

HOW TO GET INVOLVED IN AN OPEN SOURCE OPERATING SYSTEM



PRESENTED BY

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Sr. Interaction Designer, Red Hat, Inc.
RPI B.S. Computer Science '03



fedora^f

TODAY'S TOPICS:

- #1** What is Fedora?
- #2** Why Fedora?
- #3** What kinds of projects happen in Fedora?
- #4** Get started!

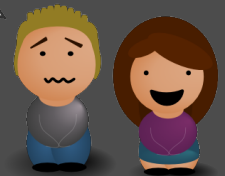
#1

What is Fedora?



Why would she come out to RPI to talk about hats?

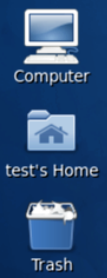
It's a type of hat, isn't it?



The Fedora Project's mission is to lead the advancement of free and open source software and content as a collaborative community.

How do you
do something
like that?





Wikipedia - Mozilla Firefox

File Edit View History Bookmarks Tools Help

W http://www.wikipedia.org/

W Wikipedia

WIKIPEDIA

English
The Free Encyclopedia
3 079 000+ articles

日本語
フリー百科事典
627 000+ 記事

Deutsch
Die freie Enzyklopädie
973 000+ Artikel

Español
La enciclopedia libre
523 000+ artículos

Français
L'encyclopédie libre
867 000+ articles

Polski
Wolna encyklopedia
646 000+ haseł

Italiano

Русский
дняя энциклопедия
446 000+ статей

erlands
encyclopedie
10+ artikelen

eken • buscar • busca •
hledání • ara • căutare
tim kiem

English • Español •
Italiano • Magyar •
ქმალ) • Polski •

Homework

Search Link Text Notebook

Homework

- Research Paul Revere for American History Project
- Calculus Homework - Exercise Set 4.3 (pg 78)
- Japanese essay - Chapter 3
- Pick up more milk and bread at the supermarket

Ray Strode

Conversation Contact Edit Tabs Help

Ray Strode

- Friday November 06 2009, 23:00 -

mairin@linuxgrrl.com 23:00

Hi, Ray! How's it going?

Ray Strode 23:00

sup chi dawg?

Dan Masquelier - Rain, Rain (Paused)

Music Edit View Control Help

Play

Rain, Rain by Dan Masquelier from Wake Up 0:21 of 3:50

Library

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

Search: Dan Mas

Artist

- Daniela Ramsauer (1)
- Daniel Iván (1)
- Dan Masquelier (8)**
- Danyax (1)
- Dom The Bear (1)
- EIVISSA SALINAS feat. DJ HS
- Fantomas Ketchun (1.0)

Album

- 1 album (8)**
- Wake Up (8)

Track	Title	Genre	Artist
1	Wake Up	Unk...	Dan Masquelier
2	Rain, Rain	Unk...	Dan Masquelier
3	Remain True	Unk...	Dan Masquelier
4	Summer is a Blonde Girl	Unk...	Dan Masquelier

8 songs, 29 minutes

Contact List

Chat Edit View Room Help

Available

Bots

- Identi.ca Updates
Send me a message to post ...

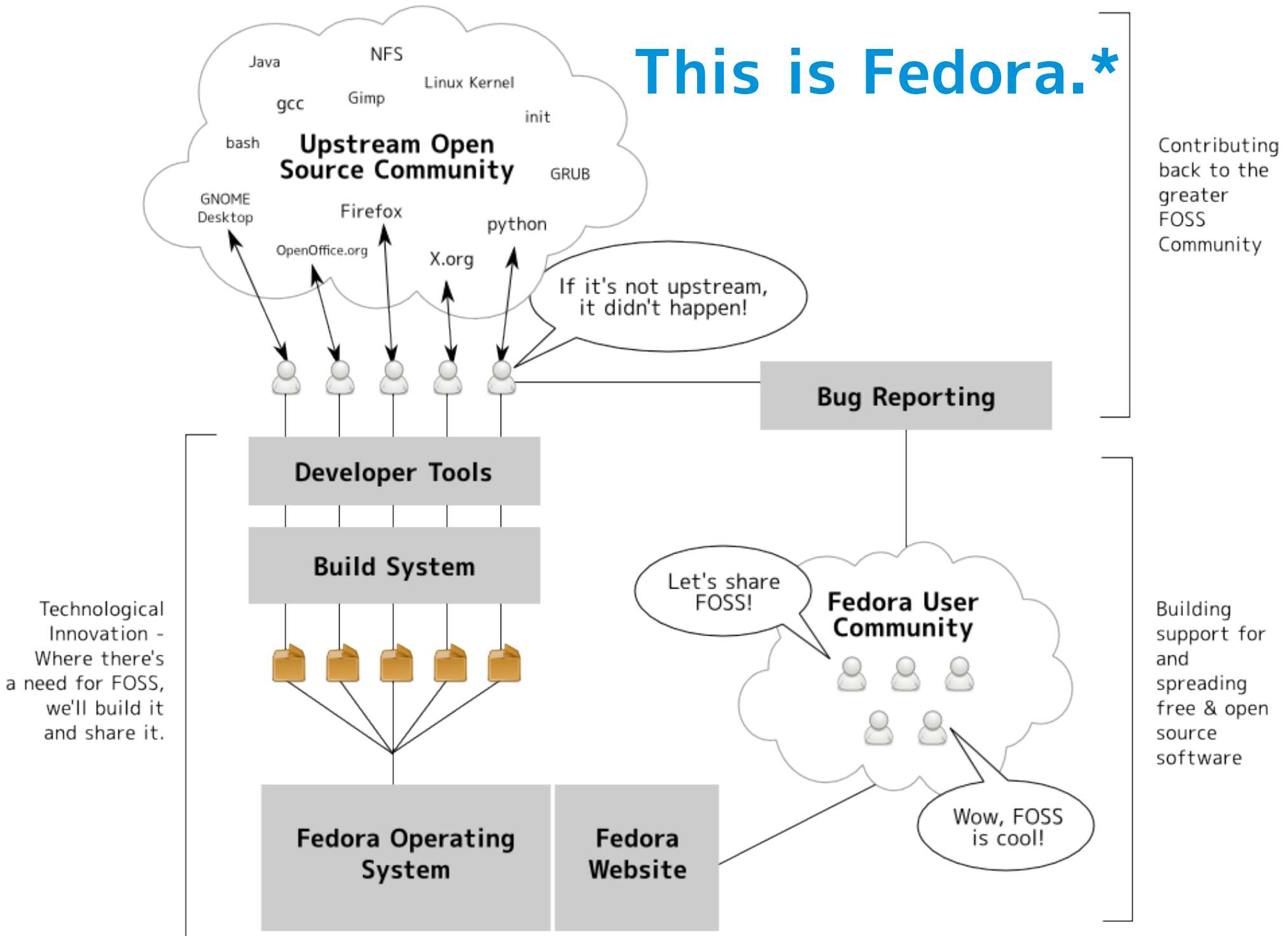
Buddies

- Identi.ca Updates
Send me a message to post ...
- Ray Strode**
Available

MISSION ELEMENTS

- #1** The Fedora Project always strives to **lead, not follow.**
- #2** The Fedora Project consistently seeks to create, improve, and **spread free/libre code and content.**
- #3** The Fedora Project succeeds through shared action on the part of many people throughout our **community.**

This is Fedora.*



* Actually, there's way more to it; this is a simplified model. :)

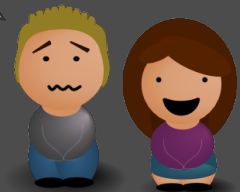
#2

Why Fedora?



There's so many Linux distros. Why should I care about Fedora??

I think she's going to tell us that next!



We believe a community-based, open model is the best way to produce the highest-quality software.





FREEDOM.



FRIENDS.



FEATURES.



FIRST.



FREEDOM.

NO BAND-AIDS.

**THE ENDS DO NOT
JUSTIFY THE MEANS.**

**LEGALLY
REDISTRIBUTABLE.**

CONTENT, TOO!



- licensing
- discussion
- view source
- history
- watch

Licensing:Main

(Redirected from [Licensing](#))

Author: [Tom 'spot' Callaway](#) (based on many other documents, correspondence with the FSF)
Revision: 1.65
Initial Draft: Wednesday May 30, 2007
Last Revised: Tuesday Jan 26, 2010

Contents [\[hide\]](#)

- [1 Overview](#)
- [2 Package Licensing Guidelines](#)
- [3 Discussion of Licensing](#)
- [4 License Changes](#)
- [5 License of Fedora SPEC Files](#)
- [6 Software Types](#)
 - [6.1 Shareware](#)
 - [6.2 Patented Software](#)
 - [6.3 Emulators](#)
 - [6.4 Binary Firmware](#)
- [7 Frequently Asked Questions](#)
- [8 Software License List](#)
 - [8.1 Good Licenses](#)
 - [8.2 Bad Licenses](#)
 - [8.3 Unknown Licenses](#)
 - [8.4 GPL Compatibility Matrix](#)
- [9 Documentation Licenses](#)
 - [9.1 Good Licenses](#)
 - [9.2 Bad Licenses](#)
- [10 Content Licenses](#)
 - [10.1 Good Licenses](#)
 - [10.2 Bad Licenses](#)
- [11 Font Licenses](#)
 - [11.1 Good Licenses](#)
 - [11.2 Bad Licenses](#)
- [12 Disclaimer](#)

Overview

WIKI

- [Fedora Project Wiki](#)
- [News](#)
- [Events](#)
- [Features](#)
- [Recent changes](#)
- [Random page](#)
- [Help](#)

NAVIGATION

- [Home](#)
- [Get Fedora](#)
- [Join Fedora](#)

SUB-PROJECTS

- [Ambassadors](#)
- [Artwork](#)
- [Bug Zappers](#)
- [Documentation](#)
- [EPEL](#)
- [Infrastructure](#)
- [Internationalization](#)
- [Localization](#)
- [Marketing](#)
- [Package Maintainers](#)
- [Websites](#)
- [Weekly News](#)
- [All projects](#)

SEARCH

TOOLBOX

- [What links here](#)
- [Related changes](#)
- [Upload file](#)

**THOUSANDS OF
CONTRIBUTORS
GLOBALLY.**

**EVERYONE IS
WELCOME – NO WALLS.**

**COMMUNITY-ELECTED
BOARD.**

~22 MILLION USERS.



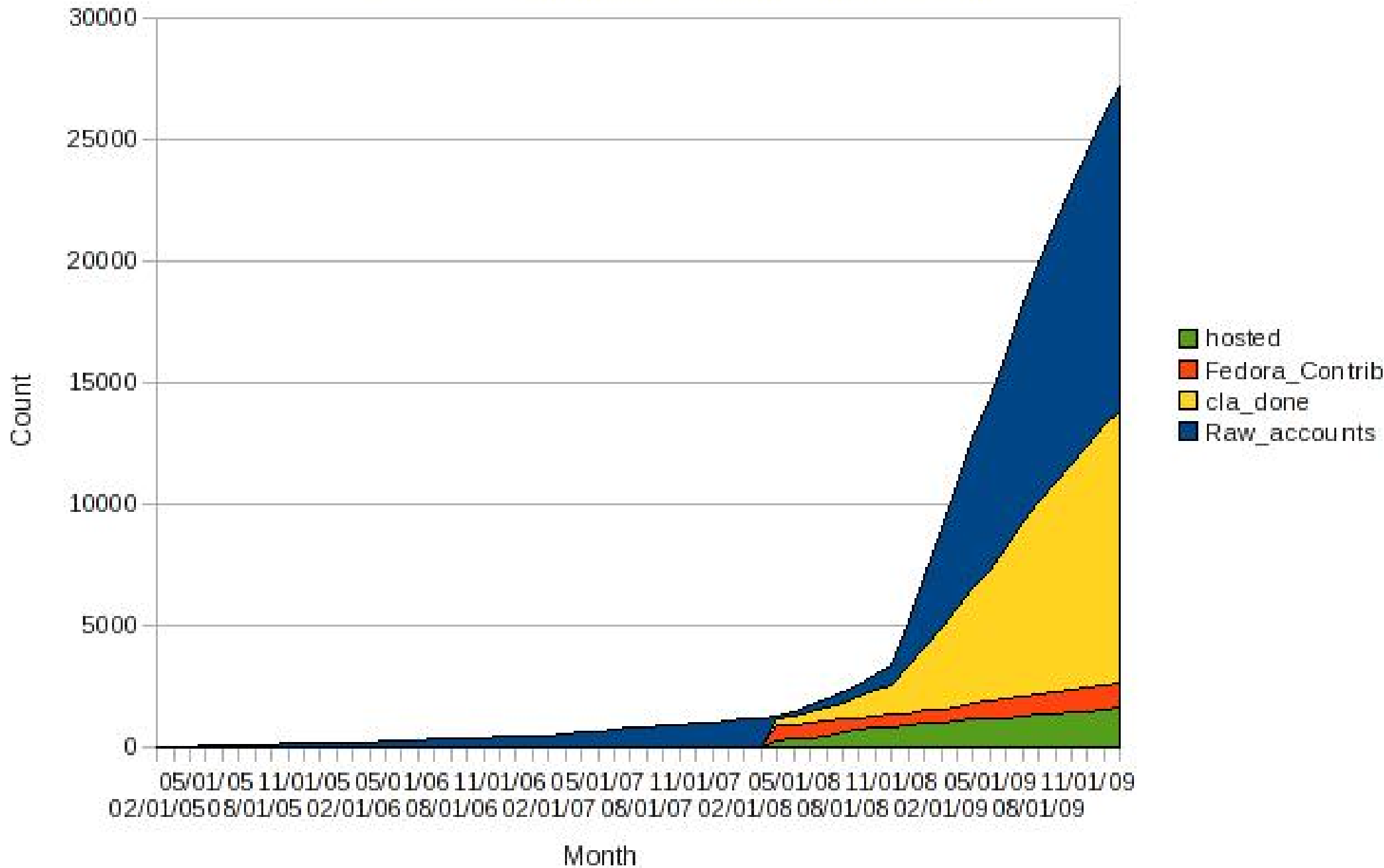
FRIENDS.

**SOFTWARE ENGINEERS, ARTISTS, SYSTEM ADMINISTRATORS, DESIGNERS,
WEB PROGRAMMERS, WRITERS, SPEAKERS, TRANSLATORS, WEB DESIGNERS...**

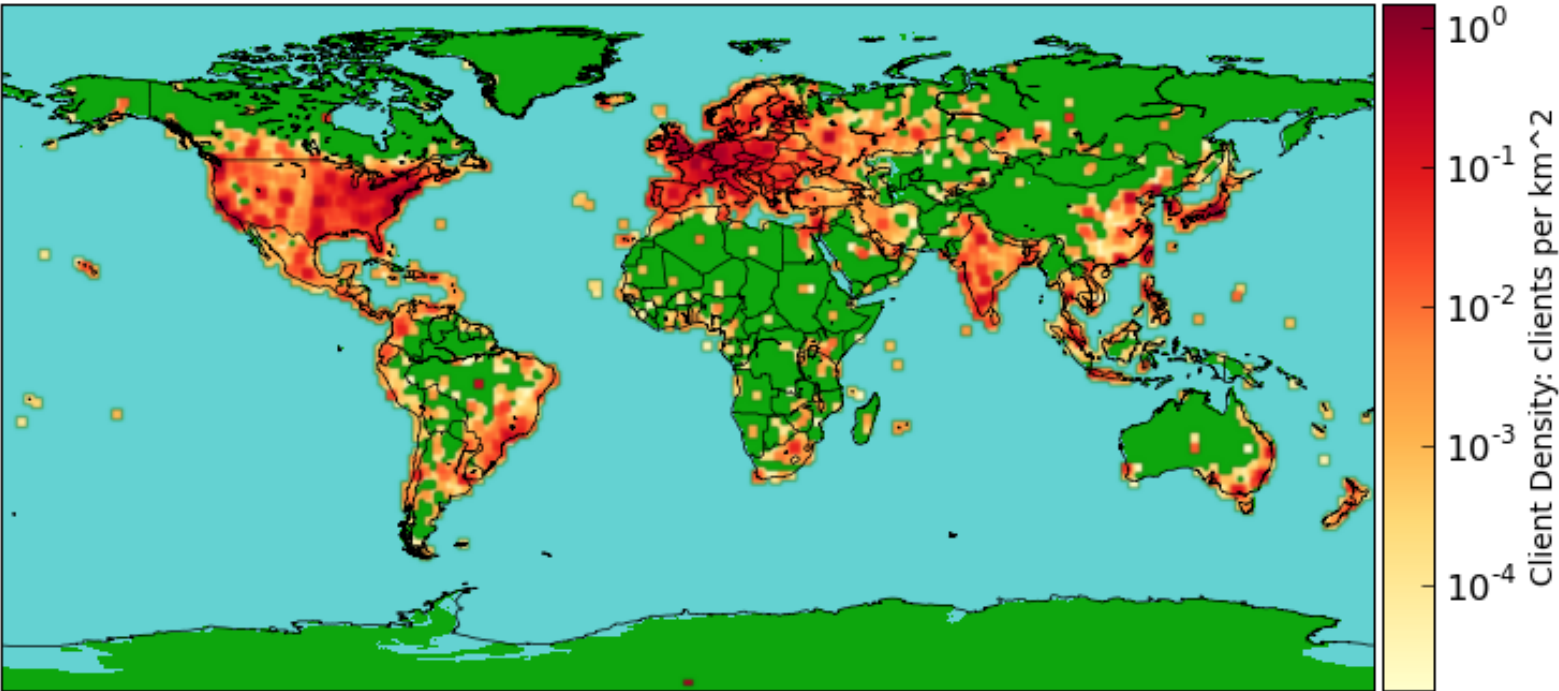


Account and group growth

fedora_contributor=docs, marketing, art, infra, etc



Mirrorlist Activity in Past 7 Days for all Fedora - Last Modified 2010-02-05 11:46:06 GMT - 1552246 running in:



This product includes GeoLite data created by MaxMind, available from <http://maxmind.com/>



FEATURES.

**CLOSE TO UPSTREAM,
SOMETIMES SERVE AS
UPSTREAM.**

**100% POWERED BY
OPEN SOURCE.**

**RED HAT IS THE
LARGEST SINGLE
CONTRIBUTOR TO THE
LINUX KERNEL.***

**LIBVIRT, NETWORK MANAGER, D-BUS, POLICY KIT, PACKAGE KIT, CONSOLE
KIT, DEVICE KIT, FREEIPA, SELINUX, PULSE AUDIO, PLYMOUTH, GFS, LVM,
METACITY, PANGO, GTK+, EVINCE, VIRT-MANAGER, OGG THEORA, EXT3,
IPSEC, ABRT, GLIBC, KOJI, BODHI, RPM, YUM, FUNC, COBBLER...**

* Linux Foundation Report, April 2008

Top changeset contributors by employer

(Unknown)	1244	25.0%
Red Hat	636	12.8%
(None)	383	7.7%
IBM	368	7.4%
Novell	295	5.9%
Linux Foundation	261	5.2%
Intel	178	3.6%
Oracle	126	2.5%
Google	97	1.9%
University of Aberdeen	79	1.6%
HP	78	1.6%
Qumranet	71	1.4%
Nokia	67	1.3%
SGI	64	1.3%
Astaro	63	1.3%
MIPS Technologies	61	1.2%
SANPeople	53	1.1%
Miracle Linux	43	0.9%
MontaVista	41	0.8%
Broadcom	39	0.8%

Red Hat
purchased
Qumranet...

**RAPID RELEASE CYCLE
– EVERY 6 MONTHS.**

**FIRST TO GET NEW
FEATURES.**

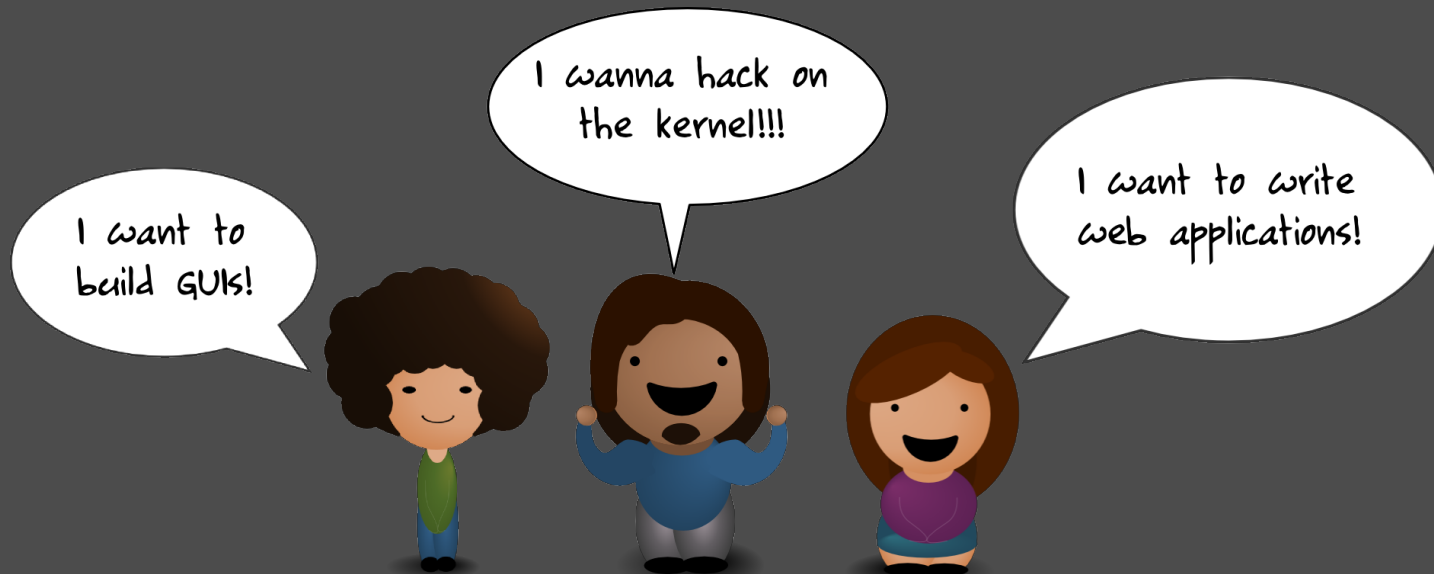
**PROVING GROUND FOR
INNOVATIONS.**



FIRST.

#3

What kinds of projects happen in Fedora?



FEDORA TEAM #1

Desktop SIG

SAMPLE PROJECTS:

COLOR MANAGEMENT Handling color profiles on the desktop.

PALIMPSEST Disk utility GUI.

RADEON DISPLAY PORT Support DisplayPort connections for ATI Hardware.

BETTER WEBCAM SUPPORT More webcams supported out of the box!

TEXT-BASED NETWORK MANAGER Control NetworkManager on the command line.

PACKAGE KIT BROWSER PLUGIN Secure package installation from web pages.

GNOME SHELL Next generation desktop environment.

GET INVOLVED!

MAILING LIST desktop@lists.fedoraproject.org

IRC #fedora-desktop on irc.gimp.net

PROJECT LISTING <https://fedoraproject.org/wiki/Desktop>

FEDORA TEAM #2

Infrastructure Team

SAMPLE PROJECTS:

SYSTEM ADMINISTRATION	Keep the servers that run Fedora running.
FEDORA TALK	Asterisk server for Fedora audio conferencing.
FEDORA VOTING APP	Supports Fedora elections.
FEDORA ACCOUNT SYSTEM	Manages Fedora user accounts, SSO & Open ID
KOJI	Build system for Fedora.
BODHI	Update workflow system.
FEDORA COMMUNITY	Web-application to enable developers.
MIRROR MANAGER	Manages the various mirrors that host Fedora content.

GET INVOLVED!

MAILING LIST	infrastructure@lists.fedoraproject.org
IRC	#fedora-admin on irc.freenode.net
TICKETS	https://fedorahosted.org/fedora-infrastructure/report/1

Overview

Package Maintenance

People

Search

Packages **Builds** Updates

Builds Overview: All Packages

IN-PROGRESS BUILDS

Package	Elapsed Time	Built By
kernel 2.6.32.8-43.rc1.fc12	1 hour and 39 minutes	cebbert

Viewing all in-progress builds [Goto in-progress builds >](#)

FAILED BUILDS

Package	Failed	Built By
xerces-c 3.0.1-12.fc13	28 minutes ago	jonathanrobie
Error in build.You can refer to log build.log for more details		
qwt 5.2.0-0.fc13	34 minutes ago	frankb
Error in build.You can refer to log build.log for more details		
fusecompress 2.6-5.fc13	39 minutes ago	Ikundrak
Error in build.You can refer to log build.log for more details		
xalan-c 1.10.0-7.fc13	39 minutes ago	Ikundrak
Error in build.You can refer to log build.log for more details		
ovaldi 5.6.4-1.fc13	40 minutes ago	Ikundrak
Error in build.You can refer to log root.log for more details		

Viewing 1-5 of 9022 failed builds [View more failed builds >](#)

SUCCESSFUL BUILDS

Package	Build Time	Finished	Built By	
gutenprint 5.2.4-11.fc13	5 minutes	12 minutes ago 03:35 PM UTC	twaugh	Push to updates >
nss_db 2.2.3-0.2.pre1.fc13	6 minutes	12 minutes ago 03:35 PM UTC	nalin	Push to updates >
qwt 5.2.0-1.fc13	6 minutes	23 minutes ago 03:23 PM UTC	frankb	Push to updates >
dhcp 4.1.1-4.fc12	3 minutes	30 minutes ago 03:17 PM UTC	jpopelka	Pending push to testing View update details >
dhcp 4.1.1-4.fc13	2 minutes	32 minutes ago 03:15 PM UTC	jpopelka	Push to updates >

Viewing 1-5 of 109146 builds [View more builds >](#)

BUILDS

All Packages

Overview

[In-progress Builds](#)

[Failed Builds](#)

[Successful Builds](#)

ALERTS

FEDORA TEAM #3

Marketing Team

SAMPLE PROJECTS:

FEDORA INSIGHT Zikula CMS-backed online magazine.

SURVEY SYSTEM Help needed deploying a FOSS voting system for surveys.

EVENT PLANNING Help plan Fedora Events, Audio/Video Streaming...

WWW.FEDORAPROJECT.ORG Website revamp!

INTERVIEWS Interview contributors project-wide to develop collateral for publicizing Fedora.

GET INVOLVED!

MAILING LIST marketing@lists.fedoraproject.org

IRC #fedora-mktg on irc.freenode.net

PROJECT LIST <https://fedoraproject.org/wiki/Marketing#Projects>

FEDORA 11: LEONIDAS!

- [The Sound of F11 Interview with Lennart Poeltring](#)
- [Fedora 11: Virtual\(ization\) Reality Interview with Dan Berrange](#)
- [F11 Raise Thy Mighty... Finger? Interview with Bastien Nocera](#)

MIKE MCGRATH
INFRASTRUCTURE TEAM LEAD
"MCGRATH"

Today's Rawhide Report

WEDNESDAY



JUN 17

EATS BABIES!

Something's seriously messed up. If you can, hold off updating.

WEEKLY SUMMARY

THURSDAY JUN 11 ☺	FRIDAY JUN 12 ☺	SATURDAY JUN 13 ☺	SUNDAY JUN 14 ☹	MONDAY JUN 15 ☺	TUESDAY JUN 16 ☺
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Jun 17 Early Statistics on the Fedora 11 Release

By Paul Frields

Some important statistics from the first week of Fedora 11 release:

- Over 140 Terabytes of Fedora 11 shipped via BitTorrent.
- Approximately 200,000 direct downloads from unique IP addresses. (Incidentally, there were over 600,000 requests but some IP addresses requested more than one download.)
- Over 1,000,000 1,200,000 visits to our web and wiki site in just seven days.

Note that our expert Fedora Infrastructure team made all this traffic almost unnoticeable to people, instead of crushing our servers to their knees. Hopefully Mike McGrath and some of the other team members will post a little bit about how they pull all this off. (Hint, hint!) I know that we use memcached, and that MirrorManager, maintained by Matt Domsch, figures heavily into our ability to get people to the closest Fedora bits when they request a download.... [Read More](#)

Jun 15 Simplez! Simple Pairing support now in gnome-bluetooth.

By Bastien Nocera

After a furious hacking session (and a bunch of paper-drawn mockups), Simple Pairing support is now in gnome-bluetooth.

Simple Pairing is an optional part of the Bluetooth 2.1 spec, which makes pairing Bluetooth device simpler. For most devices, simply check that the passkey matches on your computer and the device, or for headsets, do nothing, and voila, paired.

Code is in git master, release to follow shortly.

Jun 11 Another Super-Awesome Post

By Teh Zod

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed consequat molestie leo, arcu laoreet ut. In est risus, rhoncus at porta id, vehicula a nibh. Aliquam rhoncus nisl congue vitae. Nulla mollis leo non magna rutrum porttitor. Phasellus commodo, venenatis pellentesque ante auctor id. Integer vel diam diam.

Vivamus viverra velit eu ante bibendum et porta diam mollis. Quisque dictum, erat mauris consequat nunc, euismod suscipit purus quam eu nisl. Nulla posuere semper. Quisque ipsum urna, iaculis vel congue a, cursus vel nulla. Nunc ac dolor aliquam non non ante. Fusce convallis est facilisis arcu tristique accumsan. Aliquam luctus.

In in arcu lectus, in ultricies risus. Nam hendrerit mauris quis metus pharetra non. Aenean et nulla risus, sit amet egestas nibh. Suspendisse vitae lobortis risus. Donec gravida ultrices, dui lectus cursus velit... [Read More](#)

UPCOMING EVENTS

June 8-10

FAD Federa Development Cycle

Raleigh, North Carolina, USA

[MORE DETAILS ...](#)

June 9

Fedora 11 Release Party

Managua, Nicaragua

[MORE DETAILS ...](#)

June 16

FAD Federa Development Cycle

Raleigh, North Carolina, USA

[MORE DETAILS ...](#)

June 21

Fedora 11 Release Party

Managua, Nicaragua

[MORE DETAILS ...](#)

RECENT EVENT REPORTS

June 1

Fedora Release Party Recap

Raleigh, North Carolina, USA

[MORE DETAILS ...](#)

May 27

Fedora Celebration Report

Managua, Nicaragua

[MORE DETAILS ...](#)

May 22

Bug Day Report

IRC

[MORE DETAILS ...](#)

May 4

Fedora Classroom Report

IRC

[MORE DETAILS ...](#)

FEEDS

\$FOOBAR Articles Feed
Last updated 17 Jun 2009

Podcast Feed
Last updated 13 Jun 2009

Video Podcast Feed
Last updated 1 Jun 2009

Everything Feed
Last updated 17 Jun 2009

LATEST PODCASTS

Fedora Community Part 2
17 Jun 2009 by Mairin

Fedora Community Part 1
13 Jun 2009 by Mairin

Interview With Spot
1 Jun 2009 by Jack

Interview With Hughsie
17 May 2009 by Paul

LATEST VIDEOS

'Charge' Bootsplash for Plymouth
17 May 2009 by Clint
Ogg Theora Video, 1.2 MB

Hello Kitty uses Fedora too!
17 May 2009 by Mairin
Ogg Theora Video, 1.3 MB

Say Cheese!
17 May 2009 by Chuck E.
Ogg Theora Video, 1.9 MB

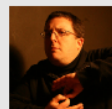
Wow, Fedora 11 is really awesome! I just got it installed today... #fedora-foobar

fedoraluver
5:34 PM

OMG Fedora 11 is amazing!

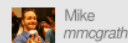
leonidasgroupie
2:55 PM

FEDORA FACES

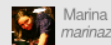


NAME: Paul Frields
IRC NICK: stickster
WORKS ON: Community Leader
[Read more!](#)

RECENTLY FEATURED



Mike
mmcgrath



Marina
marinaz

FEDORA TEAM #4

Design Team

SAMPLE PROJECTS:

RELEASE ARTWORK	Design the default artwork for Fedora 13.
ICON & LOGO DESIGN	Rolling requests, see ticket system.
UI DESIGN	Rolling requests, see ticket system.
USABILITY ASSESSMENTS	Currently working on GNOME Shell and Fedora Community usability assessments.
OPEN SOURCE FONTS	Identifying great FOSS fonts for inclusion in Fedora and advertising them to packagers.

GET INVOLVED!

MAILING LIST	design-team@lists.fedoraproject.org
IRC	#fedora-design on irc.freenode.net
PROJECT LIST	https://fedorahosted.org/design-team/report/1

The advanced case,
alternate method (tabs)

Please select the device(s) you'd like to include in this installation below:

If you hit clear and there are items selected, the selected items stay, only the unselected search results stay. Also, any search form entries are cleared.

Basic Devices

Firmware RAID

Multipath Devices

Other SAN Devices

Search

Search by:

Target WWID



WWID:

60:06:01:60:92:d2:18:00:70:37:62:87:2c:60:db:11



Search



Clear

Search Results:

<input type="checkbox"/> WWID	Port	Target	LUN	Vendor
<input checked="" type="checkbox"/> 60:06:01:60:92:d2:18:00:70:37:62:87:2c:60:db:11	1	8	5	QLogic
<input type="checkbox"/> 60:06:01:60:92:d2:18:00:70:37:62:87:2c:60:db:11	2	3	2	EMC
<input type="checkbox"/> 60:06:01:60:92:d2:18:00:70:37:62:87:2c:60:db:11	3	9	1	EMC

Show Columns:

- Capacity
- Interconnect
- LUN
- Model
- Port
- Target
- Vendor
- WWID

this menu is at 50% opacity so you can see the items underneath in the mockup. wouldn't be implemented like that, of course!

9 devices (~4.0 TB) selected out of 13 devices (~5.5 TB) total.

← Back

Next →

Other Ways To Get Involved

A SMALL SAMPLING OF OTHER TEAMS:

FEDORA AMBASSADORS

Spread the word about Fedora and software freedom at events around the world.

INTERNATIONALIZATION TEAM

Translate Fedora into 50+ languages, and work on the tooling around managing this huge project.

BUG TRIAGE TEAM

Triage bugs, make sure they get to the right people.

ELECTRONICS LAB TEAM

Build a 100% free and open source electronics lab using Fedora as a platform.

FEDORA GAMES SIG

Identify and package free & open source games as well as produce the Fedora Games Spin.

FEDORA MINI

Work to optimize the Fedora experience on netbooks and other small hardware devices.

[ABOUT](#)[GAMES](#)[DOWNLOADS](#)[SUPPORT](#)

Play with Fedora Today!



The Fedora Games spin offers a perfect showcase of the best games available in Fedora. The included games span several genres, from first-person shooters to real-time and turn-based strategy games to puzzle games. Not all the games available in Fedora are included on this spin, but trying out this spin will give you a fair impression of Fedora's ability to run great games.

This spin includes a number of popular games including:

- Battle for Wesnoth
- FreeCiv
- Alien Arena
- Scorched 3D
- Flight Gear
- Tremulous
- SuperTuxKart
- Nethack
- [And over 100 more...!](#)

[Download Now!](#)

3920.00 MB Torrent File for 32-bit PC ISO

[How do I use this?](#) | [More download options ...](#)

WHAT IS A SPIN?

Fedora Spins are alternate version of Fedora, tailored for various types of users via hand-picked application sets and other customizations.

[Learn more >](#)

WHAT IS THIS SPIN?

A perfect show-case of the best games available in Fedora.

[Learn more >](#)

WEBSITE LANGUAGE

en

#4

Get Started!



4 QUICK STEPS TO BECOME A FEDORA CONTRIBUTOR

- #1** Get a Fedora account!
join.fedoraproject.org
- #2** Find a team or project you're interested in. Join their mailing list and send an email introducing yourself and your interests – and claim a task!
- #3** Read planet.fedoraproject.org. It's a great way to keep up with what's going on across Fedora.

4 QUICK STEPS TO BECOME A FEDORA CONTRIBUTOR

#4 ASK QUESTIONS. Do not be afraid – if you are stuck, just ask! Become a visible contributor by blogging your progress to Planet Fedora, and by talking to your teammates and asking lots and lots of questions.

Questions?



Thanks to my Fedora Design Team pal María 'Tatica' Leandro from Venezuela for designing the cute characters throughout these slides. :)

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