



Beyond the 4 Fs

What is Fedora effectively doing
for Open Source?

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A brief history of time

In 2003,
Fedora Project
started based on
Red Hat Linux 9

Fedora is turning 10
years old in 2013

What have we done
since then?

2004

2004 – Fedora Core 2, 3

- Linux Kernel 2.6
- **SELinux integration**
- Xorg
- GRUB
- Firefox

2005

2005 – Fedora Core 4

- OpenOffice 2.0
- **Xen integration**
- PowerPC port

2006

2006 – Fedora Core 5, 6

- **Native POSIX Threads Library**
- **Compiz and AIGLX**
- **Smolt (collects anonymous hardware info)**

2007

2007 – Fedora 7 and 8

- Infra and Release Eng. changes
 - Core and Extras repositories merged
 - Spins and Live CDs
- **PulseAudio**
- **IcedTea**
- **NetworkManager**

2008

2008 – Fedora 9 and 10

- **OpenJDK 6 replaced IcedTea**
- **PackageKit**
- **Upstart**
- **Anaconda installer improvements**
 - Resizes ext* and NTFS partitions
 - Encrypted volumes
- **Ext4 support**
- **Plymouth**

2009

2009 – Fedora 11 and 12

- Faster boot support
- Ext4 as default filesystem
- **Experimental Btrfs support**
- Fingerprint reader support
- i686 optimization
- **KVM, libvirt, libguestfs**
- **Yum-presto and delta RPMs**

2009 – Fedora 11 and 12

- NetworkManager supports mobile broadband
- Ext4 support in /boot
- **New default compression: XZ**
- **Systemtap**
- **GNOME Shell preview**

2010

2010 – Fedora 13 and 14

- **Automatic printer driver installation**
- **SSSD authentication**
- System rollback support for Btrfs
- Fedora 14 images in the Amazon EC2 cloud
- **Virt-v2v tool**
- **SPICE framework for VDI deployment**
- GNOME Shell moves to Tech Preview status

2011

2011 – Fedora 15 and 16

- GNOME 3
- Systemd replaces upstart
- Firewalld
- Consistent Network Device Naming
- First release with Linux Kernel 3.x
- GRUB2
- Unified Ext* (one driver fits all)

2011 – Fedora 15 and 16

- HAL replaced by udisks, upower and libudev
- Virtualization improvements
 - OpenStack, Aeolus Conductor, Condor Cloud
- Enhanced Cloud support

2012

2012 – Fedora 17 and 18

- GNOME 3.4 and software rendering
- **New filesystem structure (move to /usr)**
- Systemd-logind replaces Consolekit
- Virt-manager supports USB pass-through
- Services running on private temp dirs
 - Improved security, sandboxing
- **JBOSS AS 7**

2012 – Fedora 17 and 18

- **UEFI Secure Boot**
- **Anaconda installer rewritten**
- FedUp system upgrade utility
- **MATE and Cinnamon desktop environments**
- Even better Cloud Computing support
- FirewallD becomes default
- **oVirt Engine**

The world didn't end,
but Fedora 18 slipped.

It's OK. ;-)

2013

2013 – Fedora 19

- GNOME 3.8
- MariaDB replacing MySQL
- **3D Printing tools**
- **Developers Assistant tool**
- **Federated VoIP**
- Java 8 Tech Preview
- **OpenShift Origin**

Fun fact!

Fedora 19 was actually released from Porto Alegre, on the day before FISL 14! Fedora Release Manager Dennis Gilmore typed in the magical commands from Fedora Developer Rafael Aquini's apartment in Porto Alegre. :-)

Summary



It only gets faster.

Fedora's mission is to advance the state-of-the-art in Free and Open Source Software and Content as a collaborative community.

Come join us at

<http://fedoraproject.org/>

Questions?



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