



Using Linux as a desktop

By: Kevin Moseley

ubuntu

Presentation Outline



- Overview of presentation
- Selecting a distribution
- What people do on their desktops
- What apps are available for Linux
- Conversion challenges
- Demonstration

Overview



- Goals of this presentation
 - Provide overview of Linux on a desktop
 - Identify challenges to using Linux
 - Provide solutions for these challenges
 - Back and forth discussion
 - Have you convert friends and family

Common Linux Misconceptions



- Linux is hard!
- I have to know the command line
- Linux requires special hardware

So you decided to go Linux!



- Linux is easier to install than before
- Wide choice of distributions:
 - Slackware
 - Gentoo
 - RedHat/Fedora
 - Ubuntu
- Desktop environments
 - KDE
 - GNOME
 - XFCE

Common Desktop Uses



- Finances
- Creating documents / spreadsheets
- Watch DVD's / Listen to music
- Surf the web and compose email
- Sync iPods / Rip Mp3s
- IM / Webcam chats
- Editing pictures
- Programming

Financial application – GNUCash



*<no file> - Checking Account

File Edit View Transaction Actions Business Reports Tools Windows Help

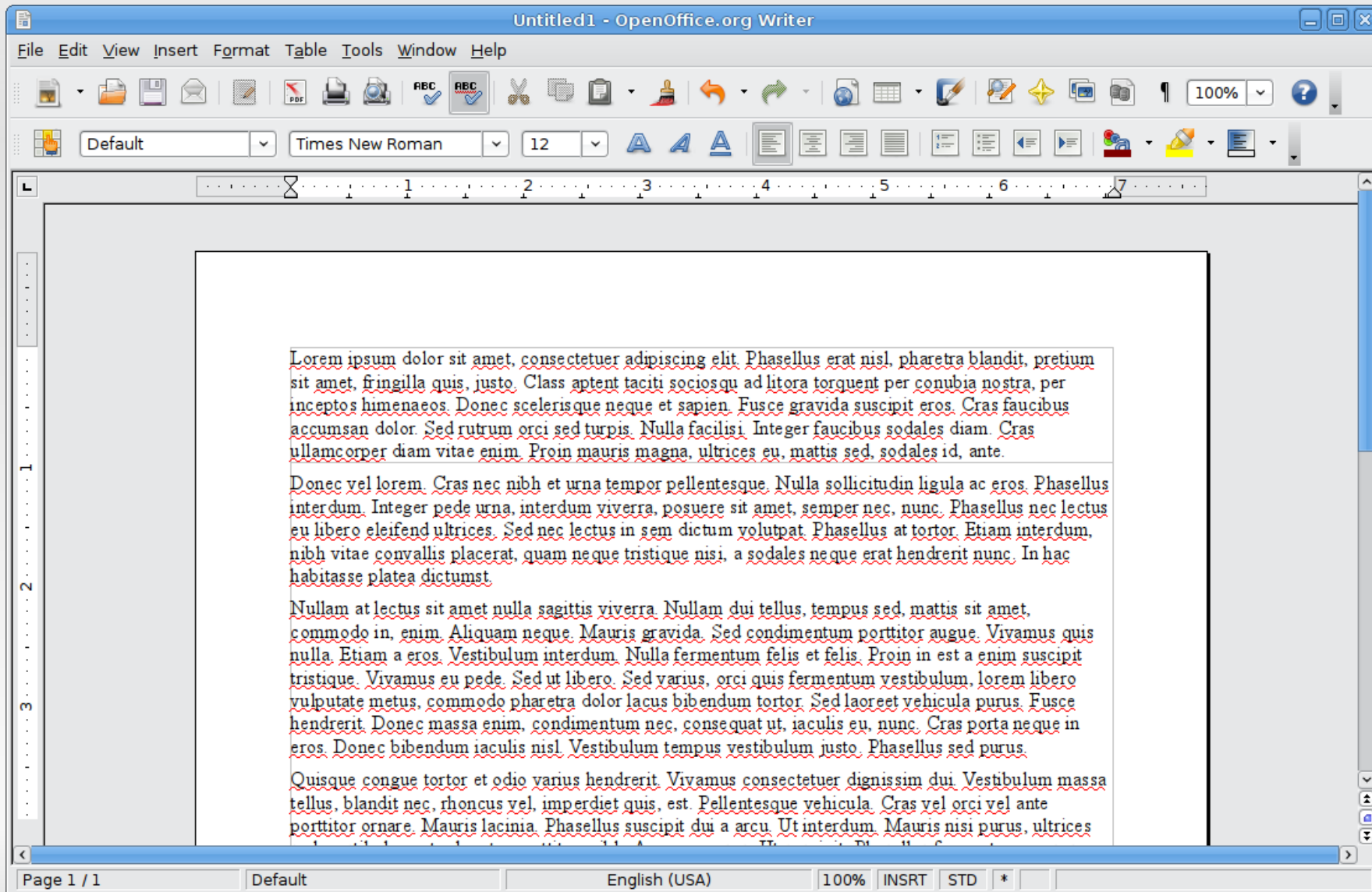
Save Close Duplicate Delete Enter Cancel Blank Split Jump Schedule

Accounts Checking Account

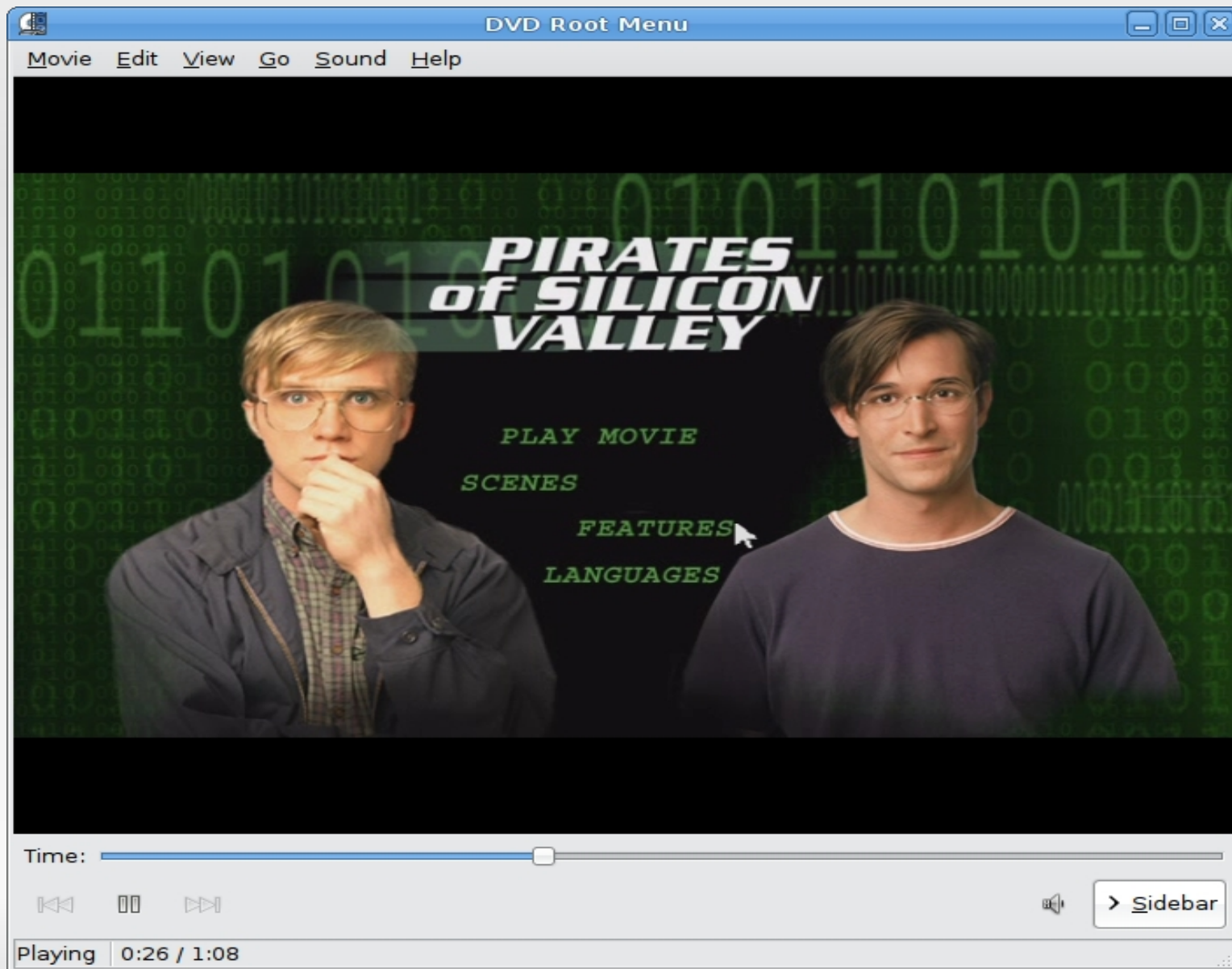
Date	Num	Description	Transfer	R	Deposit	Withdrawal	Ba
08/25/2008			Imbalance-USD	n	10,000.00		
08/25/2008	<i>Num</i>	<i>Description</i>	<i>Transfer</i>	n	<i>Deposit</i>		

Present: \$10,000.00 Future: \$10,000.00 Cleared: \$0.00 Reconciled: \$0.00 Projected Minimum: \$10,000.00

Creating documents – OpenOffice



Watching DVD's - Xine



Listening to Music - Rhythmbox



Music Player (Paused)

Music Edit View Control Help

Play Previous Next Repeat Shuffle Browse Visualization

Not Playing

Library

- Play Queue
- Music
- Podcasts
- Last.fm
- Radio

Stores

- Magnatune
- Jamendo

Playlists

- My Top Rated
- Recently Added
- Recently Played
- Code Motivation
- Young Jizzy Feat. Kanye ...

Search: All Artists Albums Titles

Artist: All 357 artists (859)
2pac (1)

Album: All 255 albums (859)
15 (1)

Track	Title	Genre	Artist	Album	Time
	You Oughta Know	Comedy	Alanis Morissette	Jagged Little Pill	4:06
12	No One	Pop	Alicia Keys	Now That's What I ...	4:13
29	Roses	Rap	Andre 3000	Speakerboxxx/The...	6:09
	parlayin.mp3	Unknown	Ant Banks	The Big Bad Ass	4:11
1	The big badass	misc	Ant Banks	The Big Bad Ass	5:30
9	Pimp style gangst...	Unknown	Ant Banks	The Big Bad Ass	3:47
1	Track 01	genre	artist	title	3:52
2	Track 02	Other	artist	title	3:41
	still on it 92 bpm	Hip-Hop	ashanti feat pall ...	Peep Vol 73 Vinyl	4:14
	Lala	Other	Ashlee Simpson	Autobiography	3:44
9	A Vampire's Lam...	Metal	Atreyu	Suicide Notes and...	3:19
1	Blood Children (A...	Heavy Metal	Atreyu	The Curse	1:14
2	Bleeding Mascara	Heavy Metal	Atreyu	The Curse	2:26

859 songs, 2 days, 14 hours and 13 minutes, 4.0 GB

Surfing the web - Firefox



Slashdot: News for nerds, stuff that matters - Mozilla Firefox

File Edit View History Bookmarks Tools Help

sl

Disable Cookies CSS

Slashdot

Log In Create Account

Sections

- Main
- Apple
- AskSlashdot
- Backslash
- Books
- Developers
- Games
- Hardware
- IT
- Idle
- Index
- Interviews
- Linux
- Mobile
- Politics
- Science
- Technology
- YRO

Help

Slashdot: News for nerds, stuff that matters
<http://slashdot.org/>

OpenLDAP 2.1 Administrator's Guide: Running slapd
http://www.openldap.org/doc/admin21/running_slapd.html

slapd debug levels - Google Search
<http://www.google.com/search?q=slapd+debug+levels&ie=utf-8&oe=utf-8&aq=t&rls=com.ubi>

Slashdot | NIST Releases Report On WTC 7 Collapse
<http://science.slashdot.org/science/08/08/24/1616249.shtml>

Panda Land
<http://www.theatlantic.com/slideshows/pandas/>

Slashdot | Facebook & Myspace Taking Some Spammers To Court
<http://it.slashdot.org/it/08/08/24/0010201.shtml>

Slashdot is powered by **your submissions**, so send in your scoop

Games: [Sony Guarantees Playstation "Home" Launch Before 2009](#)

Your Rights Online: Websites Still Failing Basic Privacy Practices

Posted by **kdawson** on Monday August 25, @09:58PM
from the **after-all-these-years** dept.

DigitAl56K writes

"Large companies still can't seem to get the basics of privacy and security on the Web pulled together. Today I went to enter a [competition from Duracell to win a Nintendo Wii](#) by filling out an online form. It requires entering your full name, address, and date of birth, and then proceeds to submit it via an unencrypted HTTP POST. The ultimate irony is the message at the bottom of the page that reads: *'Trust is a cornerstone of our corporate mission, and the success of our business depends on it. P&G is committed to maintaining your trust by protecting personal information we collect.'* Which websites have you found to be lacking in their basic privacy practices?"

internet privacy (tagging beta)

Idle Video

- [Elevator Phone Sex *NSFW*](#)
- [Extreme Toothbrushing](#)
- [Gruesome Cash for Gold](#)
- [The Real Michael Phelps](#)

Recent Tags

- [metanod](#)
- [newstrust](#)
- [software](#)
- [database](#)
- [government](#)

Done

F 289.2K 4.612s Apache/1.3.41 216.34.181.45

Composing email - Evolution



The screenshot displays the Evolution email client interface. The window title is "Inbox (6010 unread, 6047 total) - Evolution". The menu bar includes File, Edit, View, Folder, Message, Search, and Help. The toolbar contains icons for New, Send / Receive, Reply, Reply to All, Forward, Print, Delete, Junk, Not Junk, Cancel, Previous, and Next. The left sidebar shows the folder structure under "On This Computer" (Inbox (6010), Drafts, Junk, Outbox, Sent, Trash) and "Search Folders" (Unmatched). The main pane shows a list of messages with columns for From, Subject, and Date. The selected message is from Mike Swier to Kevin Moseley, with a subject of "Re: Fw: NWCLUG @ TECH Night 8/27 help please". The message body contains the following text:

Kevin,

Sure I will post them. Do you need me to print them?

thanks
mikia

--- On Sun, 8/24/08, Kevin Moseley <linux_geek@mchsi.com> wrote:

From: Kevin Moseley <linux_geek@mchsi.com>
Subject: Re: Fw: NWCLUG @ TECH Night 8/27 help please
To: mswier@yahoo.com
Date: Sunday, August 24, 2008, 4:03 PM

Syncing iPods - Rhythmbox



Music Player (Paused)

Music Edit View Control Help

Play Previous Next Repeat Shuffle Browse Visualization Eject

Not Playing

Podcasts Missing Files Last.fm Radio

Stores

- Magnatune
- Jamendo

Playlists

- My Top Rated
- Recently Added
- Recently Played
- Code Motivation
- Young Jizzy Feat. Kany...

Devices

- KSM iPod
- Podcasts

Search: All Artists Albums Titles

Artist: All 398 artists (1091) 2PAC (3)

Album: All 274 albums (1091) 8 Mile (16)

Track	Title	Genre	Artist	Album	Time
1	Viva la Vida	Alternative	Coldplay	Viva la Vida or De...	4:04
12	Can't Take It	Unknown	The All-American ...	Move Along	2:52
11	I'm Waiting	Unknown	The All-American ...	Move Along	3:37
10	Straitjacket Feeling	Unknown	The All-American ...	Move Along	3:37
9	Top of the World	Unknown	The All-American ...	Move Along	3:25
8	Dance Inside	Unknown	The All-American ...	Move Along	4:02
7	11:11 P.M.	Unknown	The All-American ...	Move Along	3:04
6	Night Drive	Unknown	The All-American ...	Move Along	3:25
5	Change Your Mind	Unknown	The All-American ...	Move Along	3:40
4	It Ends Tonight	Unknown	The All-American ...	Move Along	4:04
3	Move Along	Unknown	The All-American ...	Move Along	4:00
2	Stab My Back	Unknown	The All-American ...	Move Along	3:10
1	Dirty Little Secret	Unknown	The All-American ...	Move Along	3:13

1091 songs, 3 days, 18 hours and 38 minutes, 5.4 GB

IM / Video conferencing – Pidgin / Skype

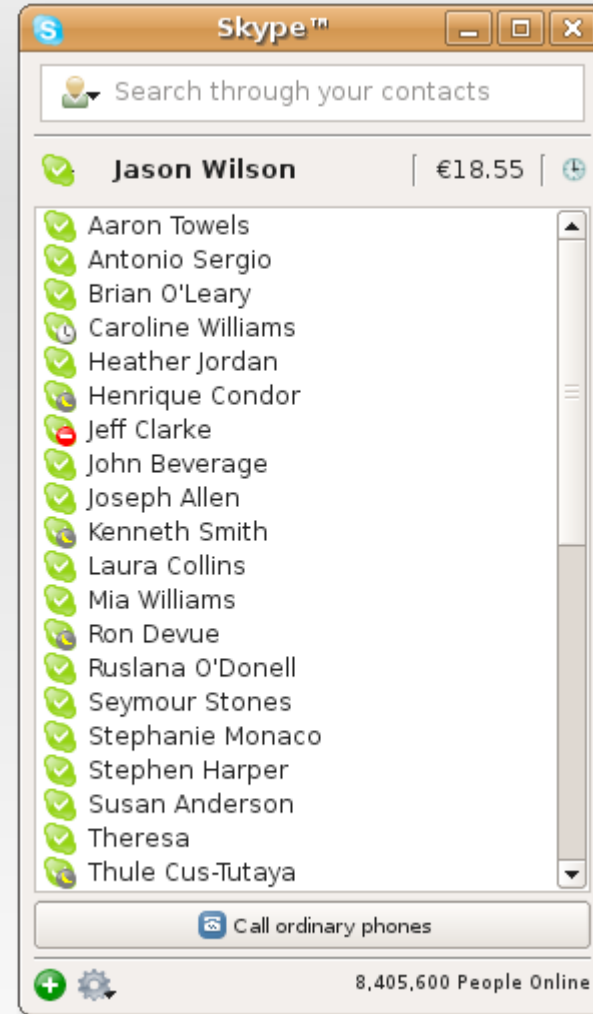
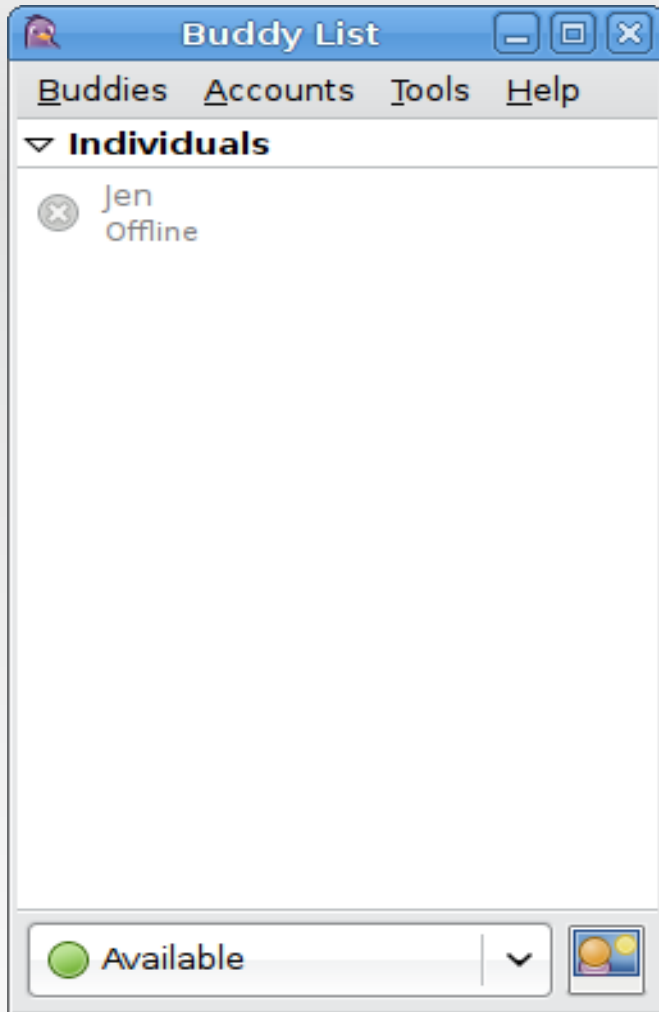
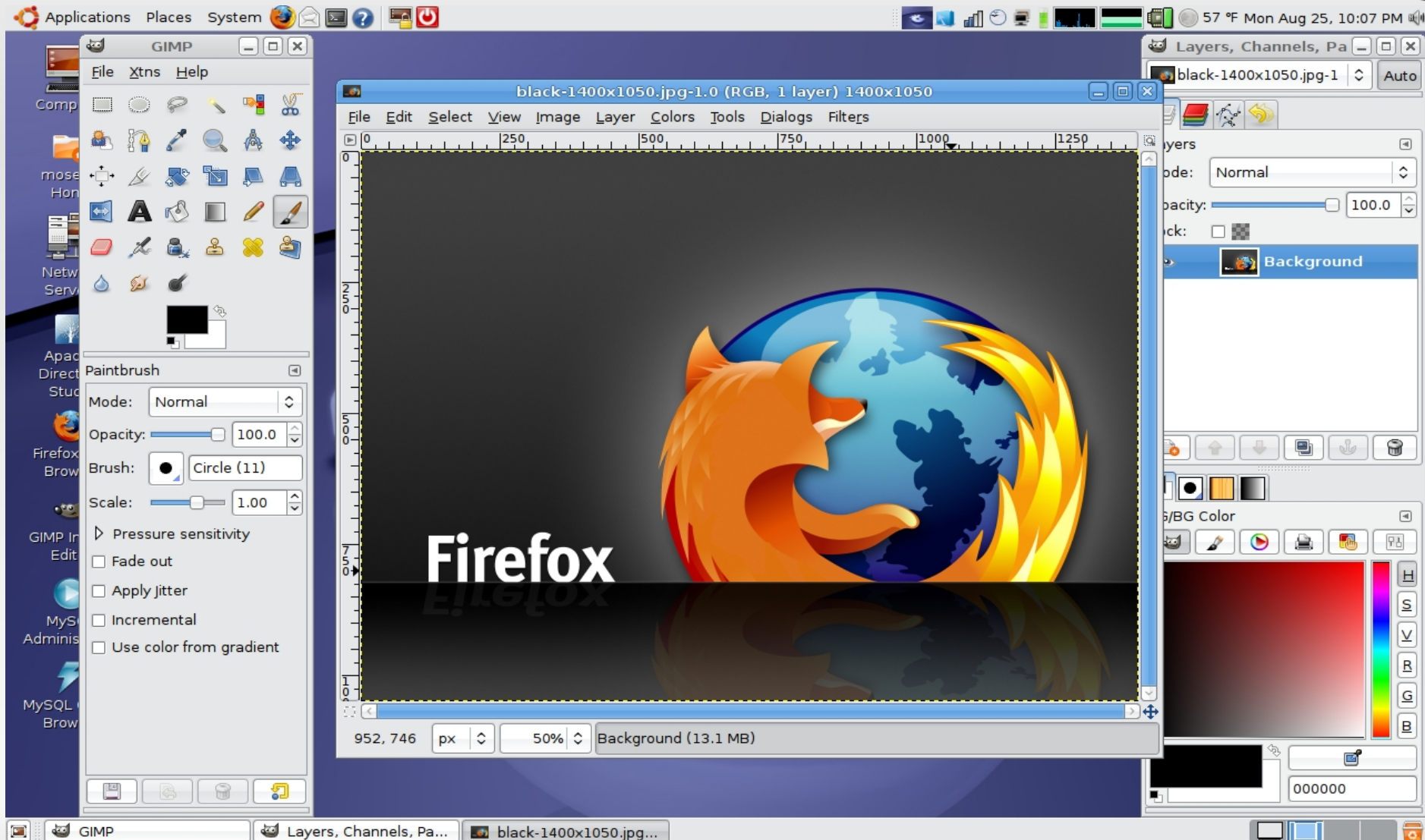


Image manipulation - GIMP



2005-12-31

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Programming - Netbeans



The screenshot shows the NetBeans IDE 6.1 interface. The main editor window displays the source code for the `LDAPUserDAO` class. The code includes imports for LDAP-related classes and a public class definition with several static variables and a constructor.

```
10 import com.novell.ldap.LDAPConnection;
11 import com.novell.ldap.LDAPEntry;
12 import com.novell.ldap.LDAPException;
13 import com.novell.ldap.LDAPSchema;
14 import java.io.UnsupportedEncodingException;
15 import java.security.MessageDigest;
16
17 /**
18  *
19  * @author mosele
20  */
21 public class LDAPUserDAO {
22
23     final static int LDAP_VERSION = LDAPConnection.LDAP_V3;
24     final static int LDAP_PORT = LDAPConnection.DEFAULT_PORT;
25     String ldapHost = "wally.clubmoseley.com";
26     String loginDN = "cn=Manager,ou=admins,dc=bleenz,dc=com";
27     String password = "11nuxg33k";
28     LDAPConnection conn = new LDAPConnection();
29     LDAPSchema schema;
30     LDAPAttributeSchema element;
31     LDAPAttributeSet attributes;
```


Challenges



- Hardware support
- Microsoft only software / websites
- Learning new software
- Gaming support
- ISP support
- Technical support
- Proprietary file formats

Demonstration



2005-12-31

Questions and answers



- I will try to answer any questions you may have.