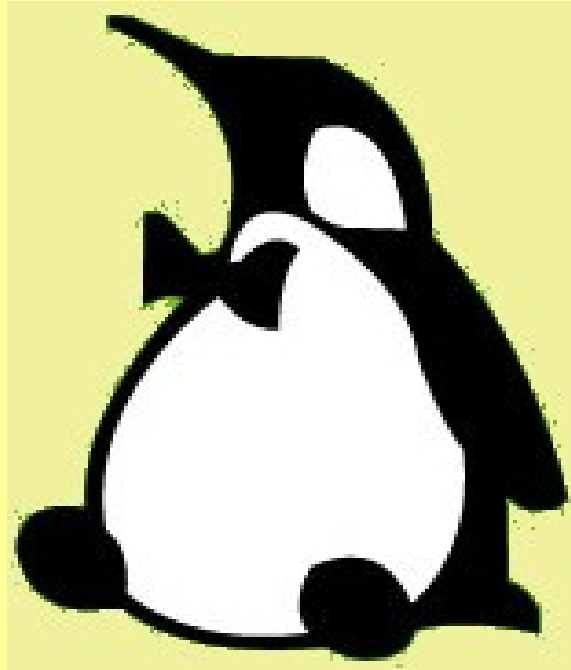
Copyright © 2000-2005 Free Software Foundation, Inc.

<http://www.gnome.org/projects/eog>

Credits License Close

1280 x 960 pixels 425.4 KB 65%

Applications Places System root Sat Oct 6, 7:41:35 AM



DEVELOPMENT TOOLS

GAMBAS – The Visual Basic of Linux

The screenshot displays the GAMBAS IDE interface. On the left, the 'Project - AnalogWatch' window shows a file tree with folders for 'Classes', 'Forms', 'Modules', and 'Data', and a file 'timer.png'. The 'FrmClock' form is selected. The main window shows the code editor for 'FrmClock.class' at 56:23, containing the following code:

```
DIM LengthSeconds AS Integer
DIM angle AS Float
DIM Hour12 AS Float
DIM Width AS Float
DIM dNow AS Date
DIM iNow AS Float

dNow = Now
SiLast = Second(dNow)

LengthSeconds = Min(Minute(dNow) * 60, 59)

'Draw.Begin(DwgArea)

w Clock circle
.FillStyle=0
.Forecolor=&HDCDD
h = CFloat(LengthSeconds)
.LineWidth=Width
.ellipse(0.05*LengthSeconds, 0.05*LengthSeconds, 0.95*LengthSeconds, 0.95*LengthSeconds)

w Seconds arm
.Forecolor=Color.Red
h = CFloat(LengthSeconds)
.LineWidth=Width
e = CFloat(Second(dNow))
ME.width/2 + LengthSeconds * Cos(angle)
ME.height/2 - LengthSeconds * Sin(angle)
.Line(ME.width/2, ME.height/2, ME.width/2 + LengthSeconds * Cos(angle), ME.height/2 - LengthSeconds * Sin(angle))

w Minutes
Draw.fillstyle = 1
Draw.Forecolor=Color.Black
Width = CFloat(LengthSeconds)
Draw.LineWidth=1
angle = CFloat(Minute(dNow) / 60 * 2 * PI)
X1 = ME.width/2
```

The 'Analog clock' window shows a graphical representation of a clock face with a black hour hand and a red minute hand. The 'About Gambas...' dialog box is open, displaying the GAMBAS logo (a blue cartoon beetle) and the following text:

Gambas
version 1.0.17
(c) Benoit MINISINI
<http://gambas.sourceforge.net>

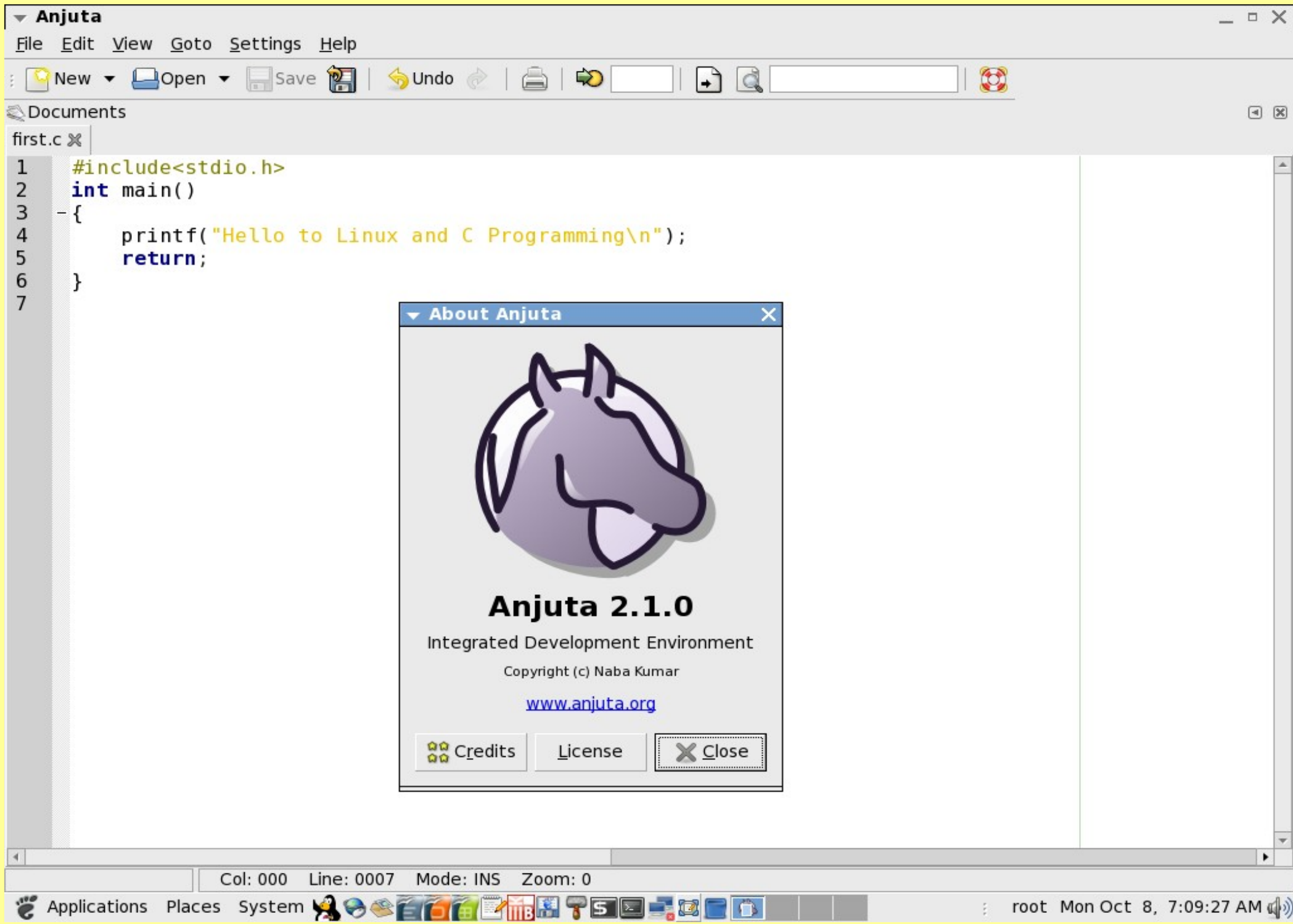
Buttons: About, Support

Gambas Almost Means Basic!

Licence

OK

ANJUTA – Development Tool for C / C++



The image shows a screenshot of the Anjuta IDE. The main window displays a C program in a file named 'first.c'. The code is as follows:

```
1 #include<stdio.h>
2 int main()
3 -{
4     printf("Hello to Linux and C Programming\n");
5     return;
6 }
7
```

An 'About Anjuta' dialog box is open in the foreground. It features a purple horse logo and the following text:

Anjuta 2.1.0
Integrated Development Environment
Copyright (c) Naba Kumar
www.anjuta.org

At the bottom of the dialog box, there are three buttons: 'Credits', 'License', and 'Close'.

The status bar at the bottom of the IDE shows: Col: 000 Line: 0007 Mode: INS Zoom: 0

The system tray at the bottom right shows the date and time: root Mon Oct 8, 7:09:27 AM

ECLIPSE – A Universal Development Tool for C / C++ / Java & More

Java - LightweightRedirector.class - Eclipse Platform

File Edit Source Refactor Navigate Search Project Run Window Help

Package ... Hierarchy

- sample
 - (default package)
 - sample.java
 - JRE System Library [java-1.6.0_17]
 - rt.jar - /usr/lib/jvm/java-1.6.0_17
 - gnu.awt
 - LightweightRedirector.class
 - gnu.awt.j2d
 - gnu.classpath
 - gnu.classpath.debug
 - gnu.classpath.jdwp
 - gnu.classpath.jdwp.ev
 - gnu.classpath.jdwp.ev
 - gnu.classpath.jdwp.ev
 - gnu.classpath.jdwp.id
 - gnu.classpath.jdwp.pr
 - gnu.classpath.jdwp.tr
 - gnu.classpath.jdwp.ut
 - gnu.CORBA
 - gnu.CORBA.CDR
 - gnu.CORBA.DynAn
 - gnu.CORBA.GIOP

sample.java LightweightRedirector.class

```
/* Copyright (C) 2000 Free Software Foundation.

package gnu.awt;

import java.awt.AWTEvent;
import java.awt.AWTError;
import java.awt.Component;
import java.awt.Container;
import java.awt.event.MouseEvent;
import java.awt.event.InputEvent;

/**
 * Encapsulates the logic required to dispatch events to the co
 * component in a component tree that may contain lightweight
 * components. Toolkits typically only identify heavyweight com
 * as the
 * appropr
 */
public class LightweightRedirector {
    final static

    /* We sa
    match
    Componen
```

Outline

- LightweightRedirector
 - LightweightRedirector
 - LAST_BUTTON_NUM
 - releaseTargets : Co
 - redirect(AWTEvent
 - redirectMouse(Mo
 - getButtonNumber

Problems

0 errors, 0 warn

Description

About Eclipse Platform

Eclipse Platform

Version: 3.2.0
Build id: M20070212-1330 (Fedora release 6.93 (Rawhide))

(c) Copyright Eclipse contributors and others 2000, 2006. All rights reserved.
Visit <http://www.eclipse.org/platform>

This product includes software developed by the
Apache Software Foundation <http://www.apache.org/>

Feature Details Plug-in Details Configuration Details OK

KDevelop – Another Popular IDE for Many Programming Languages



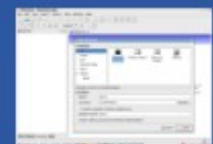
Computer



root's Home



Screenshots



mono-c#.png



mono-java.png



mono-vbdotnet.png



Trash



kdevelop-c-prog.png

Loading: Application Wizard Version 3.3.6



The image shows the KDevelop Application Wizard interface. It features a green background with a whiteboard and three 3D blocks. The text 'KDevelop' is prominently displayed in a large, bold font, with 'Published under GNU Licences' underneath it. At the bottom, it says 'KDE DEVELOPMENT ENVIRONMENT'. A gear icon with a play button is on the left.

fedora

KDevelop – C Programming

The screenshot shows the KDevelop IDE interface. The main editor window displays the source code for a C program named `hello.c`. The code includes standard headers and a `main` function that prints "Hello, world!". A terminal window titled `/bin/sh - Konsole` is open, showing the output of the program: "Hello, world!" followed by "Press Enter to continue!". The terminal window also shows the command used to run the program: `konsole --workdir /root/hello/debug/src -e /bin/sh -c './hello ; echo "Press Enter to continue!";read dummy'`. The IDE's status bar at the bottom indicates the current cursor position: "Line: 16 Col: 1 INS NORM".

```
#ifdef HAVE_CONFIG_H
#include <config.h>
#endif

#include <stdio.h>
#include <stdlib.h>

int main(int argc, char *argv[])
{
    printf("Hello, world!\n");

    return EXIT_SUCCESS;
}
```

`/bin/sh - Konsole`

Session Edit View Bookmarks Settings Help

Hello, world!
Press Enter to continue!

konsole --workdir /root/hello/debug/src -e /bin/sh -c './hello ; echo "Press Enter to continue!";read dummy'

ScimInputContextPlugin()
~ScimInputContextPlugin()
ScimInputContextPlugin()

Application Diff Messages Valgrind Find in Files Replace Konsole Security Problems Breakpoints CTags Problems

Line: 16 Col: 1 INS NORM

Applications Places System root 7:11 AM

KDevelop – C++ Programming

The screenshot displays the KDevelop IDE interface. The main editor window shows the source code for `simplecpp.cpp`. The code includes standard headers and uses the `std` namespace to print "Hello, world!". A terminal window titled `/bin/sh - Konsole` is open, showing the output of the program: "Hello, world!" followed by "Press Enter to continue!". The terminal window also shows the command used to run the program: `konsole --workdir /root/simplecpp/debug/src -e /bin/sh -c './simplecpp ; echo "Press Enter to continue!";read dummy'`. The IDE's status bar at the bottom indicates the current cursor position: "Line: 18 Col: 1 INS NORM".

```
#ifdef HAVE_CONFIG_H
#include <config.h>
#endif

#include <iostream>
#include <cstdlib>

using namespace std;

int main(int argc, char *argv[])
{
    cout << "Hello, world!" << endl;

    return EXIT_SUCCESS;
}
```

```
/bin/sh - Konsole
Session Edit View Bookmarks
Settings Help
Hello, world!
Press Enter to continue!

```

```
konsole --workdir /root/simplecpp/debug/src -e /bin/sh -c './simplecpp ; echo "Press Enter to continue!";read dummy'
ScimInputContextPlugin()
~ScimInputContextPlugin()
ScimInputContextPlugin()
```

Line: 18 Col: 1 INS NORM

Qt Designer – Visual Programming using C++ in Linux

The screenshot displays the Qt Designer application window titled "Qt Designer by Trolltech - [Form1]". The main canvas shows a dialog box with a green background, the Qt logo, and the text "Qt Designer" and "TROLLTECH". Below the logo, it says "Version 3.3.8" and "Copyright (C) 2000-2007 Trolltech ASA. All Rights Reserved." There are two paragraphs of license information and a disclaimer at the bottom. An "OK" button is visible at the bottom center of the dialog.

Qt Designer by Trolltech - [Form1]

File Edit Project Search Tools Layout Preview Window Help

<No Project>

Qt Designer

Common Wid...
✓ CheckBox
ButtonGroup
ListBox
LineEdit
SpinBox
TextEdit
ComboBox
TextLabel
Spacer

Buttons
Containers
Views
Database
Input
Display
Display (KDE)
Buttons (KDE)
Input (KDE)
Views (KDE)
Container (KDE)
Graphics (KDE)
Input (KDE-PIM)
Custom Widgets

Ready

Qt Designer
Version 3.3.8
Copyright (C) 2000-2007 Trolltech ASA. All Rights Reserved.
Qt Commercial Edition license holders: This program is licensed to you under the terms of the Qt Commercial License Agreement. For details, see the file LICENSE that came with this software distribution.
Qt Open Source Edition users: This program is licensed to you under the terms of the GNU General Public License Version 2. For details, see the file LICENSE.GPL that came with this software distribution.
The program is provided AS IS with NO WARRANTY OF ANY KIND, INCLUDING THE WARRANTY OF DESIGN, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

OK

<No Project>
Form1: unnamed1.ui
unnamed1.ui.h

Objects Members

Name	Class
Form1	QDialog
radioBu...	QRadioButton
buttonG...	QButtonGroup
listBox1	QListBox
lineEdit1	QLineEdit
spinBox1	QSpinBox

Properties Signal Handlers

Property	Value
name	Form1
enabled	True
sizePolicy	Preferred/P...
minimumSize	[0, 0]
maximumSize	[32767, 3...
sizeIncrement	[0, 0]

Applications Places System root 6:54 AM

Qt Designer – Creating Graphical User Interfaces using Qt Tools

The image shows the Qt Designer application window titled "Qt Designer by Trolltech - [Form1]". The interface includes a menu bar (File, Edit, Project, Search, Tools, Layout, Preview, Window, Help), a toolbar with icons for file operations and design tools, and a central canvas with a grid background. On the left, there are two widget palettes: "Common Wid..." and "Buttons". The central canvas contains several widgets: a button labeled "pushButton1", a radio button labeled "radioButton1", a checkbox labeled "checkBox1", a button group labeled "buttonGroup1", a text label labeled "textLabel1" with the value "0", and a "New Item" dialog box. On the right, there are three panels: a Project Explorer showing a tree view with "<No Project>", "Form1: unnamed1.ui", and "unnamed1.ui.h"; an Objects/Members table; and a Properties/Signal Handlers table.

Project Explorer:

- <No Project>
- Form1: unnamed1.ui
- unnamed1.ui.h

Objects/Members Table:

Name	Class
Form1	QDialog
radioBu...	QRadioButton
buttonG...	QPushButton
listBox1	QListBox
lineEdit1	QLineEdit
spinBox1	QSpinBox

Properties/Signal Handlers Table:

Property	Value
name	Form1
enabled	True
sizePolicy	Preferred/P...
minimumSize	[0, 0]
maximumSize	[32767, 3...
sizeIncrement	[0, 0]

Ready

Applications Places System root 6:54 AM

Qt Assistant – Extensive Documentation available as On-line Help

Qt Assistant - Qt's Main Classes

File Edit View Go Bookmarks Help

Contents Index Bookmarks Search

- Qt Reference Documentation
- Guide to the Qt Translation Tools
- Qt Assistant Manual
 - Introduction
 - Introduction to the Qt Reference Doc...
 - The 1 Minute Guide to Using Qt Assi...
 - Qt Assistant in More Detail
 - Full Text Searching
 - Customizing Qt Assistant
- Qt Designer Manual
 - Preface
 - Quick Start
 - Creating a Main Window Application**
 - Creating Dialogs
 - The Designer Approach
 - Subclassing and Dynamic Dialogs
 - Creating Custom Widgets
 - Creating Database Applications
 - Customizing and Integrating Qt Desi...
 - Reference: Key Bindings
 - Reference: Menu Options
 - Reference: Toolbar Buttons
 - Reference: Dialogs
 - Reference: Wizards
 - Reference: Windows
 - Reference: The .ui File Format
- qmake User Guide

Qt's Main Cla...

Home | All Classes | Main Classes | Annotated | Grouped Classes | Functions

Qt's Main Classes

These are the most frequently used Qt classes. For the complete list (including XML, networking and container classes), see [Qt's Classes](#).

A	QAction	QFileDialog	QMessageBox	QSlider
	QApplication	QFont	QMovie	QSound
B	QButtonGroup	QFontDialog	N	QNetworkProtocol
C	QCanvas	G	O	QObject
	QCheckBox	QGLWidget	P	QPainter
	QClipboard	QGridLayout		QPalette
	QColorDialog	QGroupBox		QSql
	QComboBox	QGuardedPtr		QSqlDatabase
D	QDataBrowser	H		QSqlDriverPlugin
	QDataTable	I		QSqlForm
	QDataView	QIconSet		QSqlQuery
	QDate	QIconView		QStatusBar
	QDateEdit	QImage		QString
	QDateTime	QInputDialog		QStringList
	QDateTimeEdit	L		T
	QDial	QLabel		QTabDialog
	QDialog	QLCDNumber		QTable
	QDialog	QLibrary		QTableWidgetItem
	QDict	QLineEdit	R	QTextBrowser
		QListBox		QTextEdit
		QListView		
		QRegExp		

Applications Places System root 6:56 AM

MonoDevelop – Free .NET Development Environment for Linux

The screenshot displays the MonoDevelop IDE interface. The title bar reads "Welcome - MonoDevelop". The menu bar includes "File", "Edit", "View", "Search", "Project", "Tools", "Window", and "Help". The toolbar contains various icons for file operations like opening, saving, and printing. Below the toolbar is a "Solution" pane on the left, which is currently empty. The main workspace shows a "Welcome" page with the "monodevelop" logo in a rounded rectangle. The page content includes:

- Free .Net Development Environment**
- Common Actions**
 - ◆ [Start a New Project](#)
 - ◆ [Open a Project / File](#)
- Recent Projects**

Project	Last Modified
vbnet	3 minutes
sample	5 minutes
demo	21 minutes
- Support Links**
 - ◆ [MonoDevelop Home Page](#)
 - ◆ [Mono Project Home Page](#)
- Development Links**
 - ◆ [Mono Documentation Library](#) - Online documentation for Mono libraries.
 - ◆ [MSDN Class Library Reference](#) - Documentation for Microsoft's implementation of the .NET framework.
 - ◆ [The Code Project](#) - A popular site for .NET articles, code snippets, and discussions.

At the bottom, the system tray shows "Applications", "Places", "System", and a terminal window with "root 7:22 AM".

MonoDevelop – C# Programming

The screenshot displays the MonoDevelop IDE interface. The top menu bar includes File, Edit, View, Search, Project, Tools, Window, and Help. The toolbar contains icons for file operations and development tools. The Solution Explorer on the left shows a project named 'csharp' with files like AssemblyInfo.cs and Main.cs. The central code editor shows the following C# code:

```
1 // project created on 8/28/2007 at 7:23 AM
2 using System;
3
4 namespace csharp
5 {
6     class MainClass
7     {
8         public static void Main()
9         {
10             Console.WriteLine("Hello World!");
11         }
12     }
13 }
```

The Application Output window at the bottom shows the output: "Hello World!". An "About MonoDevelop" dialog box is open, displaying the following information:

monodevelop
Free GNOME Development Environment

Ported and developed by:
Todd Berman
Pedro Abelleira Seco
John Luke
Daniel Kornhauser
Alex Graveley

Buttons: About MonoDevelop, Version Info

Version
0.13

License
Released under the GNU General Public license.

Copyright
(c) 2000-2003 by icsharpcode.net
(c) 2004-2005 by MonoDevelop contributors

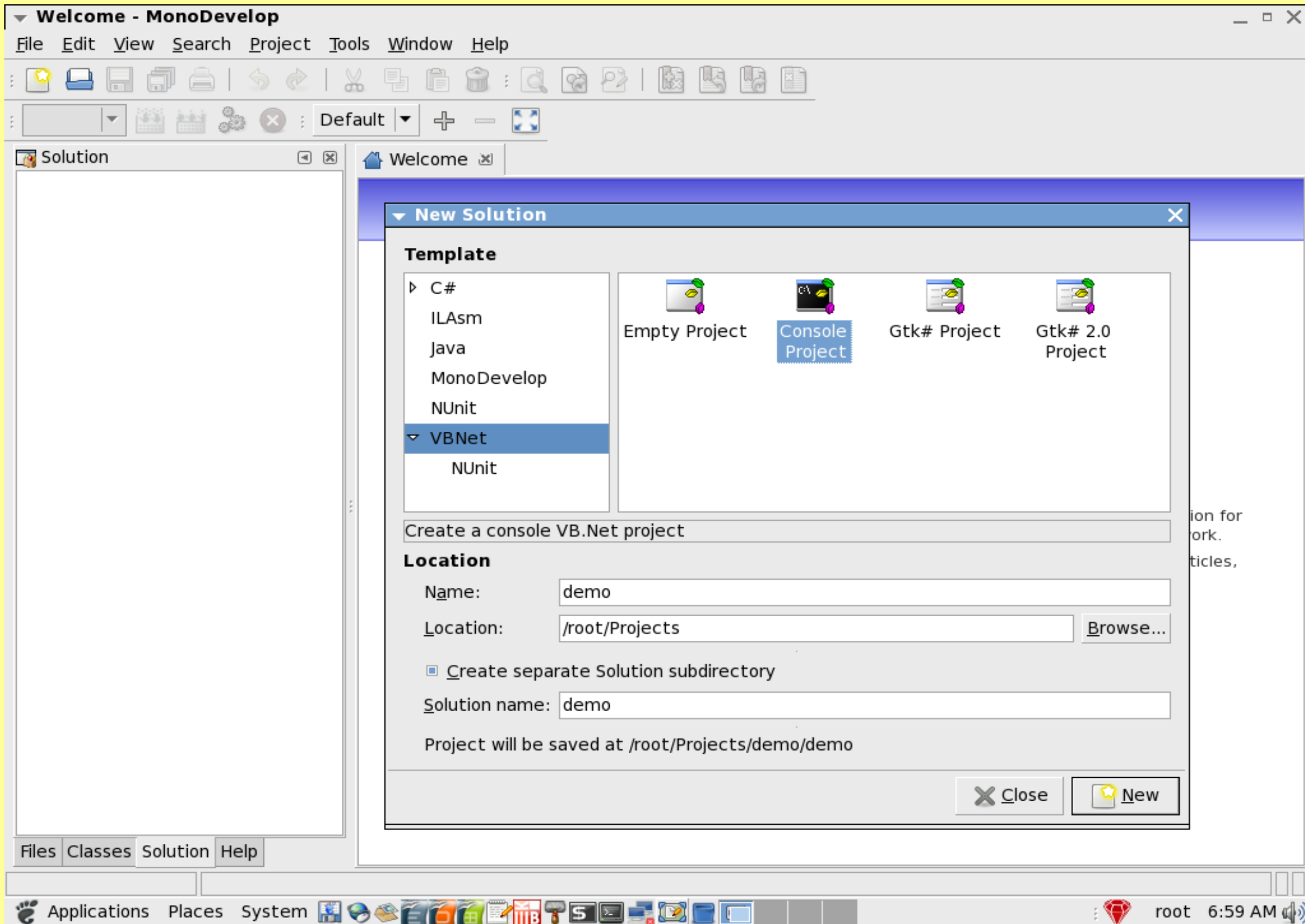
Close

Build Output Application Output

Build successful.

Applications Places System root 7:24 AM

MonoDevelop – VB .NET Programming



Umbrello – A UML Modelling Tool in Linux

The screenshot displays the Umbrello UML Modeller application window. The title bar reads "Untitled [modified] - Umbrello". The menu bar includes "File", "Edit", "Diagram", "Code", "Settings", and "Help". The toolbar contains various icons for file operations, editing, and navigation.

The main workspace shows a UML diagram with the following elements:

- new_class**: A class box with a public method `+ new_operation()`.
- new_package**: A package box.
- «interface» new_interface**: An interface box with a dashed red arrow pointing to `new_class`.
- «enum» new_enum**: An enumeration box with a dashed red arrow pointing to `new_package`.
- «datatype» new_datatype**: A datatype box.
- An empty yellow note box is also present.

The left sidebar, titled "UML Model", shows a project tree with the following structure:

- new_operatio...
- new_class_1
- new_interface
- new_package
- new_datatype
- Datatypes
 - bool
 - bool
 - bool
 - char
 - double
 - float
 - int
 - long
 - short
 - string
 - unsigned int
 - unsigned long
 - unsigned short

An "About Umbrello UML Modeller" dialog box is open in the foreground. It features the Umbrello logo and the text: "Umbrello UML Modeller 1.5.6 (Using KDE 3.5.6-9.fc7 Fedora)". The dialog has tabs for "About", "Authors", and "License Agreement". The "About" tab is active, displaying the following information:

Umbrello UML Modeller
(c) 2001 Paul Hensgen, (c) 2002-2006 Umbrello UML Modeller Authors
<http://uml.sf.net/>

The dialog box has a "Close" button at the bottom right.

Ready.

Umbrello – UML Modeller Handbook

Umbrello UML Modeller Handbook - KDE Help Center

File Edit View Go Settings Help

Umbrello UML Modeller Handbook

Next

Umbrello UML Modeller Handbook

Umbrello UML Modeller Authors

Revision 1.2 (2003-10-15)
Copyright © 2001 Paul Hensgen
Copyright © 2002, 2003 Umbrello UML Modeller Authors

Umbrello UML Modeller helps the software development process by using the industry standard Unified Modelling Language (UML) to enable you to create diagrams for designing and documenting your systems.

Table of Contents

1. Introduction
2. UML Basics
 - About UML
 - UML Elements
 - Use Case Diagram
 - Class Diagram
 - Sequence Diagrams
 - Collaboration Diagrams
 - State Diagram
 - Activity Diagram
 - Helper Elements

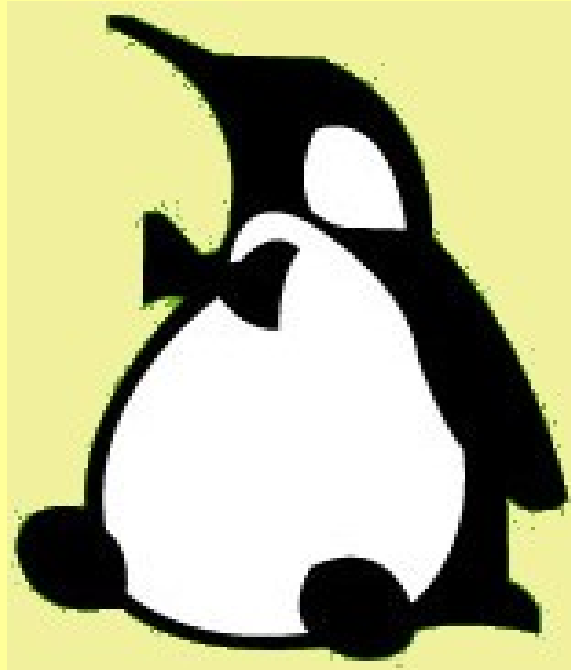
Applications Places System root Sun Oct 7, 8:20:22 PM

GDB - GNU Debugger (The Open Source Debugger in Linux)

```
Default - root@internet:~/test
File Edit View Terminal Tabs Help
[root@internet test]# ll
total 4
-rw-r--r-- 1 root root 87 2007-10-18 10:55 mybin.c
[root@internet test]# cat mybin.c
#include<stdio.h>
int main(int argc, char** argv) {
    printf("test");
    return 0;
}

[root@internet test]# gcc -g mybin.c -o mybin
[root@internet test]# gdb
GNU gdb Red Hat Linux (6.6-8.fc7rh)
Copyright (C) 2006 Free Software Foundation, Inc.
GDB is free software, covered by the GNU General Public License, and you are
welcome to change it and/or distribute copies of it under certain conditions.
Type "show copying" to see the conditions.
There is absolutely no warranty for GDB.  Type "show warranty" for details.
This GDB was configured as "i386-redhat-linux-gnu".
(gdb) file mybin
Reading symbols from /root/test/mybin...done.
Using host libthread_db library "/lib/libthread_db.so.1".
(gdb) break 1
Breakpoint 1 at 0x80483a4: file mybin.c, line 1.
(gdb) run
Starting program: /root/test/mybin

Breakpoint 1, main () at mybin.c:2
2      int main(int argc, char** argv) {
(gdb) next
main () at mybin.c:3
3      printf("test");
(gdb) next
4      return 0;
(gdb) next
5      }
(gdb) next
0x43152f70 in __libc_start_main () from /lib/libc.so.6
(gdb) □
```



OPEN SOURCE DATABASES & WEB DEVELOPMENT TOOLS

MySQL Database (The Most Popular RDBMS in Linux)

```
Terminal - root@baskar:~
File Edit View Terminal Go Help
[root@baskar ~]# mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 5
Server version: 5.0.37 Source distribution

Type 'help;' or '\h' for help. Type '\c' to clear the buffer.

mysql> show databases;
+-----+
| Database                |
+-----+
| information_schema      |
| mysql                   |
| test                    |
| wikidb                  |
+-----+
4 rows in set (0.00 sec)

mysql> use wikidb;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> █
```

PhpMyAdmin – A Web Based Admin Tool for MySQL Database

The screenshot shows the phpMyAdmin 2.10.0.2 web interface. The browser window title is "localhost / localhost | phpMyAdmin 2.10.0.2 - Mozilla Firefox". The address bar shows "http://localhost/phpMyAdmin/index.php". The interface is divided into several sections:

- Navigation Bar:** Includes icons for Home, Exit, SQL, and other functions.
- Database Selection:** A dropdown menu shows "mysql (17)".
- Database List:** A list of databases including "columns_priv", "db", "func", "help_category", "help_keyword", "help_relation", "help_topic", "host", "proc", "procs_priv", "tables_priv", "time_zone", "time_zone_leap_second", "time_zone_name", "time_zone_transition", "time_zone_transition_type", and "user".
- localhost Section:** Displays server information:
 - Server version: 5.0.37
 - Protocol version: 10
 - Server: Localhost via UNIX socket
 - User: root@localhost
 - MySQL charset: **UTF-8 Unicode (utf8)**
 - MySQL connection collation: **utf8_unicode_ci**
 - Create new database** form with a "Collation" dropdown and a "Create" button.
 - Links for "Show MySQL runtime information", "Show MySQL system variables", "Processes", "Character Sets and Collations", "Storage Engines", "Reload privileges", "Privileges", and "Databases".
- phpMyAdmin - 2.10.0.2 Section:** Displays client and configuration information:
 - MySQL client version: 5.0.37
 - Used PHP extensions: mysql
 - Language: **English**
 - Theme / Style: **Original**
 - Font size: **100%**
 - Links for "phpMyAdmin documentation", "phpMyAdmin wiki", and "Official phpMyAdmin Homepage".
 - Links for "[ChangeLog]", "[Subversion]", and "[Lists]".

The bottom of the browser window shows the status bar with "Done" and the system tray with "Applications", "Places", "System", and the user "root" at "6:36 AM".

PostgreSQL / PgAdmin – Another Popular RDBMS in Linux

The screenshot displays the pgAdmin III application window. The title bar reads "pgAdmin III". The menu bar includes "File", "Edit", "View", "Tools", and "Help". The toolbar contains various icons for database management tasks. The "Object browser" on the left shows "Servers (0)". The main area has tabs for "Properties", "Statistics", "Dependencies", and "Dependents", with "Properties" selected. The "Properties" pane displays the message: "No properties are available for the current selection". A splash screen is overlaid on the main area, featuring an elephant and the text "pgAdmin PostgreSQL Tools". The splash screen also includes the following information: "Version 1.6.3 (Apr 4 2007, rev: 6115)", "Copyright 2002 - 2007 The pgAdmin Development Team", and "This software is released under the Artistic License." The "SQL pane" at the bottom is empty. The status bar at the bottom left shows "Connecting to database... Failed." and the bottom right shows "0.04 secs". The system tray at the very bottom includes the Ubuntu logo, "Applications", "Places", "System", and the system clock showing "root 6:28 AM".

BlueFish – A Web Development Studio for Web Designers

index.php - Bluefish 1.0.7

File Edit View Tags Dialogs Document Go Project External Help

Quick bar Standard bar Fonts Tables Frames Forms List CSS


Custom menu C Apache DHTML DocBook HTML PHP+HTML PHP SQL Replace

/var/www/html/wiki/

- Documents
- workspace
- var
 - www
 - html
 - wiki
 - images
- LocalSettings.php
- demo
- fedora-7 features
- hello.c
- index.php
- yum.txt

```
1 <?php
2
3 $DIR=getcwd();
4 chdir('/usr/share/mediawiki');
5
6 # Initialise common code
7 require_once( './includes/WebStart.php' );
8
9 # Initialize MediaWiki base class
10 require_once( "includes/Wiki.php" );
11 $mediaWiki = new MediaWiki();
12
13 wfProfileIn( 'main-misc-setup' );
14 OutputPage::setEncodings(); # Not really
15
16 # Query string fields
17 $action = $wgRequest->getVal( 'action', '' );
18 $title = $wgRequest->getVal( 'title' );
19
20 $wgTitle = $mediaWiki->checkInitialQueries
21 if ( $wgTitle == NULL ) {
22     unset( $wgTitle );
23 }
24
25 #
26 # Send Ajax requests to the Ajax dispatcher
27 #
28 if ( $wgUseAjax && $action == 'ajax' ) {
29     require_once( #IP - './includes/AjaxDispatcher.php' );
```

About Bluefish



bluefish
web development studio

1.0.7

Info Authors Translators

Bluefish is an editor for experienced web designers and programmers. It supports many programming and markup languages, but focuses on editing dynamic and interactive websites. Bluefish is an open source development project, released under the GPL license.

For more information, visit the Bluefish Website at <http://bluefish.openoffice.nl/>

This version of bluefish was compiled with the

Close

Untitled 0 x index.php x

Ln: 11, Col: 30

INS php, UTF-8

root 10:28 PM

A Web based Application developed using MySQL and PHP

Report Generation

File Edit View Go Bookmarks Tabs Help

Back Forward Stop Reload Home History Bookmarks Find

http://192.168.1.4/college/report.php

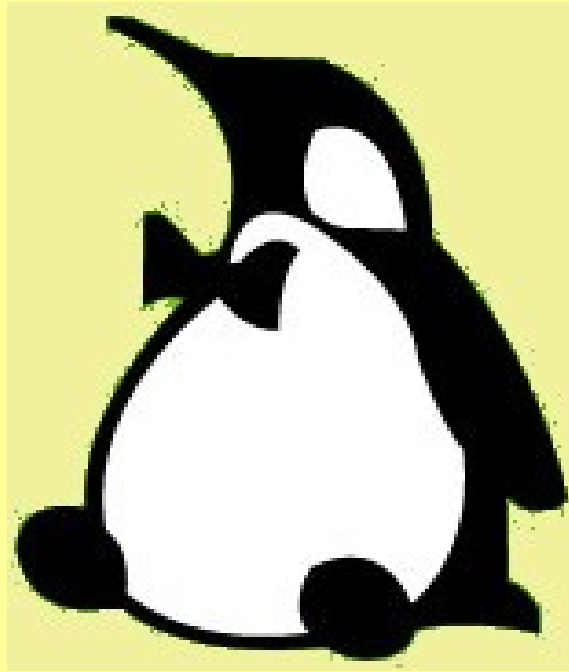
LinuXpert Systems

Entry Schedule Year List Minority List Search

Type	Engineering College	Year	1998	Start Year	--Select--	End Year	--Select--	Show	
S.No	Ccode	College Name	District	Year	CS	IT	MScIT	MCA	BCA
1	EC203	Aarupadai Veedu Institute of Technology	Kancheepuram	1998	✓	*	*	*	*
2	EC207	Annai Terasa College of Engineering	Villupuram	1998	*	✓	*	*	*
3	EC214	C. Abdul Hakkeem College of Engineering and Technology	Vellore	1998	✓	✓	*	*	*
4	EC220	Dr. Pauls Engineering College	Villupuram	1998	✓	*	*	*	*
5	EC227	I.F.E.T. College of Engineering	Villupuram	1998	✓	✓	*	*	*
6	EC233	Kalsar College of Engineering	Kancheepuram	1998	✓	*	*	*	*
7	EC241	Madha Engineering College	Kancheepuram	1998	✓	✓	*	*	*
8	EC243	Mailam Engineering College	Villupuram	1998	✓	✓	*	*	*
9	EC249	KCG College of Technology	Kancheepuram	1998	✓	✓	*	*	*
10	EC266	S.A. Engineering College	Tiruvallur	1998	✓	✓	*	*	*
11	EC293	Tagore Engineering College	Kancheepuram	1998	✓	✓	*	*	*
12	EC296	Thiruvalluvar College of Engineering and Technology	Tiruvannamalai	1998	✓	✓	*	*	*
13	EC403	Jayam College of Engineering and Technology	Dharmapuri	1998	✓	✓	*	*	*
14	EC410	S.S.M. College of Engineering	Namakal	1998	✓	✓	*	*	*
15	EC506	C.S.I. College of Engineering	Nilgris	1998	✓	✓	*	*	*
16	EC508	Dr. Mahalingam College of Engineering and Technology	Coimbatore	1998	✓	✓	*	*	*
17	EC520	Sri Krishna College of Engineering and Technology	Coimbatore	1998	✓	✓	*	*	*
18	EC612	M.I.E.T. Engineering College	Trichy	1998	✓	✓	*	*	*
19	EC614	M.A.M. College of Engineering	Trichy	1998	✓	✓	*	*	*
20	EC617	Oxford Engineering College	Trichy	1998	✓	✓	*	*	*
21	EC619	Paventhar Bharathidasan College of Engineering and Technology	Trichy	1998	✓	✓	*	*	*

Done.

Epipi 01:42



FREE SOFTWARES FOR

FREE KNOWLEDGE & e-LEARNING

MediaWiki – An Excellent Collaboration Tool for Knowledge Sharing



page discussion view source history



30,879 have donated.

You can help Wikipedia change the world!

» Donate now!

From the fundraising blog – Why Wikipedia Matters

"Still and always a treasure of the Internet." – Robert Gore

Welcome to MediaWiki.org

MediaWiki is a free software wiki package originally written for Wikipedia. It is now used by several other projects of the non-profit Wikimedia Foundation and by many other wikis, including this very website, the home of MediaWiki.

Download MediaWiki right away, or use the links below to explore the basic site contents. You'll find some content translated into other languages, but the primary reference language for the whole site is English. Please read more about this site.

For general questions dealing with the software see the recommended possibilities of communication and maybe our support desk. If you have a suggestion dealing with this wiki, please visit the corresponding discussion page.

About this site | About MediaWiki | Download | Help & Support

- site
- Main page
 - Browse categories
 - Community portal
 - Recent changes

- download
- MediaWiki
 - Extensions

- support
- User help
 - Technical manual
 - FAQ
 - Support desk

- development
- Bug tracker
 - Browse SVN
 - Download from SVN
 - Code documentation

Users

- What is a wiki?
- Navigation

System Administrators

- Installing/Upgrading
- Configuring

Developers

- Submitting a patch
- SVN commit access

Wikipedia – Free Web Encyclopedia (9.1 mn Articles, 252 Languages)

Main Page - Wikipedia, the free encyclopedia - Mozilla Firefox

File Edit View History Bookmarks Tools Help


W http://en.wikipedia.org/wiki/Main_Page

Release Notes Fedora Project Red Hat Free Content

Sign in / create account

main page discussion view source history

• Have questions? Find out how to ask questions and get answers. •

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From the [fundraising blog](#) – Why Wikipedia Matters

"Knowledge is power, don't waste it." – Anon.

30,879 have donated.

[» Donate now!](#)

navigation

- Main page
- Contents
- Featured content
- Current events
- Random article

interaction

- About Wikipedia
- Community portal
- Recent changes
- Contact Wikipedia
- Donate to Wikipedia
- Help

search

Go Search

toolbox

- What links here
- Related changes
- Upload file


Overview - Editing - Questions - Help

Contents - Categories - Featured content - A-Z index

Welcome to Wikipedia,
the free encyclopedia that anyone can edit.
2,107,080 articles in English

- Arts
- Biography
- Geography
- History
- Mathematics
- Science
- Society
- Technology
- All portals

Today's featured article

 ***A Vindication of the Rights of Men*** is a 1790 political pamphlet, written by the eighteenth-century British feminist Mary Wollstonecraft, which attacks aristocracy and advocates republicanism. Wollstonecraft's was the first response in a pamphlet war sparked by the publication of Edmund Burke's *Reflections on the Revolution in France*, a defence of constitutional monarchy, aristocracy, and the Church of England. Wollstonecraft not only attacked hereditary privilege but also the rhetoric that Burke used to defend it. Most of Burke's detractors deplored what they viewed as his theatrical

In the news

- The Croatian Democratic Union **retains** a plurality in the Parliament of Croatia.
- Riots** continue for a second night in Val-d'Oise, France, following the death of two youths in a motorcycle collision with a police vehicle.
- Israeli Prime Minister Ehud Olmert and Palestinian President Mahmoud Abbas **convene** with various world leaders in Annapolis, Maryland, USA, to discuss the Israeli-Palestinian conflict.

Find: mysql Next Previous Highlight all Match case

Done

Applications Places System fos... Mai... Thu Nov 29, 12:09:59 PM

Moodle – A Course Management System for On-line Learning

Moodle - A Free, Open Source Course Management System for Online Learning - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://moodle.org/

Release Notes Fedora Project Red Hat Free Content

Creative Commons Moodle - A Free, Open ...

 You are not logged in. ([Login](#))
English (en_us)

Main menu

- Free Support
- Documentation
- Issue Tracker
- Donations
- Download Moodle
- Modules and plugins
- Themes
- Moodle Buzz
- Moodle Sites
- Moodle Statistics
- Moodle News
- Moodle Security

Welcome to Moodle!

Moodle is a course management system (CMS) - a free, [Open Source](#) software package designed using sound [pedagogical principles](#), to help educators create effective online learning communities. You can download and use it on any computer you have handy (including webhosts), yet it can scale from a single-teacher site to a University with 200,000 students. This site itself is created using Moodle, so check out the [Moodle Demonstration Courses](#) or read the latest [Moodle Buzz](#).



Moodle Community

Moodle has a large and diverse user community with [over 330,000 registered users](#) on this site alone, speaking over [70 languages](#) in [196 countries](#) (we have [more statistics here](#)). The best place to start is [Using Moodle](#), which is where the main international discussions are held in English, but we have a variety of groups discussing [other topics](#) and in [other languages](#).



Moodle Development

Search

Search this site

Login

Username:

Password:

[Create new account](#)
[Lost password?](#)

Official Moodle Partner:

BallisticLearning ThemeGurus

- Development
- Theme Design
- Hosting

Find: Highlight all Match case

Done

Applications Places System Thu Nov 29, 12:48:35 PM

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About - Creative Commons - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://creativecommons.org/about/ Google


Release Notes Fedora Project Red Hat Free Content

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Home About Support Projects Participate International Contact

About

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International
Select a ju
[More information](#)

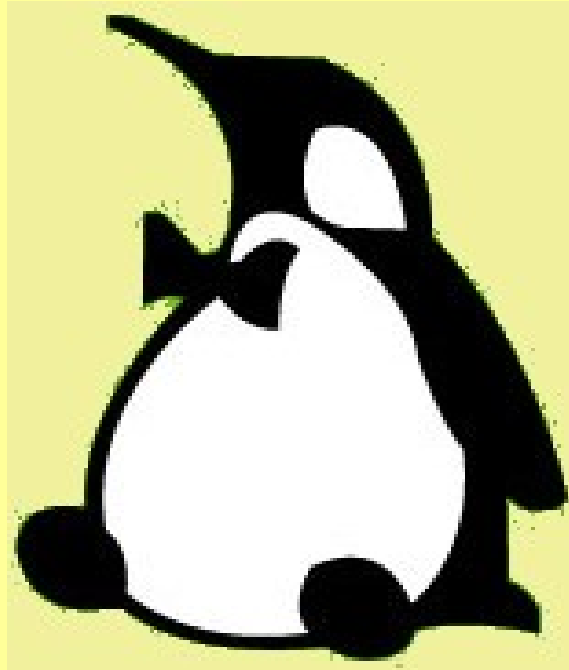
Fundraising Campaign
\$207,052 / \$500,000

The Commons
[Science Commons](#)
[ccInternational](#)
[ccLearn](#)
[ccLabs](#)

Find: mysql Next Previous Highlight all Match case

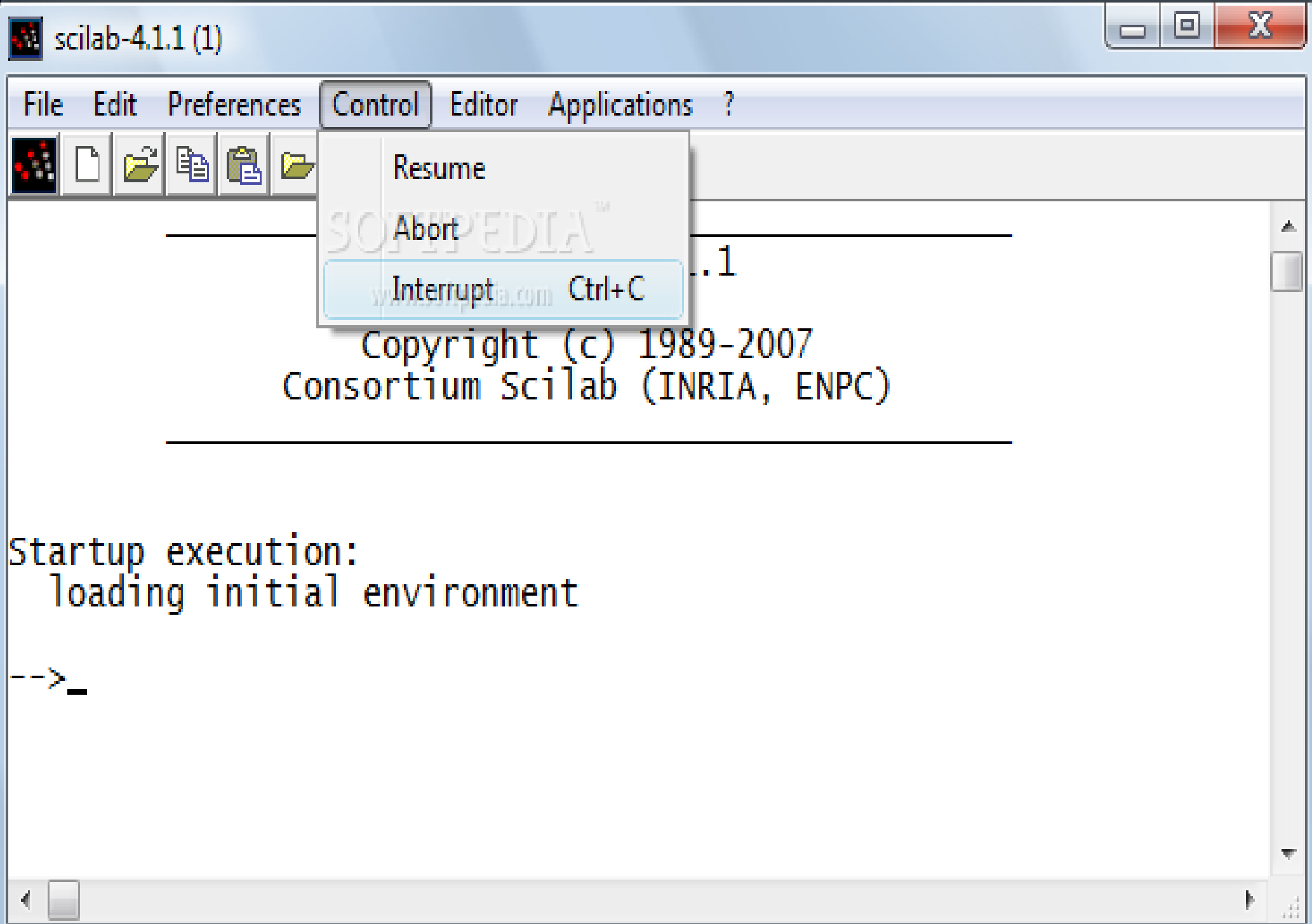
Done

Applications Places System [fo...] Abo... Thu Nov 29, 1:15:23 PM

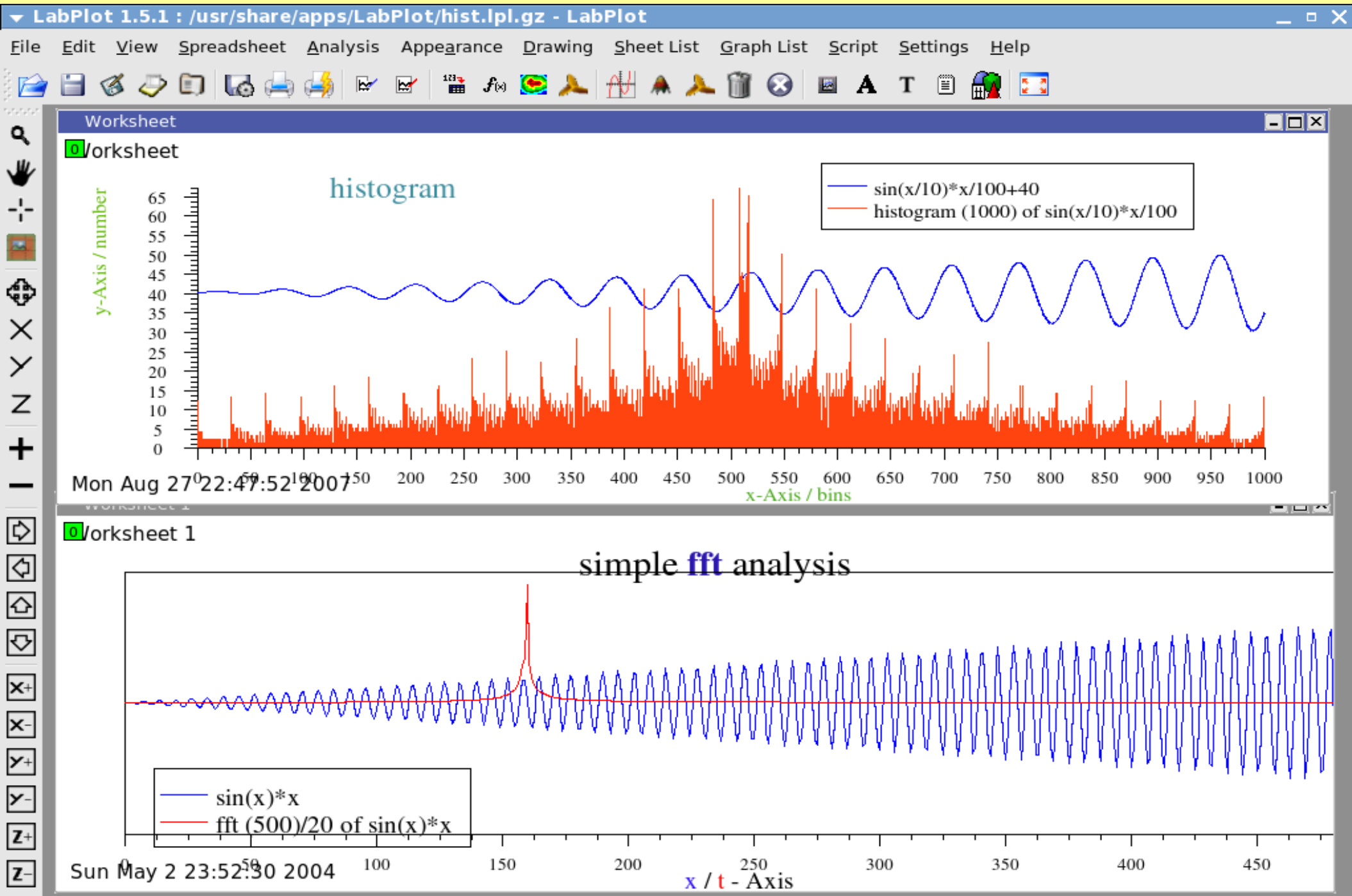


SCIENTIFIC APPLICATIONS

Scilab – A Numerical Computing Application in Linux



LABPLOT – Application for Plotting & Analysis of 2D/3D Data

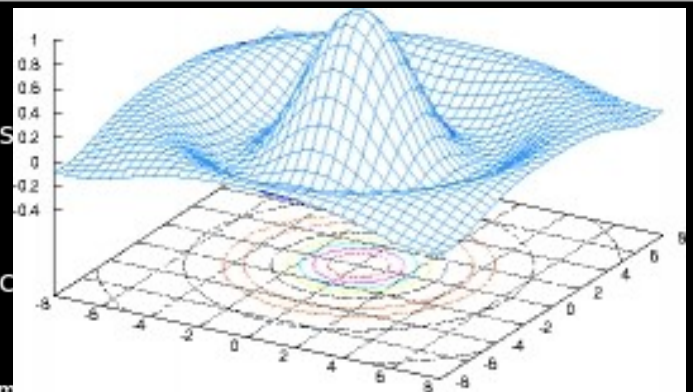


Octave – A High Level Language for Numerical Computations

Terminal - root@baskar:~

File Edit View Terminal Go Help

```
[root@baskar ~]# octave
GNU Octave, version 2.9.9 (i686-redhat-linux-gnu).
Copyright (C) 2006 John W. Eaton.
This is free software; see the source code for copying conditions.
There is ABSOLUTELY NO WARRANTY; not even for MERCHANTABILITY or
FITNESS FOR A PARTICULAR PURPOSE. For details, type `warranty'.
Additional information about Octave is available at http://www.octave.org.
Please contribute if you find this software useful.
For more information, visit http://www.octave.org/help-wanted.html.
```



```
Report bugs to <bug@octave.org> (but first, please read
http://www.octave.org/bugs.html to learn how to write a helpful report).
```

```
octave:1> demo example
example example 1:
example('example');
```

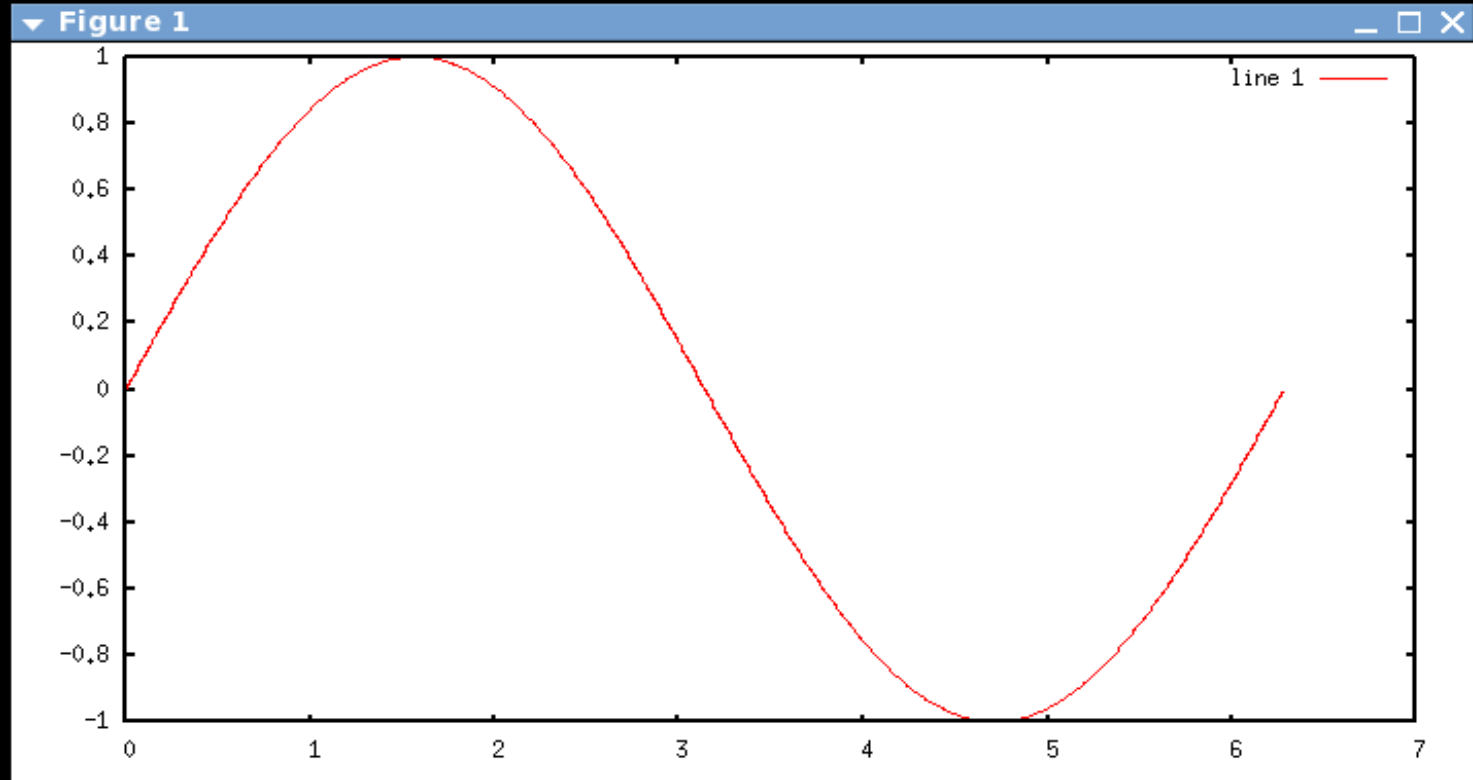
```
example example 1:
example('example');
```

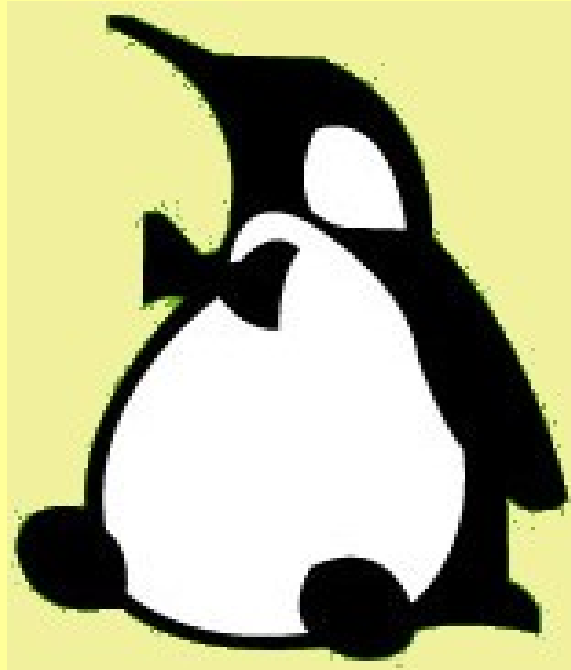
```
example example 2:
t=0:0.01:2*pi; x=sin(t);
plot(t,x)
```

Press <enter> to continue:

```
example example 2:
t=0:0.01:2*pi; x=sin(t);
plot(t,x)
```

```
octave:2> █
```





OFFICE APPLICATIONS

OpenOffice.Org Writer – The MS Word of Linux

The screenshot displays the OpenOffice.org Writer application window titled "Untitled1 - OpenOffice.org Writer". The menu bar includes File, Edit, View, Insert, Format, Table, Tools, Window, and Help. The toolbar contains various icons for file operations and editing. The document content consists of a series of lines: "This document was created using openoffice.org and Fedora-7 Linux". A modal dialog box titled "About OpenOffice.org" is open, displaying the OpenOffice.org logo and the following text:

OpenOffice.org 2.2

OpenOffice.org 2.2.0
Copyright 2000-2006 Sun Microsystems Inc.
This product has been created by Red Hat, Inc. based on OpenOffice.org.
OpenOffice.org acknowledges all community members, especially those mentioned at <http://www.openoffice.org/welcome/credits.html>.

An "OK" button is visible at the bottom of the dialog box. The status bar at the bottom shows "Page 1 / 1", "Default", "100%", "INSRT", "STD", "HYP", and a system tray with the text "root 9:46 PM".

OpenOffice.Org Calc – The MS Excel of Linux

▼ Untitled1 - OpenOffice.org Calc

File Edit View Insert Format Tools Data Window Help

Liberation Sans 10

A1 f_{∞} Σ = A

	A	B	C	D	E	F	G	H	I	J	K
1	A	1	A	1	A	1	A	1	1	A	1
2	B	2	B	2	B	2	B	2	2	B	2
3	C	3	C	3	C	3	C	3	3	C	3
4	D	4	D	4	D	4	D	4	4	D	4
5	E	5	E	5	E	5	E	5	5	E	5
6	F	6	F	6	F	6	F	6	6	F	6
7	G	7	G	7	G	7	G	7	7	G	7
8	H	8	H	8	H	8	H	8	8	H	8
9	I	9	I	9	I	9	I	9	9	I	9
10	J	10	J	10	J	10	J	10	10	J	10
11	K	11	K	11	K	11	K	11	11	K	11
12	L	12	L	12	L	12	L	12	12	L	12
13	M	13	M	13	M	13	M	13	13	M	13
14	N	14	N	14	N	14	N	14	14	N	14
15	O	15	O	15	O	15	O	15	15	O	15
16	P	16	P	16	P	16	P	16	16	P	16
17	Q	17	Q	17	Q	17	Q	17	17	Q	17
18	R	18	R	18	R	18	R	18	18	R	18
19	S	19	S	19	S	19	S	19	19	S	19
20	T	20	T	20	T	20	T	20	20	T	20
21	U	21	U	21	U	21	U	21	21	U	21
22	V	22	V	22	V	22	V	22	22	V	22
23	W	23	W	23	W	23	W	23	23	W	23
24	X	24	X	24	X	24	X	24	24	X	24
25	Y	25	Y	25	Y	25	Y	25	25	Y	25
26	Z	26	Z	26	Z	26	Z	26	26	Z	26
27	Q	17	Q	17	Q	17	Q	17	17	Q	17
28	R	18	R	18	R	18	R	18	18	R	18
29	S	19	S	19	S	19	S	19	19	S	19
30	T	20	T	20	T	20	T	20	20	T	20
31	U	21	U	21	U	21	U	21	21	U	21
32	V	22	V	22	V	22	V	22	22	V	22
33	W	23	W	23	W	23	W	23	23	W	23
34	X	24	X	24	X	24	X	24	24	X	24

Sheet1 Sheet2 Sheet3

Sheet 1 / 3 Default 100% STD * Sum=0 Average=

Applications Places System root 9:51 PM

OpenOffice.Org Impress – The MS Powerpoint of Linux

The screenshot displays the OpenOffice.org Impress application window titled "Untitled1 - OpenOffice.org Impress". The interface includes a menu bar (File, Edit, View, Insert, Format, Tools, Slide Show, Window, Help), a toolbar with various icons, and a status bar at the bottom. The main workspace shows a presentation slide with a blue gradient background and a black vertical bar on the right. The slide content includes "Presentation Title" in a large white font and "Author's Name" in a smaller white font below it. The slide is currently selected in the "Slides" panel on the left, which shows a thumbnail of the slide. The "Tasks" panel on the right displays a "Layouts" section with various slide layout icons, and a "Custom Animation" section with "Slide Transition" options. The status bar at the bottom indicates the current slide is "Slide 1 / 3" and the zoom level is "47%". The system tray at the very bottom shows the date and time as "root 9:47 PM".

File Edit View Insert Format Tools Slide Show Window Help

Slide Slide Design Slide Show

0.00" Black Color

Slides

Normal Outline Notes Handout Slide Sorter

1 Presentation Title
Author's Name
Slide 1

2 Section Title
Slide 2

3 Click to add title
Click to add an outline Click to add graphics
Slide 3

Tasks View

Master Pages

Layouts

Custom Animation

Slide Transition

6.85 / -0.66 0.00 x 0.00 47% * Slide 1 / 3 prs-fedora

Applications Places System root 9:47 PM

Scribus – The PageMaker of Linux

The image shows the Scribus 1.3.3.6 application window. The title bar reads "Scribus 1.3.3.6 - [Document-1]". The menu bar includes File, Edit, Style, Item, Insert, Page, View, Extras, Script, Windows, and Help. The toolbar contains various icons for file operations, editing, and layout. A ruler is visible at the top of the workspace, ranging from -100 to 800. An "About Scribus 1.3.3.6" dialog box is open, featuring tabs for "About", "Authors", "Translations", and "Online". The "About" tab is active, displaying the Scribus logo and the text "Open Source Desktop Publishing". Below the logo, it states "Scribus Version 1.3.3.6", "04 December 2006", "Build ID: C-C-T-F-A", and "Using Ghostscript version 8.15.4". A "Close" button is located at the bottom right of the dialog box. The status bar at the bottom shows "pt", "100.00 %", "1:1", "1 of 1", "Background", "X-Pos: 328.00 pt", and "Y-Pos: -24.00 pt". The system tray at the very bottom shows the date and time as "root 9:53 PM".

About Scribus 1.3.3.6

About Authors Translations Online

Scribus
Open Source Desktop Publishing

Scribus Version 1.3.3.6

04 December 2006
Build ID: C-C-T-F-A
Using Ghostscript version 8.15.4

Close

pt 100.00 % 1:1 1 of 1 Background X-Pos: 328.00 pt Y-Pos: -24.00 pt root 9:53 PM

Planner – A Project Management Application for GNOME

▼ **Unnamed - Planner** [Window Title Bar]


File Edit View Actions Project Help [Menu Bar]

New Project Open... Save Print... Print Preview Undo Redo Insert Task Remove Task Link Tasks Unlink Task [Toolbar]

WBS	Name	Work	Week 40, 2007					Week 41, 2007					Week 42, 2007					Week 43, 2007								
			3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
						Project start 2007 Oct 06																				

Left sidebar: Gantt, Tasks, Resources, Resource Usage

▼ **About Planner** [Dialog Title Bar]

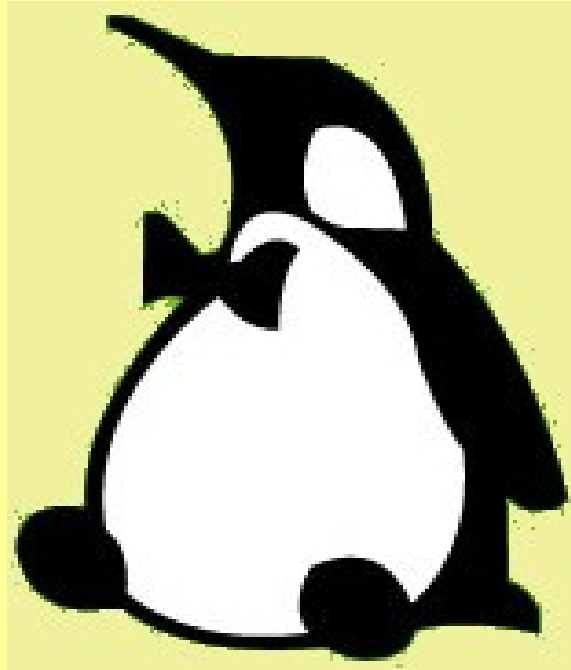


Planner 0.14.2

A Project Management application for the GNOME desktop

[The Planner Homepage](#)

☆☆ Credits [Button] [Close] [Button]



GRAPHICS APPLICATIONS

GIMP – GNU Image Manipulation Program (Photoshop of Linux)

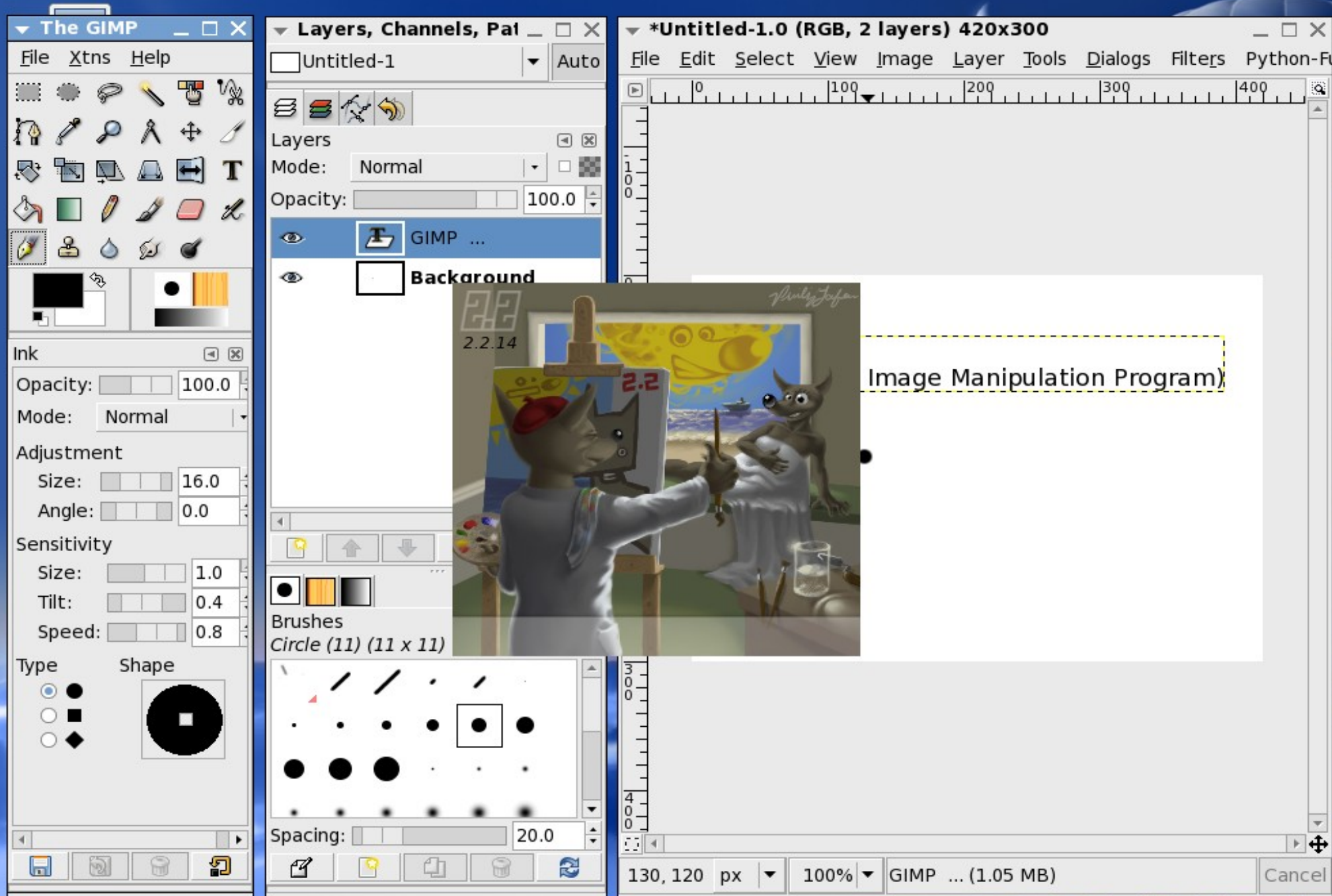
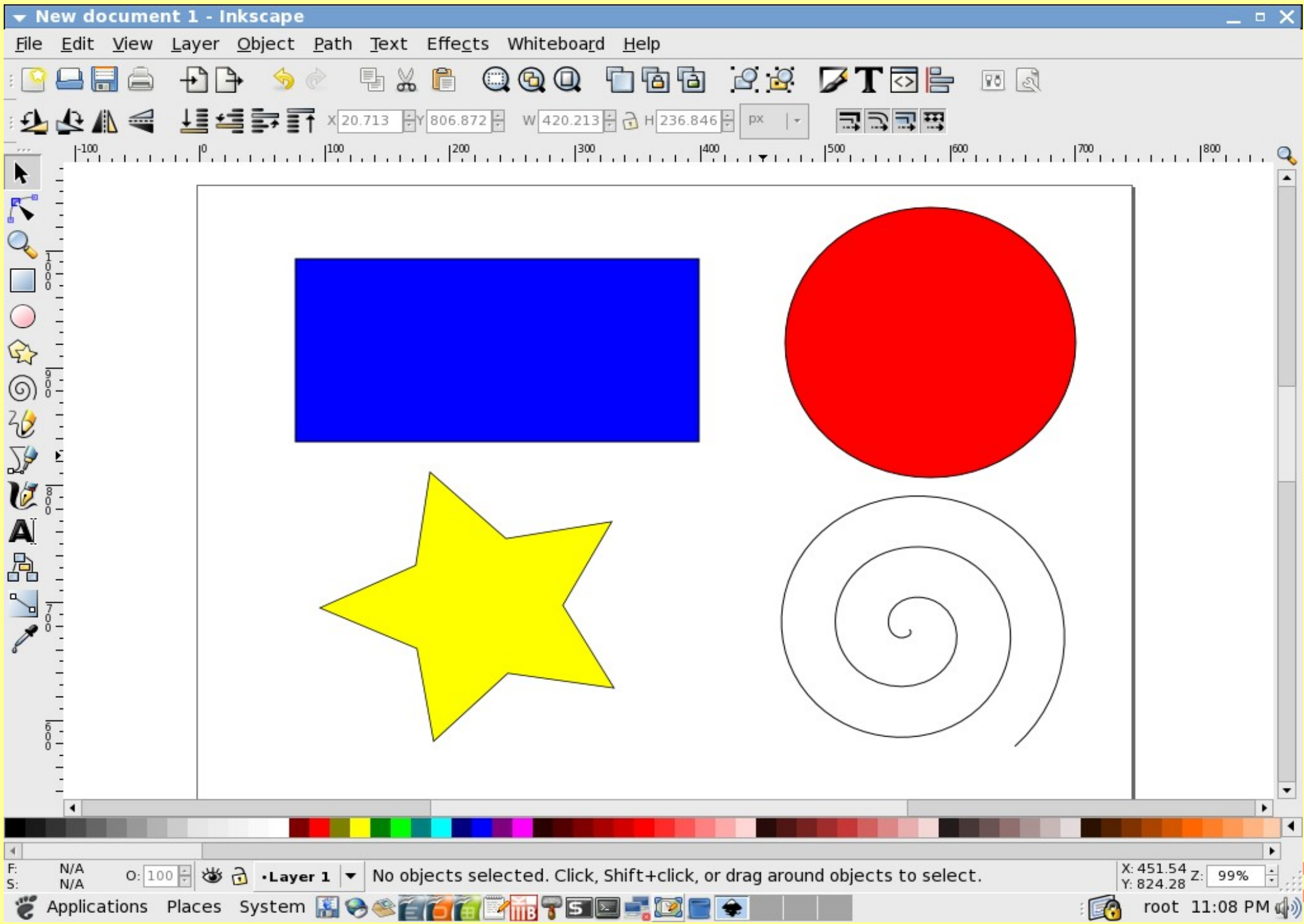


Image Manipulation Program)

Inkscape – Vector Drawing Program (Corel Draw of Linux)



Blender 3D – The 3D Animation Modelling Application

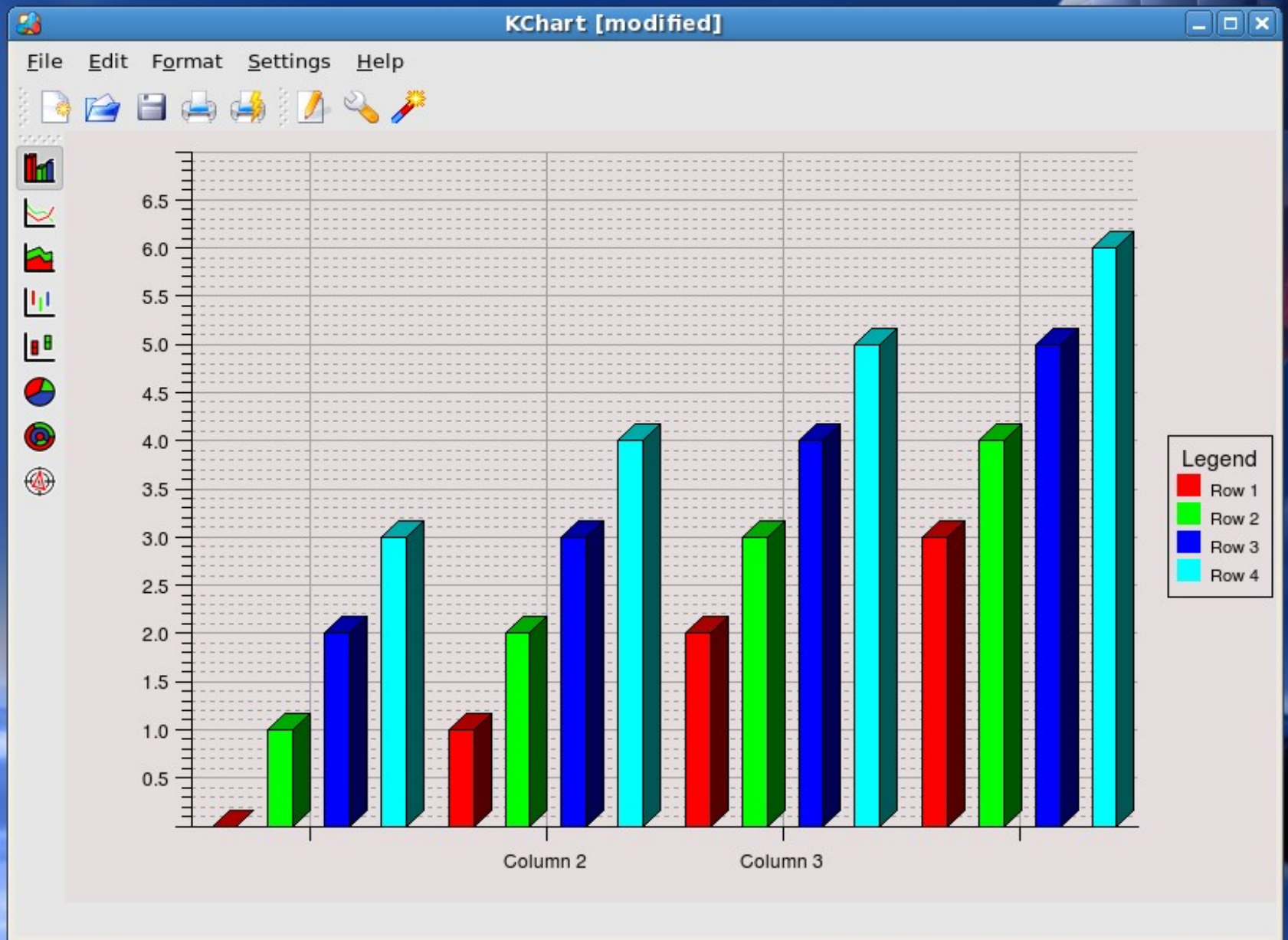
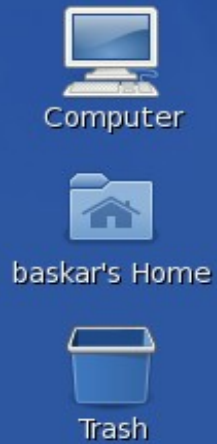
The image shows the Blender 2.44 splash screen overlaid on the application's interface. The splash screen features the Blender logo, the text "blender 2.44 version", the Blender Foundation logo, and a 3D rendered yellow frog. Below the frog, it says "Built on 2007-05-22 14:23:31 Version linux2 dynamic".

The Blender interface includes a menu bar with "File", "Add", "Timeline", "Game", "Render", and "Help". The "Help" menu is open, showing "Blender" and "Blender". The top status bar displays "SR:2-Model", "SCE:Scene", "www.blender.org 244", "Ve:8 | Fa:6 | Ob:3-1 | La:1 | Mem:C".

The interface also shows a toolbar with "View", "Select", "Object", and "Object Mode" buttons. The "Object Mode" panel is active, showing "ME:Cube" and "OB:Cube" with various options like "Auto Smooth", "Sticky", "UV Texture", and "Vertex Color".

The bottom status bar shows "Applications", "Places", "System", and "root 10:42 PM".

KChart – A 2D/3D Chart Application



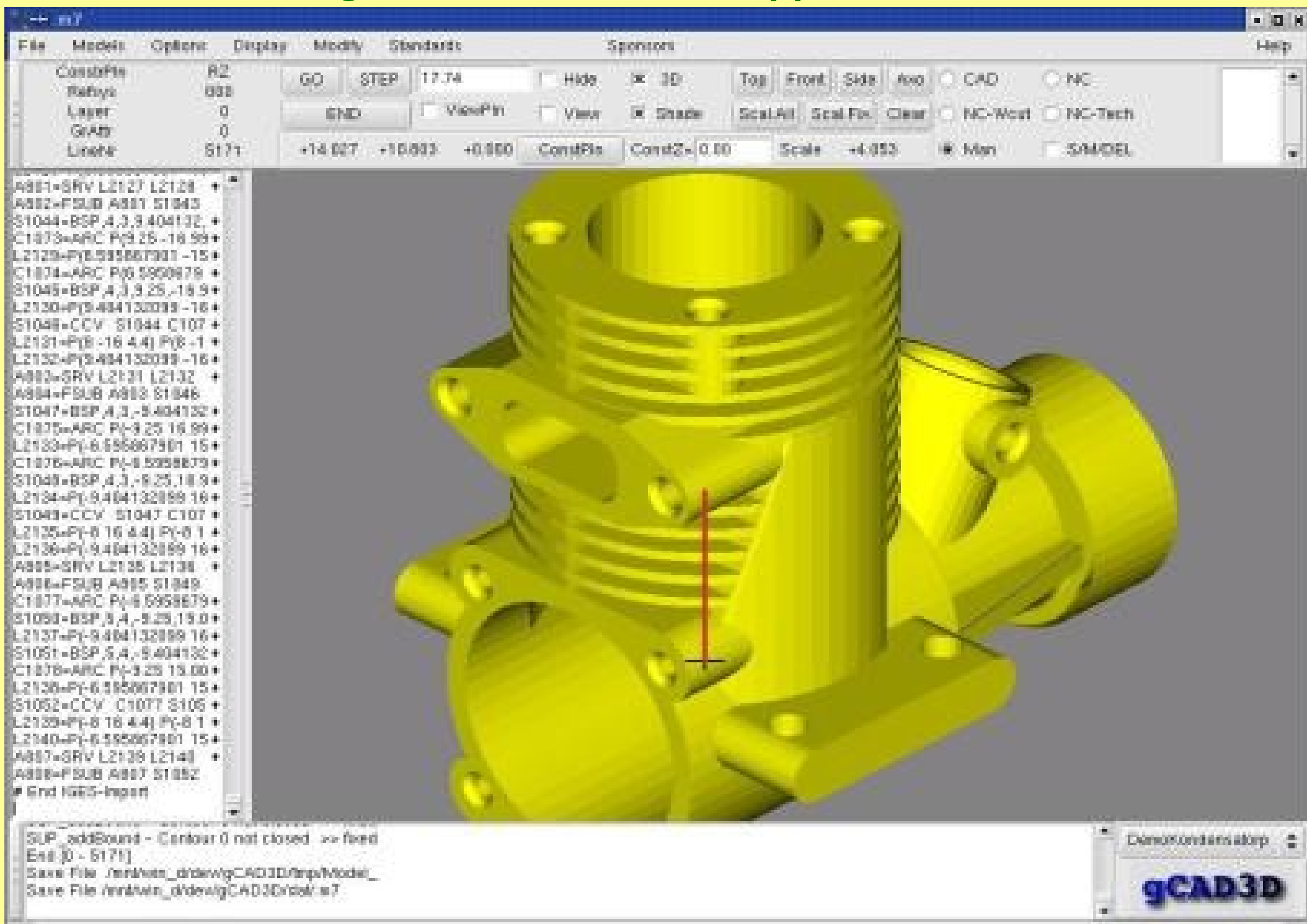
QCAD – Multi-Platform 2D CAD System (AutoCAD of Linux)

The image shows the QCAD 2D CAD software interface. The main workspace displays a white six-pointed star on a black background with a grid. An 'About...' dialog box is open in the foreground, providing the following information:

- QCad**
- Version: 2.0.5.0 [Community Edition]
- Date: Aug 28 2006
- (c) 2001-2005 by RibbonSoft, Andrew Mustun
- Modules: None
- <http://www.ribbonsoft.com>

The dialog box has an 'OK' button at the bottom. The software interface includes a menu bar (File, Edit, View, Select, Draw, Dimension, Modify, Snap, Info, Layer, Block, Window, Help), a toolbar with various drawing tools, and a status bar at the bottom. The status bar shows the current cursor position: 'Specify first point' with coordinates (144, 120.75) and (111, 105.25), and a 'Selected Entities: 1' field. The system tray at the bottom right shows the user is 'root' at '10:53 PM'.

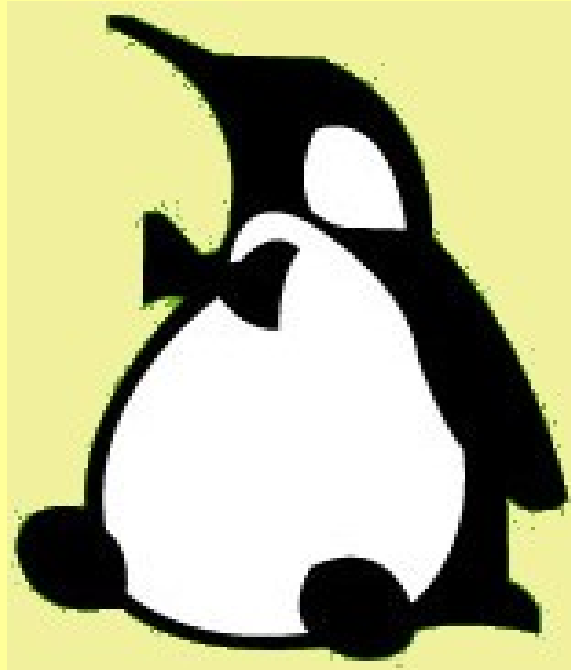
gCAD3D – A 3D CAD Application



The screenshot displays the gCAD3D software interface. The main window shows a 3D model of a complex mechanical part, rendered in a yellowish-green color. The interface includes a menu bar (File, Models, Options, Display, Modify, Standards, Spontons, Help) and a toolbar with various icons. A status bar at the bottom left shows the current file name and path: `SUP_dddBound - Contour 0 not closed => fixed` and `Ess: [0 - 5171]`. The bottom right corner features the gCAD3D logo and the text "Demos/Contour/asp".

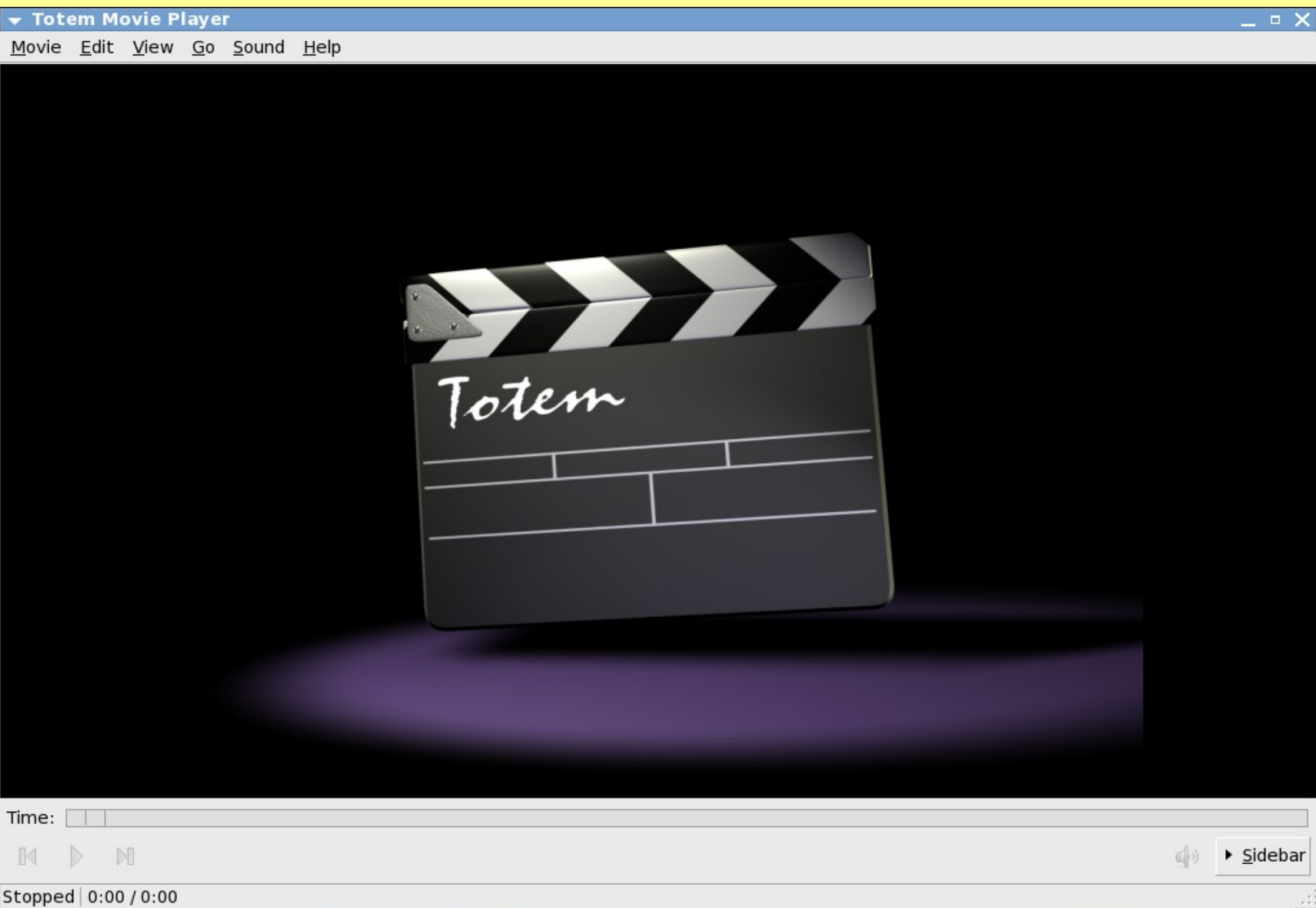
The left sidebar displays a list of CAD entities, including:

- A981-SRV L2127 L2128 +
- A982-FSUB A981 S1043
- S1044-BSP 4,3,9 404132 +
- C1873-ARC P(-9,25,-16,99)+
- L2129-P(-6,595867901 -15+
- C1874-ARC P(6,5958679 +
- S1045-BSP 4,3,9 25,-16,9+
- L2130-P(-9,464132099 -16+
- S1046-CCV S1044 C107 +
- L2131-P(-16,4,4) P(-6 -1 +
- L2132-P(-9,464132099 -16+
- A983-SRV L2131 L2132 +
- A984-FSUB A983 S1046
- S1047-BSP 4,3,-9 404132+
- C1875-ARC P(-9,25,16,99)+
- L2133-P(-6,595867901 15+
- C1876-ARC P(-6,5958679 +
- S1048-BSP 4,3,-9 25,16,9+
- L2134-P(-9,464132099 16+
- S1049-CCV S1047 C107 +
- L2135-P(-6,16,4,4) P(-6 1 +
- L2136-P(-9,464132099 16+
- A985-SRV L2135 L2136 +
- A986-FSUB A985 S1049
- C1877-ARC P(-6,5958679 +
- S1050-BSP 5,4,-9 25,16,0+
- L2137-P(-9,464132099 16+
- S1051-BSP 5,4,-9 404132+
- C1878-ARC P(-9,25,16,00)+
- L2138-P(-6,595867901 15+
- S1052-CCV C1077 S105 +
- L2139-P(-6,16,4,4) P(-6 1 +
- L2140-P(-6,595867901 15+
- A987-SRV L2139 L2140 +
- A988-FSUB A987 S1052
- # End IGES-report

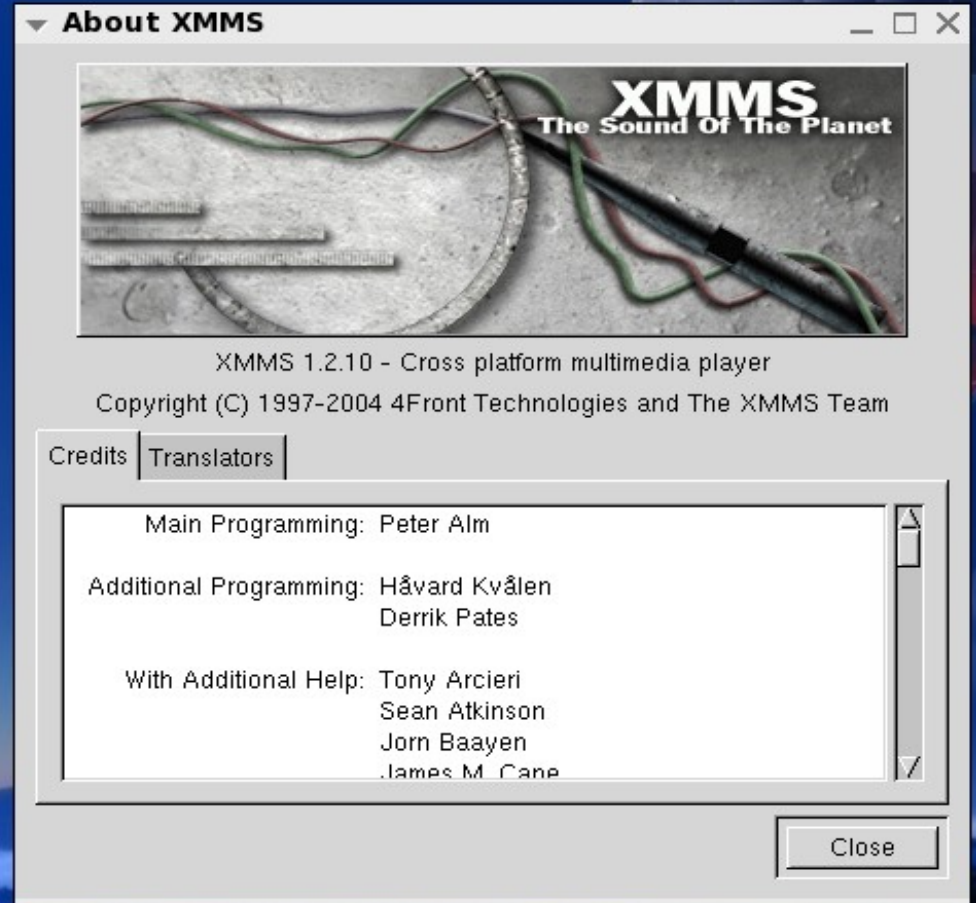


MULTIMEDIA APPLICATIONS

Totem Movie Player – Play your favourite VCD/DVDs in Linux



XMMS – X Multimedia Player to Play MP3, OGG & All Audio Files



fedora

Amarok – A Standalone / On-Line Music Player for Linux



Computer



root's Home



Screenshots



totem-movieplayer.
png



worldmap.png




Trash

Amarok - Amarok 1.4 Welcome by Matthias Ettrich

Search: Playlist Search

Title	Artist	Year	Album	Directory	Length
▶ Amarok 1.4 Welcome	Matthias Ett...			/usr/shar...	0:12

 Amarok 1.4 Welcome - Matthias Ettrich
/usr/share/apps/amarok/data (0:12)

80%

Menu

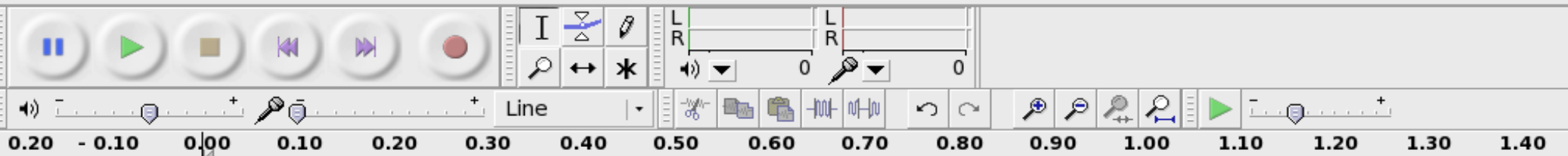
Playing: **Amarok 1.4 Welcome by Matthias ...** 1 track (0:12) 0:02 -0:10

fedora

Audacity – A Sound File Editor for Linux

door

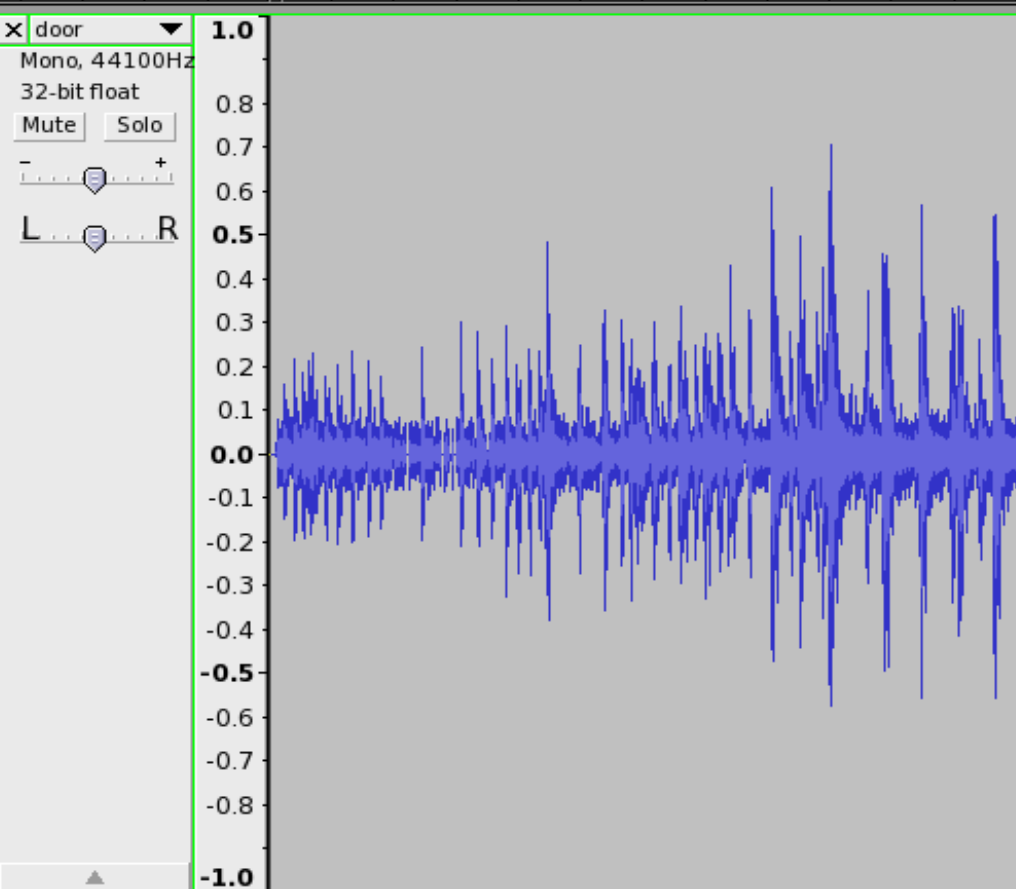
File Edit View Tracks Generate Effect Analyze Help



0.20 0.10 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40

door 1.0

Mono, 44100Hz
32-bit float
Mute Solo




L R

Project Rate (Hz): 44100

Selection Start: 00 h 00 m 00 s

End Length Audio Position: 00 h 00 m 00 s

▼ About Audacity...



**Audacity® 1.3.2-beta
(Unicode)**

A Free Digital Audio Editor

Audacity is a free program written by a team of volunteer developers around the world. Coordination happens thanks to SourceForge.net, an online service that provides free tools to open-source software projects. Audacity is available for Windows 98 and newer, Mac OS X, Linux, and other Unix-like operating systems. Older versions of Audacity are available for Mac OS 9.

Audacious!

KINO – Digital Video Editing under Linux (www.kinodv.org)

Storyboard

Output
Specify the output file without the extension
File:

Overwrite **Create**
From: to:
 Limit to: frames

Advanced Options
 Speed: 1.00
 Reverse

Preview Options

Audio Filter **Audio Transition**
Cross Fade
A Curve:
B Curve:

Video Filter **Video Transition**
Luma Wipe
Image:
Softness:
 Reverse
 Interlaced? Use field-based rendering?

Preview Render Stop

Time:
Properties

KINO Video Editor

Istanbul – Records a Video of your Desktop Session



Computer



root's Home



Screenshots



Presentation



Tux Paint



Trash

▼ About istanbul ×

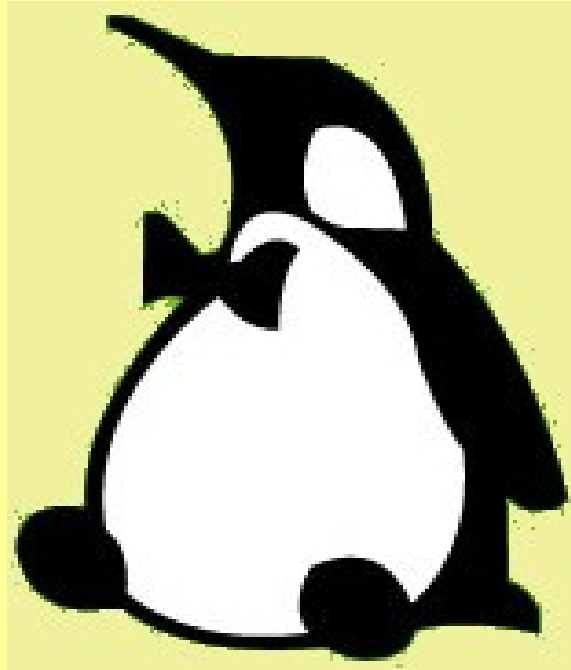
istanbul 0.2.2

Records a video of your desktop session

Copyright (c) 2005-6 Zaheer Abbas Merali, John N. Laliberte
Portions Copyright (C) Fluendo S.L.

<http://live.gnome.org/Istanbul>

☆☆ Credits License X Close



INTERNET APPLICATIONS

Mozilla Firefox – The Most Popular Web Browser on the Planet

ICICI Bank | Personal Banking | NRI Banking | Corporate Banking | Business Banking - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.icicibank.com/ Google

Release Notes Fedora Project Red Hat Free Content

ICICI Bank | Pers... Yahoo! Mail: The be... Welcome to Gmail The Linux Home Pa... The Linux Kernel Ar...

ICICI Bank

About Us Careers E-Brochures Forms Center Service Charges & Fees Site Map

Home Personal Banking NRI Banking Corporate Banking

Welcome to the **ICICI Bank** Special Edition Homepage. This new page has been designed to focus attention on three areas of special importance to us and our customers. We encourage you to explore these sections to make your banking with us a pleasant experience. To visit our regular home page, please [click here](#).



Protect your account.

SAFE BANKING

We are committed to total security for all your financial transactions.

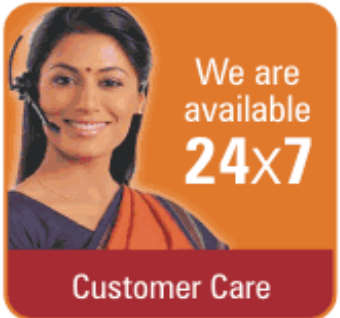
[Beware of frauds](#)
[Report an e-mail fraud](#)



TRANSPARENCY

Your trust is of utmost importance. We are committed to transparency in every aspect of our relationship with you.

[Code of Commitment](#)
[Service Charges & Fees](#)



We are available 24x7

Customer Care

If you need any information or assistance about a service or a product, please let us know. We are here to assist you.

[Call our Customer Care](#)
[Find an ICICI Bank branch / ATM](#)

Reach Us

- [E-mail Us](#)
- [Call Us](#)
- [ATM / Branch Locator](#)
- [Mobile Banking](#)
- [Internet Banking](#)

COMPLIMENTS

COMPLAINTS

[Safe Banking](#)
[Do Not Call Registry](#)
[Internet Banking Demo](#)

Forgot Password

[New user ?](#)
[Forgot user ID & Password](#)

•Disclaimer • Terms and Conditions • Privacy • USA Patriot Act Certification

ICICI Lombard General Insurance. ICICI Prudential Life Insurance. ICICI Prudential Mutual Fund. ICICI Direct.

Best viewed with Internet Explorer Ver 5.5 and Ver 6 or Netscape Ver 7.3 and Ver 8 or Firefox Ver 1.5 with a resolution of 800x600.

Done

Applications Places System ICICI Bank | Personal Banki... root 7:18 PM

Mozilla Thunderbird- The Most Popular E-mail Client

The screenshot displays the Mozilla Thunderbird email client interface. The main window is titled "Inbox - Thunderbird" and features a menu bar (File, Edit, View, Go, Message, Tools, Help) and a toolbar with icons for Get Mail, Write, Address Book, Reply, Reply All, Forward, Tag, Delete, Junk, Print, Back, and Forward. A search box labeled "Subject or Sender" is located on the right side of the toolbar.

The left sidebar shows the "Local Folders" tree with "Inbox (68)", "Unsent", and "Trash" folders. The main pane displays a list of emails in the inbox, with columns for Subject, Sender, and Date. The selected email is "Fwd: Project report for Mumbai Port Trust (Chockkalingam)".

The "About Mozilla Thunderbird" dialog box is open, showing the Mozilla Thunderbird logo, the version number "version 2.0.0.0 (20070419)", and the copyright notice: "©1998-2007 Contributors. All Rights Reserved. Mozilla Thunderbird and the Thunderbird logos are trademarks of the Mozilla Foundation. All rights reserved." The dialog box includes "Credits" and "OK" buttons.

The email details for the selected message are as follows:

Subject: Fwd: Project report for Mumbai Port Trust (Chockkalingam)
From: b.thirupathi b.thirupathi <bthirupathi@yahoo.com>
Date: 10/29/2007 04:20 PM
To: linuxpert@vsnl.net

The email content area shows the following text:

Subject: Project report for Mumbai Port Trust (Chockkalingam)
From: Rama Chockkalingam <chocu42@yahoo.co.in>
Date: Tue, 23 Oct 2007 11:57:40 +0100 (BST)
To: bthirupathi@yahoo.com

The status bar at the bottom indicates "Unread: 68" and "Total: 80". The system tray shows the date and time: "Tue Oct 30, 9:10:25 AM".

WebDownloader for X – A File Downloading Application in Linux

The screenshot shows the WebDownloader for X 2.5.7.1 application window. The main window displays a list of downloads in a table format. A 'Queue properties' dialog box is open, showing settings for the 'Main' queue.

Downloads List:

File	Type	Full Size	Download	Rest	%	Speed	Time	Rem
ubuntu-7.10-dvd-amd64.iso	file	4.2G	113.5M	4.0G	3	5.2K	01:39	...
ubuntu-7.10-dvd-i386.iso	file	4.2G	114.0M	4.1G	3	7.1K	01:39	...
kubuntu-7.10-dvd-amd64.iso	file	4.3G	458.5M	3.8G	10	7.7K	02:11	...
kubuntu-7.10-dvd-i386.iso	file	4.2G	466.9M	3.8G	11	6.4K	02:11	...
gutsy-dvd-amd64.iso	file	4.3G	443.9M	3.9G	10	6.2K	02:11	...
gutsy-dvd-i386.iso	file	4.3G	435.9M	3.9G	10	6.4K	02:11	...
xubuntu-7.10-src-1.iso	file	4.3G	455.5M	3.7G	10	7.5K	02:11	...
kubuntu-7.10-src-1.iso	file	4.3G	455.5M	3.7G	10	7.5K	02:11	...
ubuntu-7.10-src-1.iso	file	4.3G	455.5M	3.7G	10	7.5K	02:11	...
ubuntu-7.10-alternate-amd64.iso	file	4.3G	455.5M	3.7G	10	7.5K	02:11	...
ubuntu-7.10-alternate-i386.iso	file	4.3G	455.5M	3.7G	10	7.5K	02:11	...
ubuntu-7.10-desktop-amd64.iso	file	4.3G	455.5M	3.7G	10	7.5K	02:11	...
ubuntu-7.10-desktop-i386.iso	file	4.3G	455.5M	3.7G	10	7.5K	02:11	...
ubuntu-7.10-server-amd64.iso	file	4.3G	455.5M	3.7G	10	7.5K	02:11	...
ubuntu-7.10-server-i386.iso	file	4.3G	455.5M	3.7G	10	7.5K	02:11	...
ubuntu-7.10-server-sparc.iso	file	4.3G	455.5M	3.7G	10	7.5K	02:11	...
kubuntu-7.10-alternate-amd64.iso	file	4.3G	455.5M	3.7G	10	7.5K	02:11	...
kubuntu-7.10-alternate-i386.iso	file	4.3G	455.5M	3.7G	10	7.5K	02:11	...
kubuntu-7.10-desktop-amd64.iso	file	4.3G	455.5M	3.7G	10	7.5K	02:11	...
kubuntu-7.10-desktop-i386.iso	file	4.3G	455.5M	3.7G	10	7.5K	02:11	...
edubuntu-7.10-desktop-amd64.iso	file	4.3G	455.5M	3.7G	10	7.5K	02:11	...
edubuntu-7.10-desktop-i386.iso	file	4.3G	455.5M	3.7G	10	7.5K	02:11	...

Queue properties dialog box:

- Maximum active downloads: 9
- Speed limitation per queue (Bytes/sec, 0 unlimited): 0
- Automatically delete completed downloads
- Automatically delete failed downloads
- Default folder to save downloaded files: /mnt/dvdiso/
- Size format: 123456, 123 456, 123K, 123'456
- Time format: 12:34:56, 12:34
- Speed format: 2134, 2.1K
- Name of the queue: Main

The status bar at the bottom shows the current download progress for 'ubuntu-7.10-dvd-amd64.iso' at 3% (119077591/4519006208) with a speed of 420.2M (62418B/s). The system tray at the bottom right shows the date and time: Sat Nov 3, 11:20:36 AM.

Pidgin (GAIM) – The Most Popular Instant Messenger in Linux



Add Account

Basic | Advanced

Login Options

Protocol: AIM

Screen name: Gadu-Gadu

Password: GroupWise

Local alias: ICQ

Remember password

User Options

New mail notifications

Use this buddy list

Cancel Save

yahoo.png

Available

Accounts

Enabled	Screen Name	Protocol
<input checked="" type="checkbox"/>	baskar_cpt	Yahoo

Add Modify Delete Close

fedora

Yahoo Messenger in Linux



Computer



root's Home



firefox.png



k3b.png



Trash

Buddy List

Buddies Accounts Tools Help

▼ Friends

- ⊗ kani_srinivas
- ⊗ ksathyananthan
- ⊗ r_dhanda
- ⊗ suku_mar81
- ⊗ suku_seshan
- ⊗ udaymalai

▼ Colleague

- ⊗ j_aruldoss
- ⊗ rpshivasaravana9
- ⊗ sethumadhavang
- ⊗ s_rexs
- ⊗ udhaya_l

Available

Accounts

Enabled	Screen Name	Protocol
<input checked="" type="checkbox"/>	baskar_cpt	Yahoo

+ Add Modify Delete Close

j_aruldoss

Conversation Options Send To

j_aruldoss

(07:20:17 PM) **baskar_cpt**: Hi Aruldoss, how are you

Rich text toolbar with icons for bold, italic, underline, text color, background color, bulleted list, numbered list, link, unlink, insert image, and smiley.

Ekiga – VOIP, IP Telephony & Video Conferencing Application



Computer



network
configuration.png



root's Home



new file



அனாம ஫ோல்டர



tuxpaint.png



தலைப்பில்லா
அடைவு



Trash



Screenshots



untitled folder



नई फाइल



புதிய கோப்பு

Ekiga [Close]

Call Edit View Tools Help

sip: [Speaker]

>Hi_

Standby

Registered accounts: 0

1	2 abc	3 def
4 ghi	5 jkl	6 mno
7 pqrs	8 tuv	9 wxyz
*	0	#

Dialpad Audio Video

Missed calls: 0 - Voice Mails: 0

About Ekiga [Close]



Ekiga 2.0.9

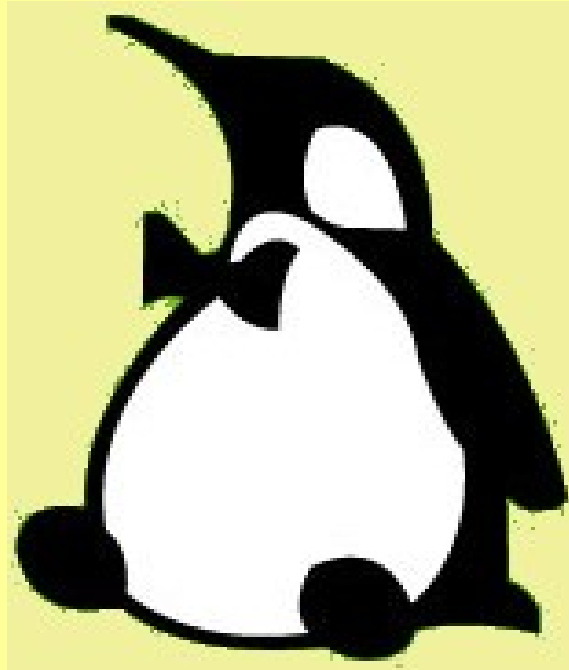
Ekiga is full-featured SIP and H.323 compatible VoIP, IP-Telephony and Videoconferencing application that allows you to make audio and video calls to remote users with SIP and H.323 hardware or software.

Copyright © 2000-2007 Damien Sandras

<http://www.ekiga.org>

Credits License Close

ora



EDUTAINMENT APPLICATIONS

KTouch – Helps you to Learn / Practice Touch Typing

KTouch File Training Settings Help

Level: Speed: Correctness: New Characters in This Level:

TOTO TTT TOTT TTT TOT TOT O OT OT

` 1 2 3 4 5 6 7 8 9 0 - = \ ↵

⇧ Q W E R T Y U I O P []

⇩ A S D F G H J K L ; ' ↵

⇧ Z X C V B N M , . / ⇧

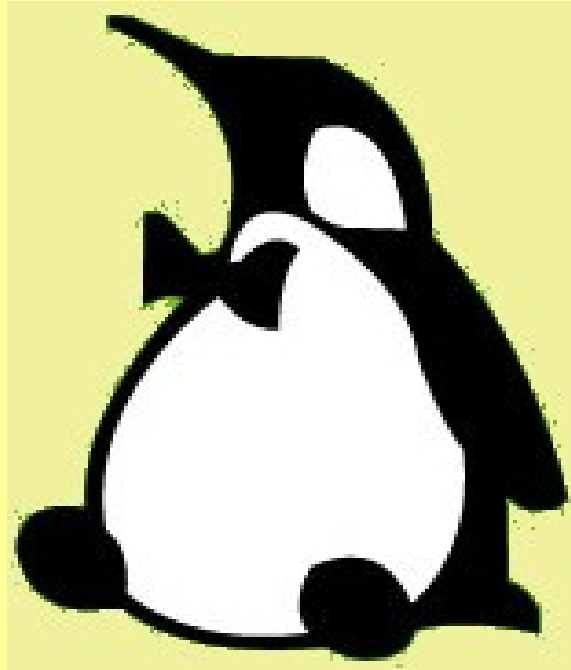
Ctrl Alt Space Alt Gr Ctrl

Training session paused. Training continues on next keypress... Level: Correct/Total chars: 0/1 Words: 0 Session: Correct/Total chars: 0/1 Words: 0

Applications Places System root Sun Oct 7, 9:19:30 PM

TuxPaint – Helps to Paint your Imaginations





NETWORKING & SECURITY

Network Configuration in Linux

Network Device Control

The following network interfaces are configured in the active profile.

Status	Device	Nickname	
Active	eth0	eth0	<input checked="" type="checkbox"/> Activate <input checked="" type="checkbox"/> Deactivate <input type="checkbox"/> Configure...

Info Close

Network Configuration

File Profile Help

New Edit Copy Delete Activate Deactivate

Devices Hardware IPsec DNS Hosts

You may configure network devices associated with physical hardware here. Multiple logical devices can be associated with a single piece of hardware.

Profile	Status	Device	Nickname	Type
<input checked="" type="checkbox"/>	Active	eth0	eth0	Ethernet

Edit device...

Ethernet Device

General Route Hardware Device

Nickname: eth0

Activate device when computer starts
 Allow all users to enable and disable the device
 Enable IPv6 configuration for this interface

Automatically obtain IP address settings with: dhcp

DHCP Settings

Hostname (optional):

Automatically obtain DNS information from provider

Statically set IP addresses:

Manual IP Address Settings

Address: 192.168.1.254
Subnet mask: 255.255.255.0
Default gateway address: 192.168.1.8

Set MTU to: 1

Cancel OK

Networking Tools in Linux

▼ Devices - Network Tools

Tool Edit Help

Devices Ping Netstat Traceroute Port Scan Lookup Finger Whois


Network device: Loopback Interface (lo)

IP Information

Protocol	IP Address	Netmask / Prefix	Broadcast	Scope
IPv4	127.0.0.1	255.0.0.0		
IPv6	::1	128		Host

Interface Information	Interface Statistics
Hardware address: Loopback	Transmitted bytes: 62.3 MiB
Multicast: Disabled	Transmitted packets: 12615
MTU: 16436	Transmission errors: 0
Link speed:	Received bytes: 62.3 MiB
State: Active	Received packets: 12615
	Reception errors: 0
	Collisions: 0


▼ About Network Tools




Network Tools 2.18.0

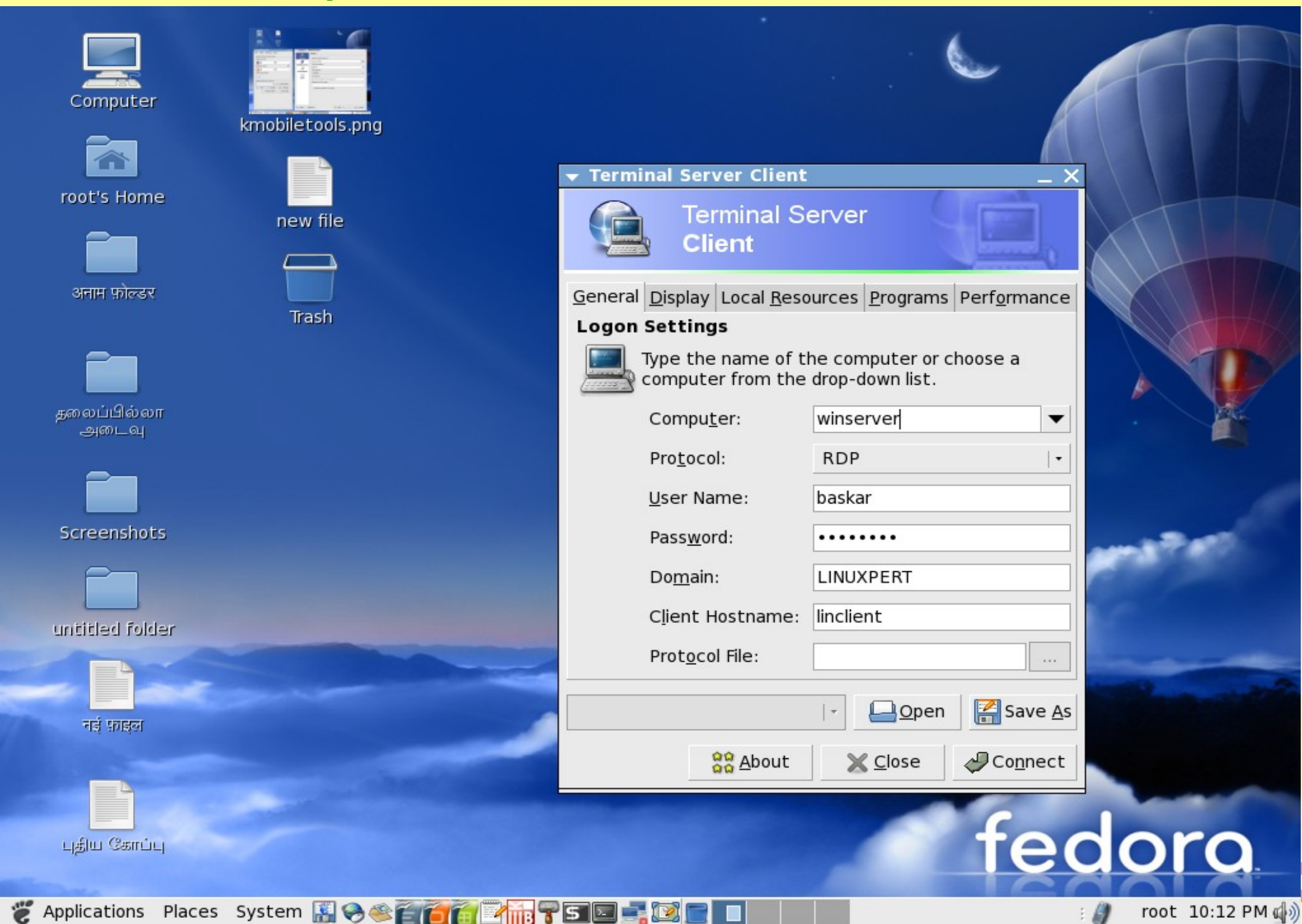
Graphical user interface for common network utilities

Copyright © 2003-2004 Germán Poo Caamaño

 Credits

 Close

Remote Desktop Access of Windows Terminal Server from Linux



Terminal Server Client

Terminal Server Client

General | Display | Local Resources | Programs | Performance

Logon Settings

Type the name of the computer or choose a computer from the drop-down list.

Computer: winserver

Protocol: RDP

User Name: baskar

Password:

Domain: LINUXPERT

Client Hostname: linclient

Protocol File: ...

Open Save As

About Close Connect

fedora

Nmap – Network Security Scanner

Nmap Front End v4.20

File View Help

Target(s):

Scan Discover Timing Files Options

Scan Type: SYN Stealth Scan

Relay Host:

Scanned Ports: Default

Range:

Scan Extensions:

- RPC Scan
- OS Detection
- Version Probe

Starting Nmap 4.20 (<http://insecure.org>) at 2007-10-08 06:50 IST
Interesting ports on baskar.linuxpertsystem.com (127.0.0.1):
Not shown: 1689 closed ports

PORT	STATE	SERVICE
22/tcp	open	ssh
80/tcp	open	http
111/tcp	open	rpcbind
443/tcp	open	https
631/tcp	open	ipp
762/tcp	open	quotad
3306/tcp	open	mysql
8000/tcp	open	http-alt

No exact OS matches for host (If you know what OS is running on it, see <http://insecure.org/nmap/submit/>).

TCP/IP fingerprint:

```
OS: SCAN(V=4.20%0=10/8%0T=22%CT=1%CU=39318%PV=N%DS=0%G=Y%TM=470985F5%P=i686-OS:redhat-linux-gnu)SEQ(SP=CD%GCD=1%ISR=CE%TI=Z%II=I%TS=A)OPS(O1=M400CST11NOS:W5%02=M400CST11NW5%03=M400CNNT11NW5%04=M400CST11NW5%05=M400CST11NW5%06=MOS:400CST11)WIN(W1=8000%W2=8000%W3=8000%W4=8000%W5=8000%W6=8000)ECN(R=Y%DF=OS:Y%T=40%W=8018%O=M400CNNSNW5%CC=N%Q=)T1(R=Y%DF=Y%T=40%S=0%A=S+%F=AS%RD=0%NS=0=N)T2(R=N)T3(R=Y%DF=Y%T=40%W=8000%S=0%A=S+%F=AS%RD=0%O=M400CST11NW5%RD=0%N=)T
```

Command:

About Nmap & NmapFE

Nmap & NmapFE 4.20

Frontend for Nmap security scanner

<http://www.insecure.org/nmap>

Applications Places System root Mon Oct 8, 6:51:25 AM

Wireshark – Network Protocol Analyser

Io: Capturing - Wireshark

File Edit View Go Capture Analyze Statistics Help

Filter: + Expression... Clear Apply

No. .	Time	Source	Destination	Protocol	Info
74	39.883747	192.168.1.254	192.		
75	40.884029	192.168.1.254	192.		
76	40.884095	192.168.1.254	192.		
77	41.883754	192.168.1.254	192.		
78	41.883817	192.168.1.254	192.		
79	42.888609	192.168.1.254	192.		
80	42.888676	192.168.1.254	192.		
81	43.888695	192.168.1.254	192.		
82	43.888768	192.168.1.254	192.		
83	44.890734	192.168.1.254	192.		
84	44.890792	192.168.1.254	192.		
83	44.890734	192.168.1.254	192.		
84	44.890792	192.168.1.254	192.		


Frame 1 (98 bytes on wire, 98 bytes captured) on interface eth0

- Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 01:00:5e:00:00:01
- Internet Protocol, Src: 127.0.0.1 (127.0.0.1), Dst: 127.0.0.1
- Internet Control Message Protocol, Src: 127.0.0.1 (127.0.0.1), Dst: 127.0.0.1

```
0000  00 00 00 00 00 00 00 00 00 00 00 00 00 08
0010  00 54 00 00 40 00 40 01 3c a7 7f 00 00 00
0020  00 01 08 00 ab 91 c0 2b 00 01 f7 0a d3 00
0030  04 00 08 09 0a 0b 0c 0d 0e 0f 10 11 12 00
0040  16 17 18 19 1a 1b 1c 1d 1e 1f 20 21 22 00
0050  26 27 28 29 2a 2b 2c 2d 2e 2f 30 31 32 00
0060  36 37
```

About Wireshark

Wireshark Authors Folders Plugins License



Network Protocol Analyzer

Version 0.99.5

Copyright 1998-2007 Gerald Combs <gerald@wireshark.org> and contributors.
This is free software; see the source for copying conditions. There is NO warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

Compiled with GTK+ 2.10.9, with GLib 2.12.9, with libpcap 0.9.5, with libz 1.2.3, with libpcre 7.0, with Net-SNMP 5.4, without ADNS, without Lua, with GnuTLS 1.4.1, with Gcrypt 1.2.3, with MIT Kerberos, without PortAudio, without AirPcap.

Running on Linux 2.6.21-1.3194.fc7, with libpcap version 0.9.5.

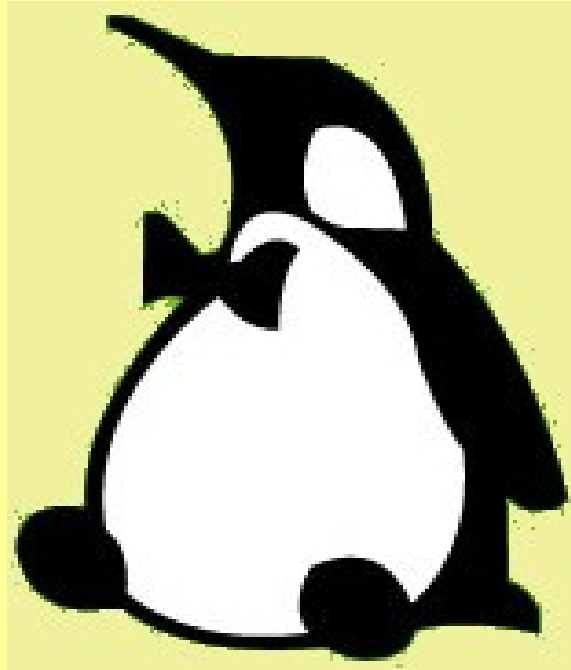
Built using gcc 4.1.1 20070123 (Red Hat 4.1.1-54).

Wireshark is Open Source Software released under the GNU General Public License.

Check the man page and <http://www.wireshark.org> for more information.

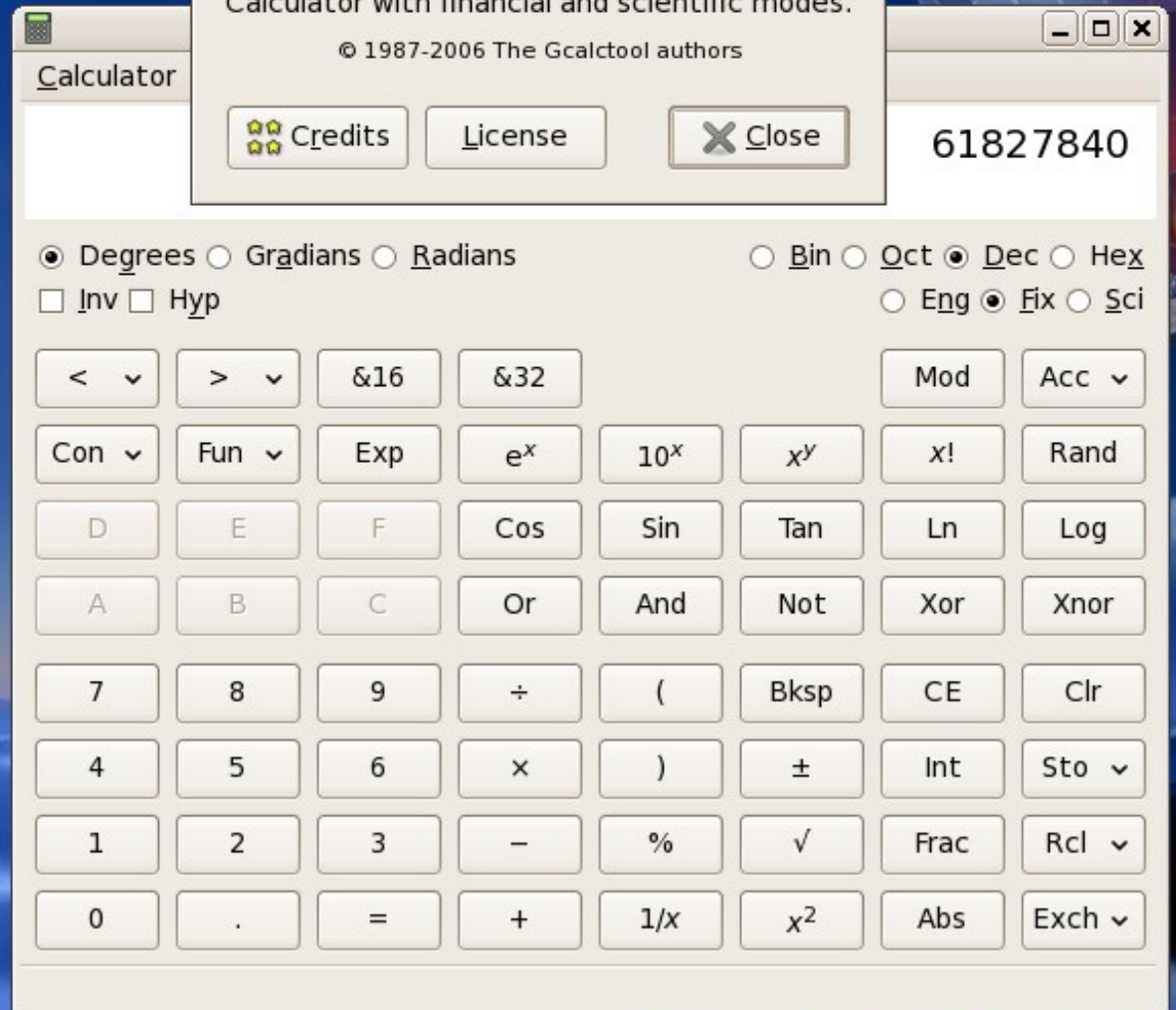
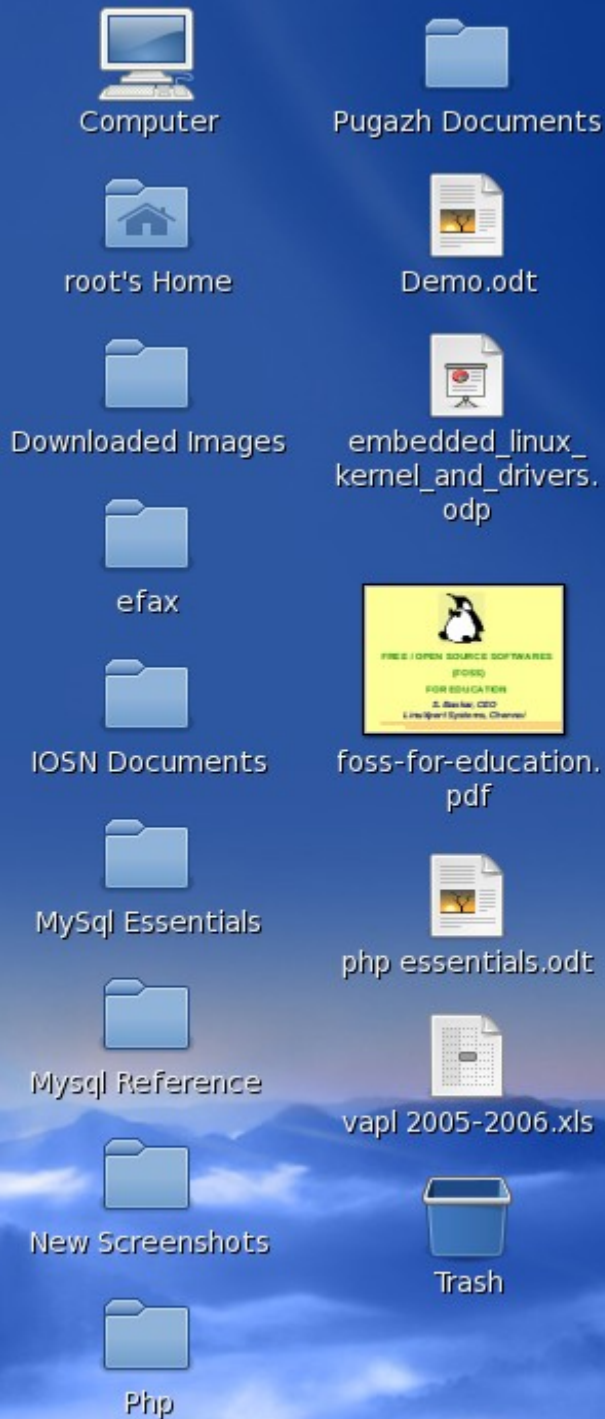
OK

Io: <live capture in progress> File: /tmp/etherXXXXvch3HO 9828 Bytes P: 86 D: 86 M: 0



LINUX SYSTEM TOOLS

GCalcTool – The Calculator for GNOME Desktop



GParted – The Harddisk Partition Editor

/dev/sda - GParted

GParted Edit View Device Partition Help

New Delete Resize/Move Copy Paste Undo Apply

/dev/sda (298.09 GiB)

Partition	Filesystem	Mountpoint	Label	Size	Used	Unused	Flags
/dev/sda1	ext3	/mnt/sda1		10.00 GiB	4.75 GiB	5.26 GiB	boot
▼ /dev/sda2	extended			288.08 GiB	---	---	lba
/dev/sda5	linux-swap			964.81 MiB	---	---	
/dev/sda6	ext3	/mnt/sda6	/1234567	10.25 GiB	4.14 GiB		
/dev/sda7	ext3	/mnt/sda7	/12345	10.25 GiB	4.91 GiB		
/dev/sda8	ext3	/mnt/sda8	/1234	10.25 GiB	5.32 GiB		
/dev/sda9	ext3	/mnt/sda9	/	10.25 GiB	6.31 GiB		
/dev/sda10	ext3	/mnt/sda10	/1	12.69 GiB	9.56 GiB		
/dev/sda11	ext3	/mnt/sda11	/12	13.05 GiB	7.21 GiB		
/dev/sda12	ext3	/mnt/sda12	/123	14.65 GiB	9.44 GiB		
/dev/sda13	ext3	/mnt/sda13	/123456	13.98 GiB	8.18 GiB		
/dev/sda14	ext3	/	/12345678	13.98 GiB	9.12 GiB		
/dev/sda15	ext3	/mnt/sda15		177.80 GiB	26.97 GiB		

About GParted

GParted 0.3.3
 GNOME Partition Editor
 Copyright © 2004-2006 Bart Hakvoort
<http://gparted.sourceforge.net>

Credits Close

0 operations pending

Beagle – A Local Search Engine for Desktop Search



Desktop Search: Documents

Search View Help

Find: Documents

▼ **Applications** 1-2 of 8

Word Processor Create and edit text and graphics in lette... **Document Viewer** View multipage documents

▼ **Folders** 1 result

Documents
Empty

About Beagle Search

Beagle Search 0.2.16.2

Copyright 2005-2006 Novell, Inc.

Documents
Last Edited: August 5
Full Path: /home/baskar/Documents
Empty

Showing the top 9 of 10 total matches

Disk Usage Analyzer

Disk Usage Analyzer

Analyzer Edit View Help


Scan Home Scan Filesystem Scan Folder Scan Remote Folder Stop Refresh

Total filesystem capacity: **291.6 GB** (used: 114.9 GB available: 176.7 GB)

Folder	Usage	Size	Contents
root	100 %	1.1 GB	105 item
. ccache	77.9 %	865.6 MB	17 item
Documents	7.5 %	83.1 MB	23 item
Desktop	6.7 %	74.4 MB	7 item
.Tracker	2.9 %	32.4 MB	5 item
.kde	1.8 %	20.1 MB	2 item
.thumbnails	0.5 %	5.5 MB	3 item
.config	0.4 %	4.7 MB	9 item
.openoffice.org2.0	0.4 %	4.5 MB	1 item
.mozilla	0.3 %	3.7 MB	1 item
.gimp-2.2	0.3 %	3.7 MB	33 item
.thunderbird	0.3 %	3.5 MB	2 item
.local	0.3 %	3.4 MB	1 item
.gconf			
.gnome2			
.beagle			
.mcop			
.nautilus			
.redhat			
.assistant			
.evolution			
.metacity			

Documents
83.1 MB

About Baobab



Baobab 2.18.0

A graphical tool to analyze disk usage.

Fabio Marzocca <thesaltydog@gmail.com> © 2005-2006

Credits License Close

Ready

Applications Places System root Mon Oct 8, 7:07:13 AM

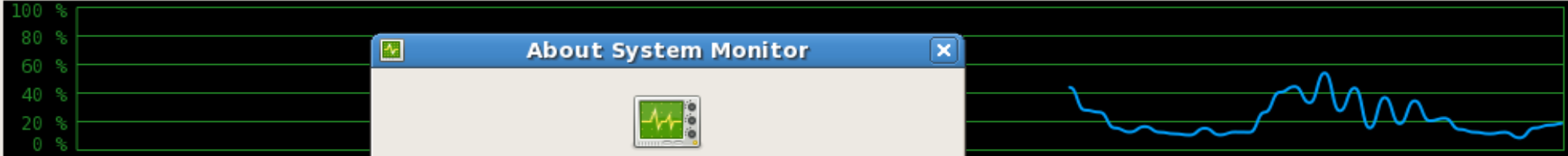
System Monitor – View Current Processes and Monitor System State

System Monitor [-] [□] [×]

Monitor Edit View Help

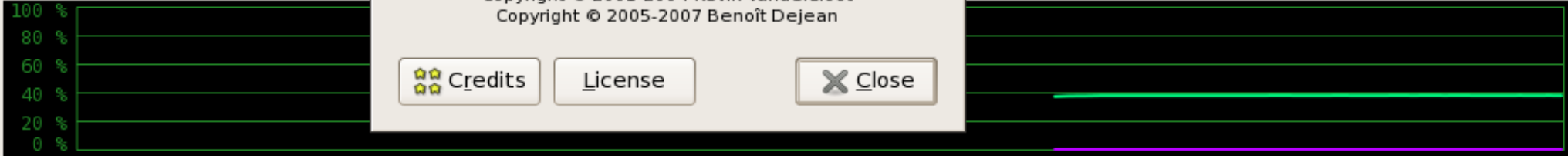
System Processes Resources File Systems

CPU History



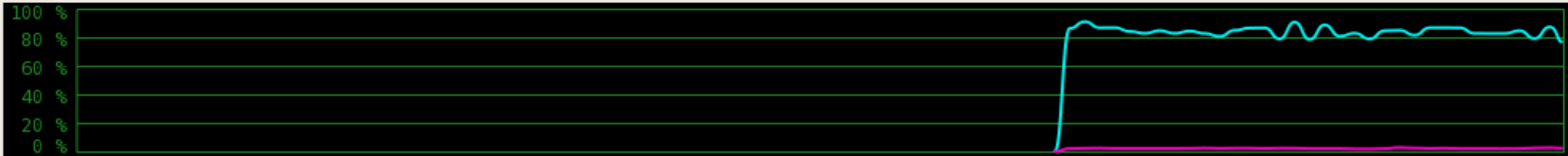
CPU: 18.2%

Memory and Swap History




User memory: 183.7 MiB of 487.1 MiB 37.7 %
Used swap: 56.0 KiB of 996.2 MiB 0.0 %

Network History



Received: 57.7 KiB/s Total: 3.2 GiB
Sent: 1.7 KiB/s Total: 564.6 MiB

About System Monitor



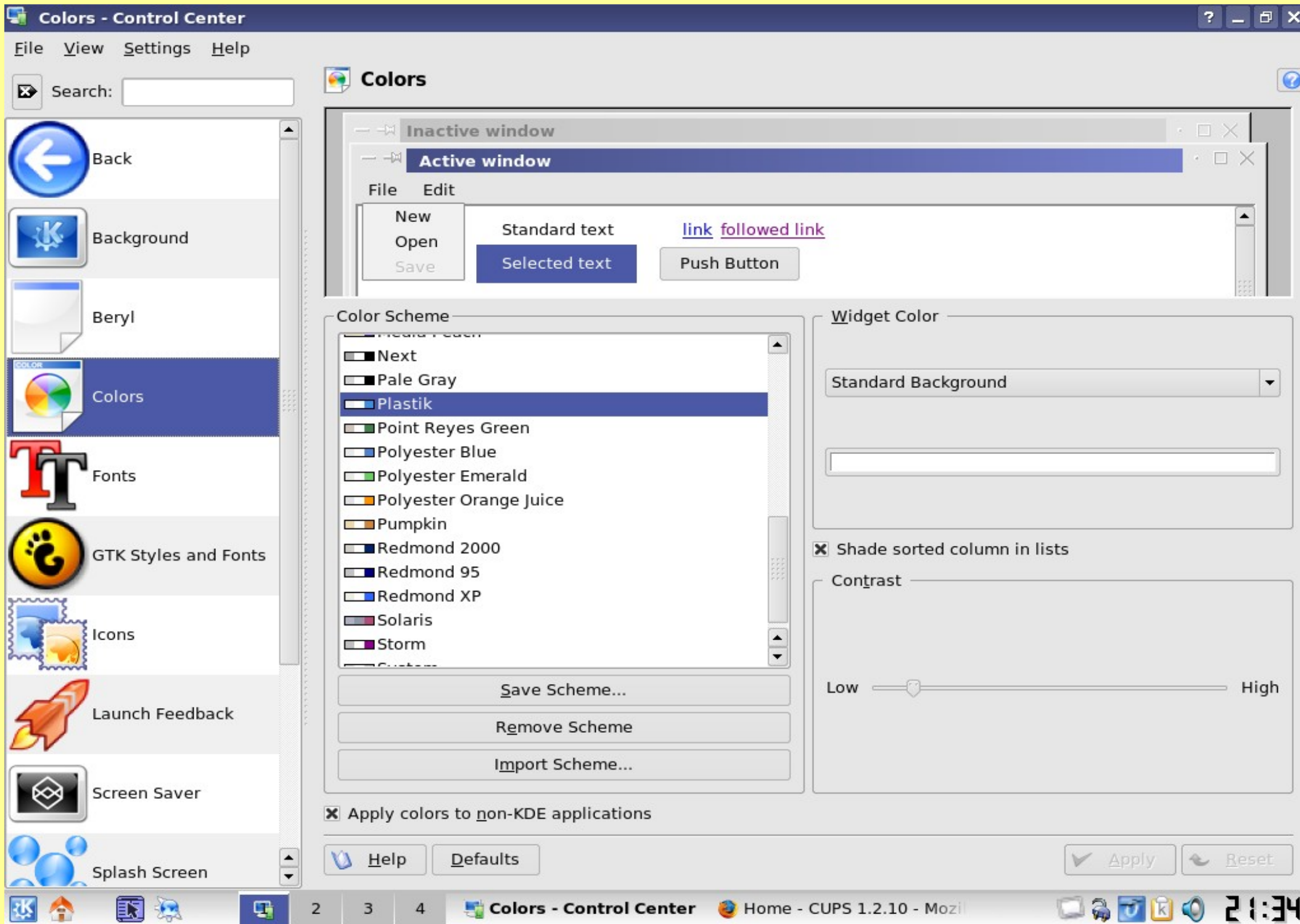
System Monitor 2.18.0

View current processes and monitor system state

Copyright © 2001-2004 Kevin Vandersloot
Copyright © 2005-2007 Benoît Dejean

Credits License Close

KDE Control Center



The screenshot shows the KDE Control Center window titled "Colors - Control Center". The window has a menu bar with "File", "View", "Settings", and "Help". Below the menu bar is a search field. On the left side, there is a vertical sidebar with various system settings icons: Back, Background, Beryl, Colors (selected), Fonts, GTK Styles and Fonts, Icons, Launch Feedback, Screen Saver, and Splash Screen. The main area is titled "Colors" and contains a preview window at the top showing a window with a menu (File, Edit) and buttons (New, Open, Save, Selected text, Push Button). Below the preview is a "Color Scheme" list with options like Next, Pale Gray, Plastik (selected), Point Reyes Green, Polyester Blue, Polyester Emerald, Polyester Orange Juice, Pumpkin, Redmond 2000, Redmond 95, Redmond XP, Solaris, and Storm. There are buttons for "Save Scheme...", "Remove Scheme", and "Import Scheme...". To the right of the color scheme list is a "Widget Color" section with a dropdown menu set to "Standard Background" and a color selection field. Below that is a checkbox for "Shade sorted column in lists" which is checked. At the bottom right of the widget color section is a "Contrast" slider ranging from "Low" to "High". At the bottom of the main area, there is a checkbox for "Apply colors to non-KDE applications" which is checked. The bottom of the window has "Help" and "Defaults" buttons, and a bottom-right corner with "Apply" and "Reset" buttons. The system tray at the very bottom shows the taskbar with icons for KDE, Home, Colors - Control Center, Home - CUPS 1.2.10 - Mozilla, and a clock showing 21:34.

Printer Installation using KDE Control Center

The screenshot shows the KDE Control Center window titled "Printers - Control Center". The main window displays a list of printers, with "Advanced Faxing Tool (ksendfax)" selected. An "Add Printer Wizard" dialog is open in the foreground, showing an introduction screen. The dialog features a "KDE Print" logo and an image of a computer and a printer. The text in the dialog reads: "Introduction", "Welcome,", "This wizard will help to install a new printer on your computer. It will guide you through the various steps of the process of installing and configuring a printer for your printing system. At each step, you can always go back using the **Back** button.", "We hope you'll enjoy this tool!", and "[The KDE printing team.](\"#\")". At the bottom of the dialog are buttons for "Help", "< Back", "Next >", and "Cancel".

Printers - Control Center

File View Settings Help

Search:

Printers

Add Printer Print Server Print Manager View Documentation

- Advanced Faxing Tool (ksendfax)
- Mail PDF File
- Print to File (PDF)
- Print to File (PostScript)
- Send to Fax

Add Printer Wizard

Introduction

Welcome,

This wizard will help to install a new printer on your computer. It will guide you through the various steps of the process of installing and configuring a printer for your printing system. At each step, you can always go back using the **Back** button.

We hope you'll enjoy this tool!

[The KDE printing team.](#)

Help < Back Next > Cancel

Server: /var/run/cups/cups.sock

2 3 4 Printers - Control Center Home - CUPS 1.2.10 - Mozilla 21:26

Availability of Printer Drivers in Linux (Almost all Mfrs./Models)

Add Printer Wizard

Printer Model Selection

Manufacturer:


- ALPS
- ANITECH
- APOLLO
- APPLE
- AVERY
- BROTHER
- CANON
- CITIZEN
- CITOH
- COMPAQ
- DEC
- DELL
- DYMO
- DYMO-COSTAR
- EPSON
- ESP
- FUJIFILM
- FUJITSU
- GENERIC
- GESTETNER
- HEIDELBERG
- HITACHI
- HP**
- IBM
- IMAGEN
- INFOTEC


Model:


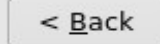

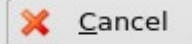
- Deskjet Series
- e-printer e20
- Fax
- LaserJet
- LaserJet 1010**
- LaserJet 1012
- LaserJet 1015
- LaserJet 1100
- LaserJet 1100A
- LaserJet 1150
- LaserJet 1160
- LaserJet 1200
- LaserJet 1220
- LaserJet 1300
- LaserJet 1300 Series
- LaserJet 1320
- LaserJet 1320 series
- LaserJet 2
- LaserJet 2 w/PS
- LaserJet 2100
- LaserJet 2100 Series
- LaserJet 2100M
- LaserJet 2200
- LaserJet 2300
- LaserJet 2410
- LaserJet 2420
- LaserJet 2430

PostScript printer

Raw printer (no driver needed)





CUPS – Remotely Manage / Monitor your Printer using Browser

Printers - CUPS 1.2.10 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://localhost:631/printers/

Release Notes Fedora Project Red Hat Free Content

Printers

Home Administration Classes Documentation/Help Jobs **Printers**

Search in Printers: Search Clear

Showing 1 of 1 printer.

Sort Descending

HP1010

 **Description:** HP LaserJet 1010
Location:
Make and Model: HP LaserJet 1010 Foomatic/hpijs (recommended)
Printer State: idle, accepting jobs, published.
Device URI: `usb,#{E1}#{E1}`

Print Test Page Stop Printer Reject Jobs Move All Jobs Cancel All Jobs Unpublish Printer Modify Printer

Set Printer Options Delete Printer Set As Default Set Allowed Users

Sort Descending

Done

Printers - CUPS 1.2.10 -

21:35

KBackup – A Simple Graphical Backup Tool in Linux

KBackup

File Settings Help

Name	Size	Last Modified
<input type="checkbox"/> .autofsck	0 B	2007-10-04 22:03
<input type="checkbox"/> .automount	4.0 KB	2007-03-13 21:01
<input type="checkbox"/> .autorelabel	0 B	2007-08-05 19:56
<input type="checkbox"/> bin	4.0 KB	2007-09-19 21:53
<input type="checkbox"/> boot	4.0 KB	2007-09-27 01:49
<input type="checkbox"/> dev	3.9 KB	2007-10-04 22:04
<input type="checkbox"/> etc	16.0 KB	2007-10-04 22:04
<input checked="" type="checkbox"/> home	4.0 KB	2007-08-05 19:54
<input type="checkbox"/> lib	4.0 KB	2007-09-08 23:56
<input type="checkbox"/> media	4.0 KB	2007-10-04 22:04
<input type="checkbox"/> misc	0 B	2007-10-04 22:04
<input type="checkbox"/> mnt	4.0 KB	2007-10-01 22:13
<input type="checkbox"/> net	0 B	2007-10-04 22:04
<input type="checkbox"/> opt	4.0 KB	2007-08-05 23:04
<input type="checkbox"/> proc	0 B	2007-10-04 22:03
<input checked="" type="checkbox"/> root	4.0 KB	2007-10-04 22:08
<input type="checkbox"/> sbin	16.0 KB	2007-09-19 01:03
<input type="checkbox"/> selinux	4.0 KB	2007-08-05 19:23
<input type="checkbox"/> srv	4.0 KB	2007-08-13 22:04
<input type="checkbox"/> sys	0 B	2007-10-04 22:03
<input type="checkbox"/> tftpboot	4.0 KB	2007-10-01 22:15
<input type="checkbox"/> tmp	4.0 KB	2007-10-04 22:08
<input type="checkbox"/> usr	4.0 KB	2007-09-08 23:55
<input type="checkbox"/> var	4.0 KB	2007-08-13 22:02

Start Backup **Cancel Backup**

Target

Folder: /tmp Size: 13.5 GB

Medium: 1 86%

Totals


Files: 819 Size: 0.08 MB Duration: 00:00:15

/home/baskar/.nautilus/saved-session-T64UWT
/home/baskar/.openoffice.org2.0
/home/baskar/.openoffice.org2.0/user
/home/baskar/.openoffice.org2.0/user/autocorr
/home/baskar/.openoffice.org2.0/user/autotext
/home/baskar/.openoffice.org2.0/user/autotext/mytexts.bau
/home/baskar/.openoffice.org2.0/user/backup
/home/baskar/.openoffice.org2.0/user/basic
/home/baskar/.openoffice.org2.0/user/basic/dialog.xlc
/home/baskar/.openoffice.org2.0/user/basic/script.xlc
/home/baskar/.openoffice.org2.0/user/basic/Standard
/home/baskar/.openoffice.org2.0/user/basic/Standard/dialog.xlb
/home/baskar/.openoffice.org2.0/user/basic/Standard/Module1.xba
/home/baskar/.openoffice.org2.0/user/basic/Standard/script.xlb
/home/baskar/.openoffice.org2.0/user/config
/home/baskar/.openoffice.org2.0/user/config/arrowhd_bg.soe

Warnings:

Monitor Selection in Linux



Monitor

 **Please select the model of your monitor.**

▼ Samsung

- Samsung 15GLSi
- Samsung 17GLi
- Samsung 17GLSi
- Samsung 5b (CKB52*)
- Samsung 5e (CKA52*)
- Samsung 7e (CKB72*)
- Samsung 900DF
- Samsung 990DF
- Samsung CSA-7571
- Samsung CT-4581
- Samsung MF-4771
- Samsung Samtron 40Bn
- Samsung Samtron 40B
- Samsung Samtron 45B(n)
- Samsung Samtron 4Bi
- Samsung Samtron 50B
- Samsung Samtron 50(M)E
- Samsung Samtron 55B (Plus)
- Samsung Samtron 55(M)E (Plus)
- Samsung Samtron 55v
- Samsung Samtron 56E/57E/56V

Show all available monitors

Applications Places System  root 11:26 PM 

Video Card Selection in Linux

Video Card



Please select the model of your video card.

- amd - Vendor-supplied driver for amd cards
- apm - Alliance ProMotion cards, including AT24, AT3D, and AT25
- ark - ARK Logic chipsets
- ast - ASpeedTech chipsets
- ati - ATI Mach8, Mach32, Mach64, and RageXL cards
- chips - Chips and Technologies chipsets, including CT655xx, CT64xxx, CT68xxx, and CT690x0
- cirrus - Cirrus CL-GD54xx/7548 cards
- cyrix - Cyrix MediaGX, MediaGXi, and MediaGXm processors
- fbdev - Linux FrameBuffer
- glint - 3DLabs/Texas Instruments GLINT and Permedia cards
- i128 - Number 9 Imagine 128 cards
- i740 - Intel I740 chipset
- i810 - Intel Integrated Graphics Chipsets, including i810, i815, 830M, 845G, 852GM, 855GM, 865G, 915G, 915GM, and 945GM
- intel - Experimental modesetting driver for Intel integrated graphics chipsets
- mga - Matrox Millennium, Mystique, Millennium II, G100, G200, G400, G450, G550
- neomagic - NeoMagic MagicGraph 128, 256
- nouveau - Vendor-supplied driver for nouveau cards
- nsc - National Semiconductors Geode Processor
- nv - nVidia Riva 128, RIVA TNT, GeForce, nForce, and QUADRO cards
- r128 - ATI Rage128 cards, including Rage Fury, XPERT 128, and XPERT 99
- radeon - ATI Radeon cards, including Radeon Mobility and FireGL
- rendition - Rendition/Micron Verite cards, including Diamond Stealth II S220

Reset to default

Cancel

OK

HAL – The Device Manager in Linux

The screenshot shows the HAL Device Manager application window. The left pane displays a tree view of system devices, with the 'VT8233/A/8235/8237 AC97 Audio Controller' selected. The right pane shows a table of properties for this device.

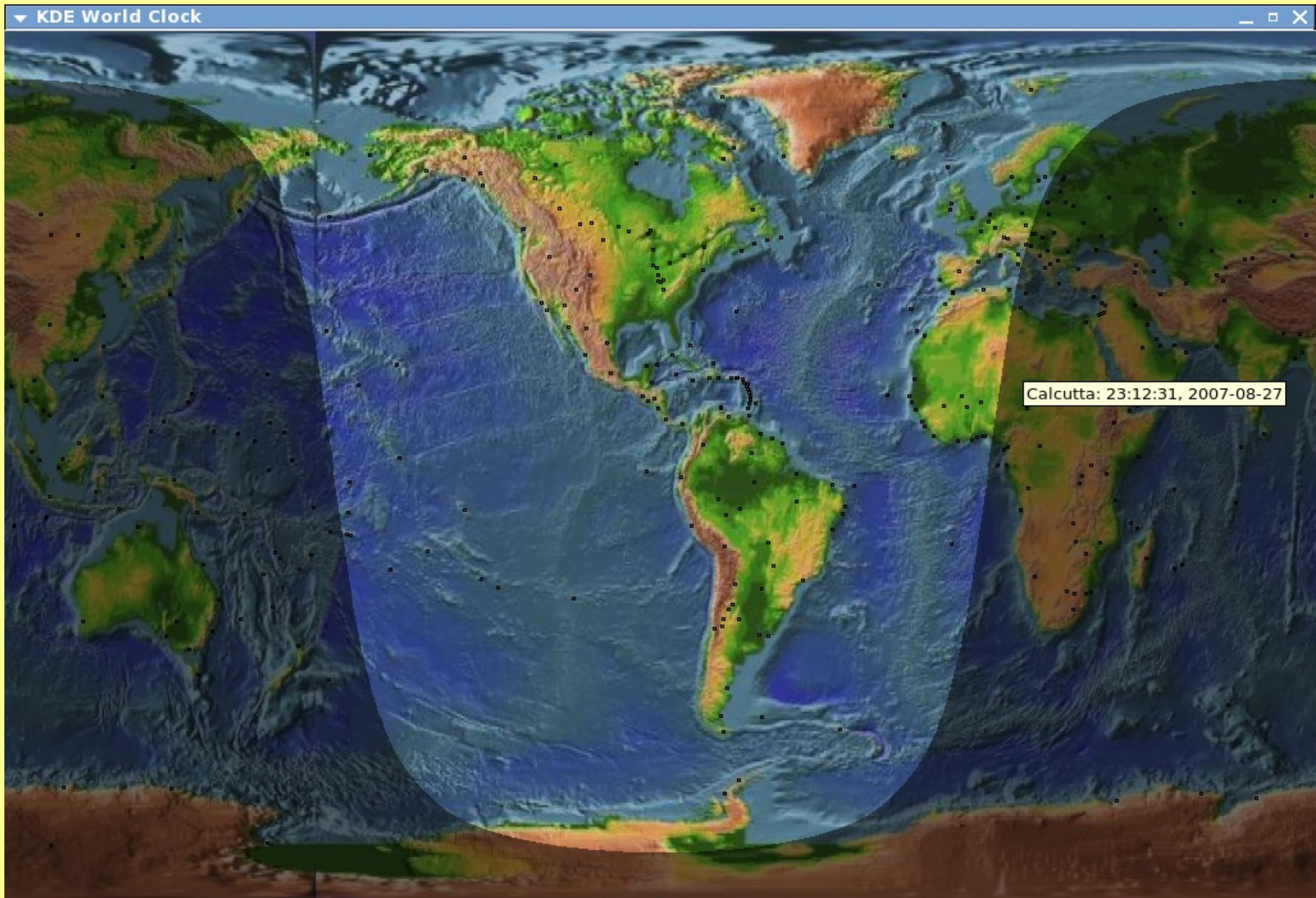
Key	Type	Value
info.bus	strlist	pci
info.linux.driver	strlist	VIA 82xx Audio
info.parent	strlist	/org/freedesktop/Hal/devices/computer
info.product	strlist	VT8233/A/8235/8237 AC97 Audio Controller
info.subsystem	strlist	pci
info.udi	strlist	/org/freedesktop/Hal/devices/pci_1106_3059
info.vendor	strlist	VIA Technologies, Inc.
linux.hotplug_type	strlist	2
linux.subsystem	strlist	pci
linux.sysfs_path	strlist	/sys/devices/pci0000:00/0000:00:11.5
pci.device_class	strlist	4
pci.device_protocol	strlist	0
pci.device_subclass	strlist	1
pci.linux.sysfs_path	strlist	/sys
pci.product	strlist	V
pci.product_id	strlist	1
pci.subsys_product_id	strlist	3
pci.subsys_vendor	strlist	A
pci.subsys_vendor_id	strlist	4
pci.vendor	strlist	V
pci.vendor_id	strlist	4

The 'About HAL Device Manager' dialog box is open, displaying the following text:

HAL Device Manager 0.5.9
This application shows information about hardware on your system
Copyright (C) 2003 David Zeuthen.

Buttons: Credits, Close


KDE World Clock



GNOME Terminal – The Command Window in Linux

```
root@baskar:~  
File Edit View Terminal Tabs Help  
:  
!  
./  
[  
[[  
]]  
{  
}  
411toppm  
7za  
a+  
a2p  
a2ping  
a2ps  
ab  
abc2ly  
abcm2ps  
abichack  
abiword  
AbiWord-2.4  
ac  
accept  
accton  
achfile  
aclocal  
aclocal-1.10  
aclocal-1.4  
aclocal-1.5  
aclocal-1.6  
aclocal-1.7  
aconnect  
acpi  
acpid  
acpi_listen  
acpitool  
activation-client  
acyclic  
adddebug  
addftinfo  
--More--  
hal-disable-polling  
hal-find-by-capability  
hal-find-by-property  
hal-get-property  
hal-is-caller-locked-out  
hal-lock  
hal-set-property  
halt  
hangman  
hardlink  
hash  
hastags  
hattrib  
hcd  
hciattach  
hciconfig  
hcid  
hcidump  
hciemu  
hctool  
hcopy  
hddtemp  
hdel  
hdifftopam  
hdir  
hdparm  
head  
HEAD  
heliodor  
helios  
help  
help2txt  
help-desk  
hercific  
herclin  
hercules  
hercules-run  
hetget  
hetinit  
pg_filedump  
pgmabel  
pgmbentley  
pgmcrater  
pgmdeshadow  
pgmedge  
pgmenhance  
pgmhist  
pgmkernel  
pgmmake  
pgmmmedian  
pgmminkowski  
pgmmorphconv  
pgmnoise  
pgmnorm  
pgmoil  
pgmramp  
pgmslice  
pgmtexture  
pgmtofs  
pgmtolisp  
pgmtopbm  
pgmtopgm  
pgmtoppm
```




About GNOME Terminal



GNOME Terminal 2.18.0

A terminal emulator for the GNOME desktop

Copyright © 2002-2004 Havoc Pennington
Copyright © 2003-2004 Mariano Suárez-Alvarez
Copyright © 2006 Guilherme de S. Pastore

 Credits  License  Close

Job Opportunities in Linux

1. Linux User Level
 2. System Administrator
 3. Network Administrator
 4. Security Administrator
 5. Kernel Customization Specialists
 6. Application Developers
 7. Application Porting Consultants
-
-

Useful Websites on FOSS/Linux

1. www.kernel.org
 2. www.google.com/linux
 3. www.linux.org
 4. www.fsf.org
 5. www.iosn.net
 6. www.tldp.org
 7. www.sourceforge.net
 8. www.distrowatch.com
-
-

Popular Linux/BSD Distributions

1. Redhat Linux - www.redhat.com
 2. Fedora Core - www.fedoraproject.org
 3. Mandriva - www.mandriva.com
 4. OpenSuse - www.opensuse.org
 5. CentOS - www.centos.org
 6. Debian - www.debian.org
 7. Slackware - www.slackware.com
 8. FreeBSD - www.freebsd.org
 9. NetBSD - www.netbsd.org
 10. BOSS - www.bosslinux.in
-
-

Magazines on Linux

1. Linux Journal - www.linuxjournal.com
 2. Linux Magazine - www.linux-mag.com
 3. Linux Focus - www.linuxfocus.org
 4. Linux For You - www.openitis.com
 5. Linux Gazette - linuxgazette.net
-
-

NRC-FOSS in India

The National Resource Centre for Free/Open Source Software (NRC-FOSS) is funded by the [Department of Information Technology \(DIT\)](#), Ministry of Communication and Information Technology (MCIT), Govt. of India, and is being managed jointly by the Chennai division of the [Centre for Development of Advanced Computing \(C-DAC\)](#) and [AU-KBC Research Centre](#), Anna University, Chennai.

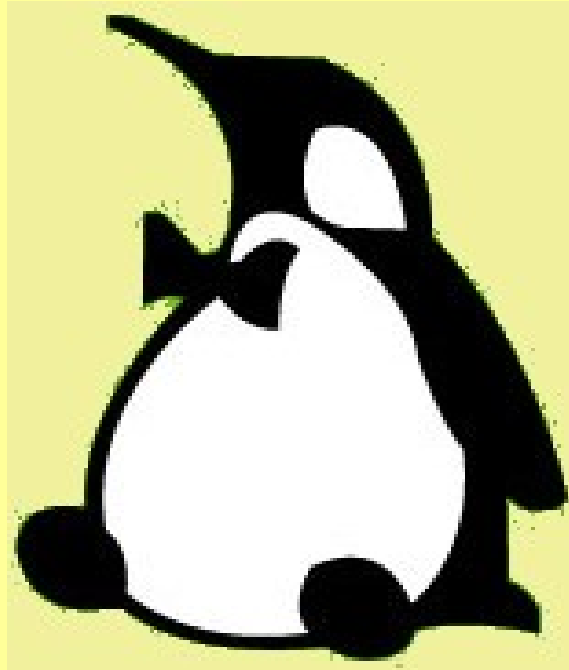
C-DAC is an Autonomous Scientific Society of the DIT, Govt. of India and AU-KBC Research Centre is an Autonomous Research Centre of the Anna University.

NRC-FOSS aims to contribute to the growth of **FOSS** in India through Research and Development.

Following are the major Programs and Activities of NRC-FOSS:

- * Human Resource Development in FOSS
- * Technology, Tools, Products and Solutions development/deployment in FOSS
- * Localisation in Indian languages, and Indian Language Computing
- * Policy Formulation and Global Networking
- * Entrepreneurship Development in FOSS

Source: <http://www.nrcfoss.org.in>



THE EXPERT'S EXCERPT

In the Education segment, a lot of syllabus is still based on proprietary software and that is where government policy can be a great advantage.

The primary challenge for us is to create a mind set for OSS. Government policy should be proactive in introducing open source in the education segment.

Usage of proprietary material in education is totally opposition to the concept of education. Education should be such that it teaches principles, and not products.

Mr. Venkatesh Hariharan
Head of Open Source Affairs, Red Hat India
- Linux For You, February 2007

Almost 80 percent of students ends up building a never-deployable *library management systems*, which should be replaced by a **learn-and-work** approach, which can later be absorbed by industry.

Open Source development is not just about writing code that can be copied. It is about developing effective leadership, vision and sustained contribution to the progress of Technology

Girish Shukla
Jabalpur – Linux User Group

- Linux For You, February 2007

Linux in Banking, Financial Services, Insurance (BFSI)

“The Development of Linux is good for the industry on the whole. It's an attractive alternative, and since competition drives development, today Linux is getting better with use.”

Sanjay Sharma, Head – IT, IDBI

“In the BFSI industry, scalability, security, performance and stability of an operating system are extremely crucial. With a million eyeballs looking continuously at the code, bugs are fixed faster than they can be exploited.

Sachin Dabir, Head – Enterprise Sales,
Red Hat India Pvt. Ltd. (LFY, October 2006)

FOSS in Government (Tamilnadu)

Electronics Corporation of Tamilnadu (ELCOT) has been using Free/Open Source Software in all its operations, including e-governance software development.

“All our servers runs Linux. Every desktop and laptop runs only Linux. Everything from the photocopiers, scanners, printers and digital cameras to the laptops is Linux compatible. The Internet data cards are Linux complaint. If a product is not Linux complaint, it cannot even compete in an ELCOT tender.”

Mr. C. Umashankar, MD, ELCOT
- Linux For You, January '2007

FOSS in Government (Kerala)

We believe that **Free and Open Source Software** is an essential component in our drive to democratise Information Technology and bring its benefits to all sections of society. We are pleased to partner with Red Hat, an open source leader, in bringing e-literacy and e-governance to the people of Kerala.

V.S. Achutanandan, Chief Minister, Kerala

- Linux For You, July '2007

FOSS Development Tools for Education

Development Tools are an area where open source software is particularly strong, with which most development tasks can be performed. I continue to look open source tools for software development and I am particularly interested in finding high quality open source tools for modelling and design requirements

Dr. Anthony Wasserman
Professor of Software Engineering Practice
Carnegie Mellon University

- Linux For You, April 2007

Free/Libre Open Source Softwares (FLOSS) is an issue of conviction, not convenience. It's a question of freedom, not zero-cost (though affordability also reduces barriers in a resource-poor, talent-rich country like India).

With so much skill visible all around, how can we even think otherwise? As Anriette Esterhuysen of the Association for Progressive Communications, has argued

**“Piracy will create jobs,
but**

Free Software will create Entrepreneurship!”

Frederick Noronha, Goa based Freelance Journalist
- Linux For You, February '2007

GNOME / KDE

The Future Desktop's of Personal Computing

“If common people start participating in any war, then it is impossible for any army to defeat a country and it's people. So is the case with **Free / Open Source Softwares** versus **Proprietary Softwares**.

Eventually, the people's desktops – GNOME and KDE are going to win”.

Amanpreet Singh Alam
Punjabi Localisation Enthusiast

- Linux For You, February '2007



Dr. Kalam's Message to Nation on **Free / Open Source Softwares**

“The most unfortunate thing is that India still seems to believe in proprietary solutions. Further spread of IT, which is influencing the daily life of individuals, would have a devastating effect on the lives of society due to any small shift in the business practice involving these proprietary solutions. It is precisely for these reasons, open source software need to be built, which would be cost-effective for the entire society. In India, open source code software will have to come and stay in a big way for the benefit of our billion people.”

Proprietary (Copyright) Softwares

Vs

Free / Open Source Softwares

Why Not, Proprietary Softwares in Education ?

Proprietary software Limits the students in knowing / learning the newer technologies arising everyday which should not be permitted in education.

Why Free / Open Source Softwares in Education ?

Students can keep learning about newer technologies, softwares which is being developed continuously and they can also contribute themselves to those technologies / softwares and even get recognised by the Global Software Development Community.

Why FOSS for Education ?

**Education should teach the
Concepts & Principles in
Computing using FOSS**

and not through products!

About LinuXpert Systems

- * Provides Consultancy on FOSS
 - * FOSS Based Training Solutions
 - * FOSS Based Business Solutions
 - * Free/Open Source Softwares & GNU/Linux Distributions (CD/DVD)
 - * Promotes use of Free Softwares in Education
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Questions

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