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About Fedora

Fedora is all about freedom and rapid innovation.

Fedora is a Linux based operating system that provides users with access to the latest free and open source software, in a stable, secure and easy to manage form. We strongly believe in the bedrock principles that created all the components of our operating system, and because of this we guarantee that Fedora will always be free for anybody, anywhere, to use, modify and distribute.

Fedora is a center for innovation in free and open source software, and creates a community where developers and open source enthusiasts come together to advance free and open source software. The Fedora community contributes everything it builds back to the free and open source world and continues to make advances of significance to the broader community, as evidenced by the regular and rapid incorporation of its features into other Linux distributions. Regardless of which Linux distribution you use, you are relying on code developed within the Fedora Project.

Fedora is more than just software, though. It is a community of contributors from around the world who work with each other to advance the interests of the free culture movement. Everyone is invited to join, and no matter what your skills are, we have a place for you in our community! The Fedora community includes software engineers, artists, system administrators, web designers, writers, speakers, and translators -- all of whom will be happy to help you get started.

Linux Foundation has published a (report) estimating the cost of producing Fedora 9 from scratch to be 10.8 billion dollars and all that value and more is available to you, our users entirely for free with the complete source code and the freedom to innovate.

www.fedoraproject.org

RedHat

The company Red Hat is an US-American software producer with place in Raleigh, North Carolina, who among other things the wide-spread Linux distribution Red Hat Enterprise Linux drives out and is involved in the Fedora project. Red Hat Inc. Is at the US stock exchange NYSE are acted (NYSE: RHT, ISIN US7565771026).

www.redhat.com

Who use Fedora ?

Who uses Fedora?

- Linus Torvalds, the creator and primary maintainer of Linux [does](#)
- NASA [systems](#)
- Roadrunner, the number one [Supercomputer](#) in the world
- Over a hundred [derivative distributions](#) including [Red Hat Enterprise Linux](#) and [OLPC](#)
- Even some [Robots](#) do
- [Millions](#) of other users

What makes Fedora different?

We try to always do the right thing, and provide only free and open source software. We will fight to protect and [promote](#) solutions that anyone can use and redistribute. With this in mind, all of our developers are focused on working closely with [upstream](#), so everyone can benefit from our work and get access to our changes as soon as possible. Due to the huge amount of [innovation](#) that Fedora drives, this focus has had significant and long lasting effects. Some of the recent developments in free and open source software that Fedora has driven include:

- [NetworkManager](#)
- [D-Bus](#)
- [PolicyKit](#)
- [PackageKit](#)
- [HAL](#)
- [FreeIPA](#)
- [SELinux](#)
- [PulseAudio](#)

The reverse is also true: by sticking close to upstream development teams, Fedora often gets the latest software before anybody else. Not only does this benefit our community, but it also benefits the upstream teams by providing a much larger audience and more feedback for them.

Another striking difference of Fedora is our goal to empower others to pursue their vision of what a free operating system should be like. Fedora now forms the basis for [derivative distributions](#) such as [Red Hat Enterprise Linux](#), the [One Laptop Per Child XO](#) and Creative Commons' [Live Content](#) DVDs.

And that's not all. It is just as easy for individuals to create their own distribution, thanks to Fedora's easy [spinning tools](#). These tools allow you to quickly select the packages you want, and create live images for CD/DVD or USB, or installation discs. Some official versions of Fedora have grown up this way, including:

- Fedora Electronic Lab
- Fedora Xfce Spin
- Fedora Developers Spin
- Fedora Games Spin

How do I get Fedora?

Easy, just visit this [page](#) and download it. You can try it without installing anything on your computer, thanks to our Live images on CD or USB - in fact, you can even create a Live USB stick from within

[Windows](#) !

If you have a slow internet connection, or no internet connection at all, then you can still get Fedora thanks to our volunteer [Free Media](#) program.

How do I join Fedora?

Like what you see and want to help out? That's easy too! This [page](#) has all the information you need, and don't forget that all our contributors get access to some awesome tools to help them get their work done:

- Fedora People provides free webspace for hosting Fedora related content
- Fedora Planet is an aggregation of contributor blogs so you can see what everyone is up to
- Fedora Hosted is the perfect location for hosting your free and open source projects
- Fedora's own [Gobby server](#) , so we can collaboratively work on documents in real time
- Fedora [Build System](#) to build your software across multiple architectures
- The skills and experience of hundreds of fellow Fedora contributors!

Facts

Current release : Fedora 10 (Cambridge)

Cambridge was released on 2008-11-25.

Yum Data - Current release connections -

Connections to yum					
Week	Dates	New Unique IPs	Total Unique IPs	Total compared to Sulphur	
Week 1	2008-11-25 -- 2008-12-01	67,421	67,421	73%	
Week 2	2008-12-02 -- 2008-12-08	81,674	149,095	97%	
Week 3	2008-12-09 -- 2008-12-15	60,759	209,854	97%	
Week 4	2008-12-16 -- 2008-12-22	62,527	272,381	93%	
Week 5	2008-12-23 -- 2008-12-29	68,375	340,756	97%	
Week 6	2008-12-30 -- 2009-01-05	73,585	414,341	97%	
Week 7	2009-01-06 -- 2009-01-12	94,166	508,507	103%	

Total repository connections

Total connections to repositories (as of 2008-01-12)						
Method	Fedora 7	Fedora 8	Fedora 9	Fedora 10	Rawhide	TOTAL
Mixed	3,470,619	4,297,588	2,147,104	508,507	545,692	10,969,510
New	3,493,082	4,383,913	2,309,190	508,507	545,692	11,240,384

It's uncertain whether the old method was properly counting all unique IPs. The new method works incrementally, and thus takes longer, but should be slightly more accurate.

Accuracy of metrics

The numbers above for yum represent unique IP addresses that reach our update server, not simply downloads. We believe it is reasonable to equate a "new IP address checking in" with "a new installation of Fedora", with the following caveats:

1. Users who have dynamic IP addresses will likely be counted multiple times, which inflates the number by some amount.
2. Users who are behind NAT or corporate proxies will not be counted at all.

The anecdotal evidence that we receive from different groups, companies, and organizations suggests that group (2) is significantly larger than group (1). As such, we believe that the true numbers in the field are higher than the numbers on this page.

Smolt Data

[Smolt](#) is Fedora's hardware profiling project. It is an **opt-in** database that tracks unique installations of Fedora, and various details about that install. People who install to runlevel 5 will be able to opt-in during firstboot, but people who install to runlevel 3 will have to install the smolt client via yum and manually register.

BitTorrent

The following table shows the number of downloads that have been made over BitTorrent.

Downloads from bittorrent (as of 2008-01-12)		
Werewolf (F8)	Sulphur (F9)	Cambridge (F10)
446,326	429,236	135,137

Direct Download

The following table shows the number of direct downloads of Fedora 10 media, as shown in the web proxy logs.

Direct downloads from the web			
Week	Dates	Downloads this week	Total downloads
Week 1	2008-11-25 -- 2008-12-01	79,635	79,635
Week 2	2008-12-02 -- 2008-12-08	34,903	114,538
Week 3	2008-12-09 -- 2008-12-15	26,925	141,463
Week 4	2008-12-16 -- 2008-12-22	24,558	166,021
Week 5	2008-12-23 -- 2008-12-29	20,708	186,729
Week 6	2008-12-30 -- 2009-01-05	19,336	206,065
Week 7	2009-01-06 -- 2009-01-12	21,408	227,473

fedoraproject.org unique visitors

fedoraproject.org visitors	
Period	Unique IPs
January 2008	785,583
February 2008	782,043
March 2008	830,078
April 2008	723,776
May 2008	1,128,115
June 2008	825,912
July 2008	751,521
August 2008	773,209
September 2008	1,461,490
October 2008	1,351,477
November 2008	1,993,547 (all-time monthly high)
December 2008	1,873,217

Edits to Fedora wiki

Fedora wiki edits		
Period	Total edits	Edits from unique IPs
October 2007	921	426
November 2007	1,090	472
December 2007	807	378
January 2008	1,170	580
February 2008	1,244	645
March 2008	1,280	705
April 2008	1,283	755

A variety of statistics about Fedora installs, community size, etc. are available at:
<http://fedoraproject.org/wiki/Statistics>

Fedora at FOSDEM'09

Introduction

The ninth [Free and Open source Software Developers European Meeting](#) is a 2 day event, organized by volunteers, to promote the widespread use of Free and Open Source software. Taking place in the beautiful city of Brussels (Belgium), FOSDEM meetings are recognized as "The best Free and Open Source events in Europe."

Location and Date

- Brussels, Belgium
- 7 and 8 February 2009
- Attendance is free.
- Parking is Free
- ULB University (the French one)

URL

<http://www.fosdem.org>

<https://fedoraproject.org/wiki/FedoraEvents/FOSDEM/FOSDEM2009>

Schedule

Salle : H.2213

	Saturday 7 th	Sunday 8 th
10:00 – 11:00	N/A	CentOS Reserved Slot
11:00 – 12:00	N/A	
12:00 – 13:00	N/A	
13:00 – 14:00	RPM Packaging	
14:00 – 15:00	Fedora Electronic Laboratory	Cobbler/Koan
15:00 – 16:00	Fedora-fr Next challenges	
16:00 – 17:00	Func, Symbolic: Present and future	FreeIPA
17:00 – 18:00	Sugar and Fedora	N/A
18:00 – 19:00	Augeas	

Session

Fedora Electronic Lab

Title : Fedora Electronic Lab

Abstract : Fedora's Electronic Laboratory is dedicated to supporting the innovation and development of opensource EDA community along with a history of experience in multiple applications.

Longer Description : Fedora Electronic Laboratory provides a complete electronic laboratory setup with reliable open source design tools in order to meet one's requirements to keep one in pace with current technological race. Project management tools such as spreadsheet, gantt diagram, mindmapping tools.... are also included.

URL : <http://chitlesh.fedorapeople.org/FEL/>

Speaker : Chitlesh Goorah

Bio : Chitlesh is a postgraduate student in Micro-Nano Electronics at the University of Louis Pasteur . He is also holding a intern position in VLSI design at ON Semiconductor (former AMI Semiconductor).

email : chitlesh@fedoraproject.org

JabberID :

URL : <https://fedoraproject.org/wiki/ChitleshGoorah>

Cobbler/Koan

Title : Cobbler/Koan

Abstract : Cobbler is a Linux installation server that allows for rapid setup of network installation environments.

Longer Description : Most deployments of Linux systems are very rarely just one or two systems. Once you get past just installing Linux on your home system or your workstation it is time to think about how you are going to manage installing, and if required re-installing, these groups of systems in a repeatable manner. This is where Cobbler and Koan come in.

Cobbler is a next generation systems management tool designed to keep a track of not just your systems but the initial system deployment configuration, host networking and even the configuration management. Koan provides the same facilities in the new world of systemvirtualization.

During this talk we aim to demonstrate just how easy Cobbler and Koan make keeping track of your Linux deployments and configurations.

URL : <https://fedorahosted.org/cobbler/>

Speaker : Robert Lazzurs

Bio : Robert has been a UNIX systems administrator for 8 years now first at ISP's and businesses and now for TomTom in our Edinburgh office. He has used RedHat Fedora for most of the professional career.

small and email : rob@lazzurs.net
lazzurs@gmail.com

JabberID :

URL : <http://www.lazzurs.net/>
<http://www.lazzurs.net/>

Speaker : Jasper Capel

Bio : Jasper live in The Netherlands. I'm involved with the Cobbler project

email : capel@stone-it.com

JabberID :

URL : <https://fedoraproject.org/wiki/JasperCapel>

FreeIPA

Title : FreeIPA

Abstract : FreeIPA is an integrated security information management solution combining Linux (Fedora), Fedora Directory Server, MIT Kerberos, NTP, DNS. It consists of a web interface and command-line administration tools. Currently it supports identity management with plans to support policy and auditing management.

Longer Description :

URL : http://www.freeipa.org/page/Main_Page

Speaker : Simo Sorce

Bio : email : ssorce@redhat.com

JabberID :

URL :

Augeas

Title : Augeas

Abstract : Augeas is a configuration editing tool. It parses configuration files in their native formats and transforms them into a tree. Configuration changes are

Longer Description : made by manipulating this tree and saving it back into native config files. One of the many things that makes Linux configuration management the minefield we all love is the lack of a local configuration API. The main culprit for this situation, that configuration data is generally stored in text files in a wide variety of formats, is both an important part of the Linux culture and valuable when humans need to make configuration changes manually. AUGEAS provides a local configuration API that presents configuration data as a tree. The tree is backed directly by the various config files as they exist today; modifications to the tree correspond directly to changes in the underlying files. AUGEAS takes great care to preserve comments and other formatting details across editing operations. The transformation from files into the tree and back is controlled by a description of the file's format, consisting of regular expressions and instructions on how to map matches into the tree. AUGEAS currently can be used through a command line tool, the C API, and from Ruby, Python, and OCaml. It also comes with descriptions for a good number of common Linux config files that can be edited "out-of-the-box."

URL : <http://augeas.net/>

Speaker : Raphael Pinson

Bio : Raphael is a Linux system administrator, focusing on Debian packaging, configuration deployment and automation of infrastructure systems. His involvement in open-source and lately he has led him to participate in the Kubuntu project as an Ubuntu developer, email : raphink@gmail.com

JabberID : [raphink@jabber.fr](jabber:raphink@jabber.fr)

URL : <http://raphink.info>

RPM packaging

Title : RPM packaging

Abstract :

Longer Description :

URL :

Speaker : Christophe Wickert

Bio : Christophe work for Fedora as a Package Maintainer. ATM He is maintaining nearly all packages). the Xfce-Goodies, most of the LXDE Packages and some other stuff (~ 70 email : cwickert@fedoraproject.org

JabberID :

URL : <https://fedoraproject.org/wiki/ChristophWickert>

Future Fedora-fr challenges

Title : Future Fedora-fr challenges

Abstract : Fedora organization in French speaking country.

Longer Description : Fedora-fr is a non profit organization mainly active in France. Now that the organization is well organized and going to have its head renewed for the first time at the beginning of this year, Fedora-fr has to meet other French speaking Fedora addicts in foreign countries, and see how it can help them buzz about Fedora and organise events in their own areas.

URL :

Speaker : Thomas Canniot

Bio : Former English student, Thomas Canniot is the President of Fedora-fr, the French speaking non profit organization which actively promote Fedora in France. France. With the help of over motivated French ambassadors a very active website

could have been set up, providing free services in French around fedora : forum, IRC channel, blogging platform, help to join the Project, help for packaging.
email : mrtom@fedoraproject.org
JabberID :
URL : <https://fedoraproject.org/wiki/ThomasCanniot>

Func, Symbolic: Present and future

Title : Func, Symbolic: Present and future
Abstract :
Longer Description : Theory and demo. In the first part will be a short explanation about what are func and symbolic, and (in particular for symbolic) what are future plans. In the second part will be how set-up func and symbolic and how they work.
URL : <https://fedorahosted.org/func/>
Speaker : Francesco Crippa
Bio : He is a "Senior Solutions Architect". I design and build enterprise architectures based on Linux, Java and some other funny stuff
email : fcrippa@byte-code.com
JabberID :
URL : <https://fedoraproject.org/wiki/FrancescoCrippa>
Speaker : Luca Foppiano
Bio : Luca started to use Linux several years ago. Right now, he is developer at Byte-code Srl, a small Italian IT company. He is a Fedora Ambassador and contributor since May 2008.
email : lfoppiano@byte-code.com
JabberID :
URL :

Sugar: what is and why Fedora might care

Title : Sugar: what is and why Fedora might care
Abstract : Introduction to Sugar and SugarLabs, strategic importance it might have for Fedora and GNOME, and synergy with other projects Fedora cares about.
Longer Description :
URL : <http://sugarlabs.org>
Speaker : Tomeu Vizoso
Bio : Sugar developer since Oct 2006, contracted by OLPC for 2 years and now volunteer.
email :
JabberID :
URL : <http://sugarlabs.org/go/User:Tomeu>
Speaker : Greg DeKoenigsberg
Bio : He does open source community work for Red Hat.
email : gdk@redhat.com
JabberID :
URL : <https://fedoraproject.org/wiki/GregDeKoenigsberg>

Some pictures



Logo 1



Logo 2

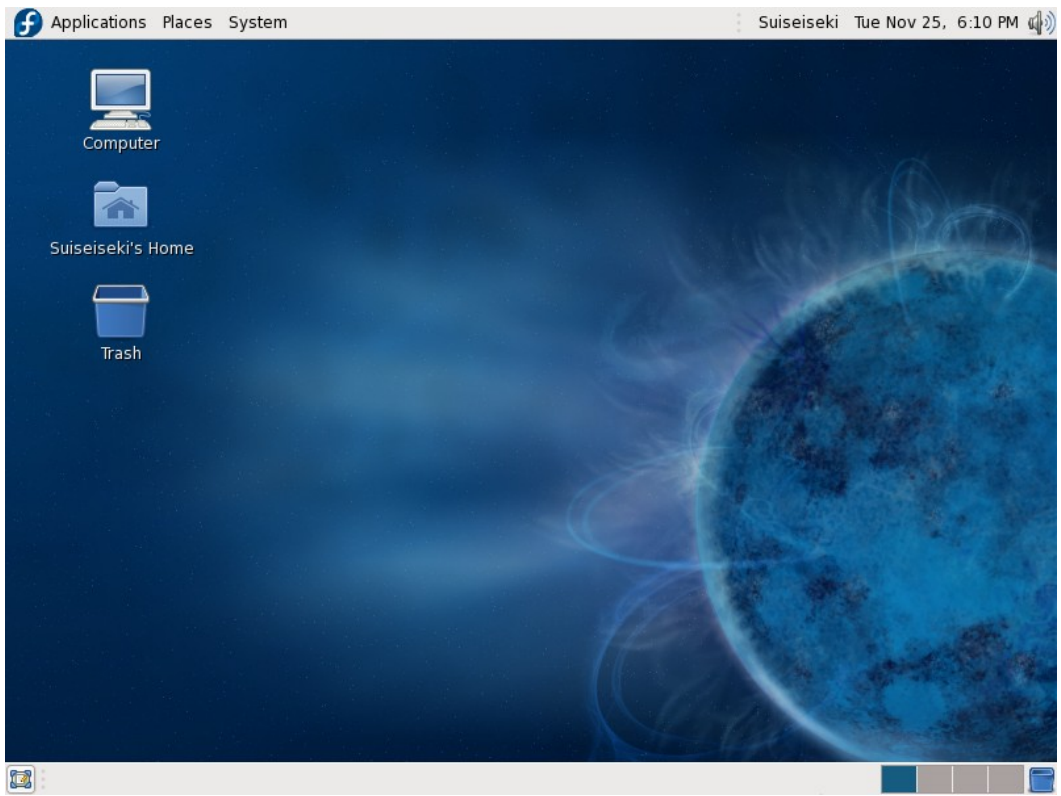


Logo 3



Logo4L

Logo/UsageGuidelines : <https://fedoraproject.org/wiki/Logo/UsageGuidelines>



Gnome Desktop



KDE Desktop



Fedora Community at FOSDEM'08



Fedora Community at FOSDEM'08

Contacts

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