

What is the Big Picture?

Fedora is People

- Helps lower the barrier for entry
- Encourage new developer contributions
- Enables members to collaborate and communicate effectively



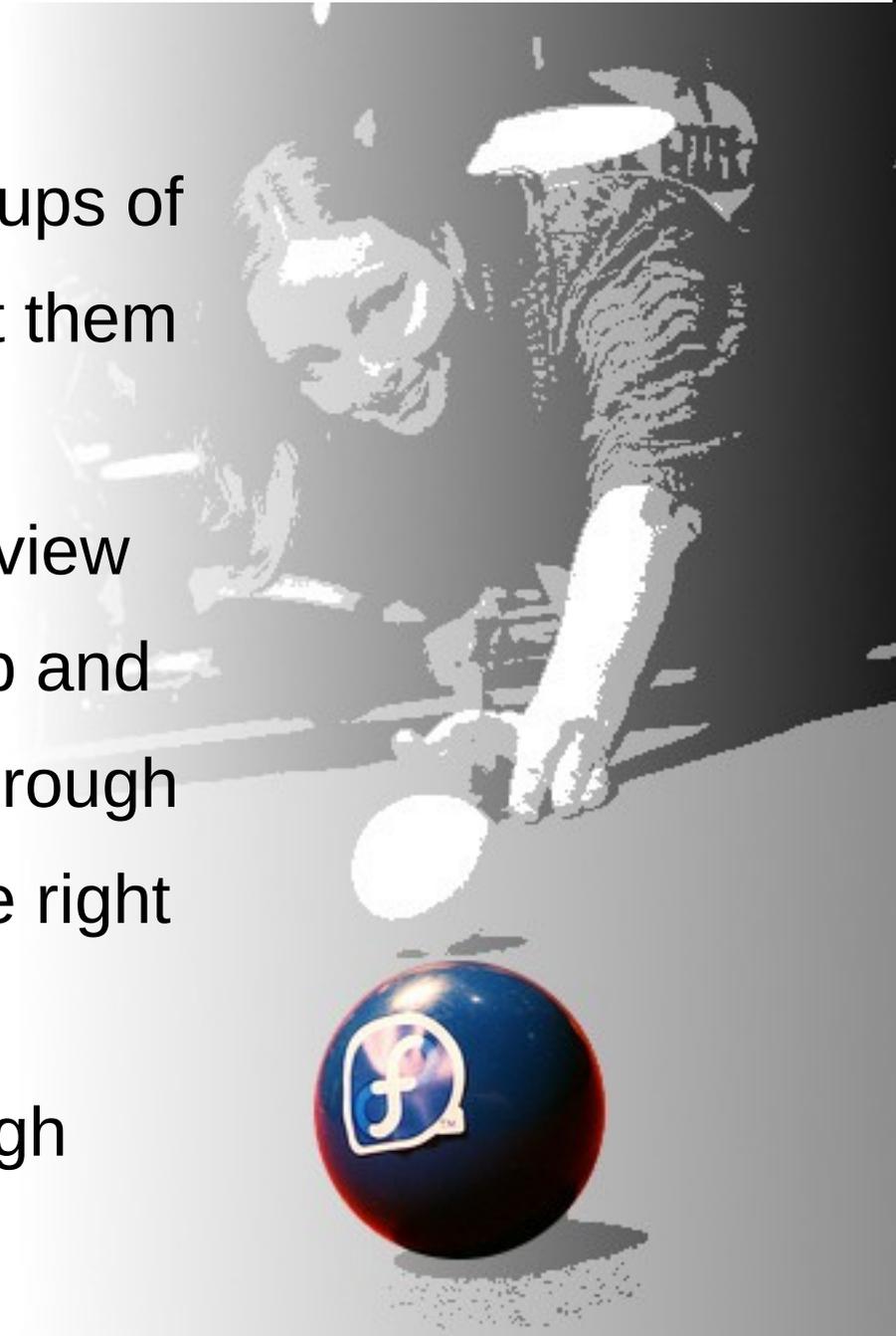
Fedora is Tools



- Add a layer of cohesion between existing infrastructure and communication mediums

Fedora is Tasks

- Effectively delegate tasks to groups of people that have the skills to get them done
- Consolidate tasks into a single view
- Allow new contributors to get up and running fast by stepping them through process and pointing them in the right direction for help
- Automate repetitive tasks through workflows



Fedora is Community

- Bringing it all together
 - The best tools attract the most users
 - Makes it trivial to dive into projects and become a productive contributor
 - Better utilize the skills of the community to facilitate open source development
 - Bridges other communities to the benefit of both Fedora and Upstream
 - Improves our current group structure by making it easier for groups to collaborate on shared goals

**What are the Specific Goals of
Moksha and Fedora Community?**

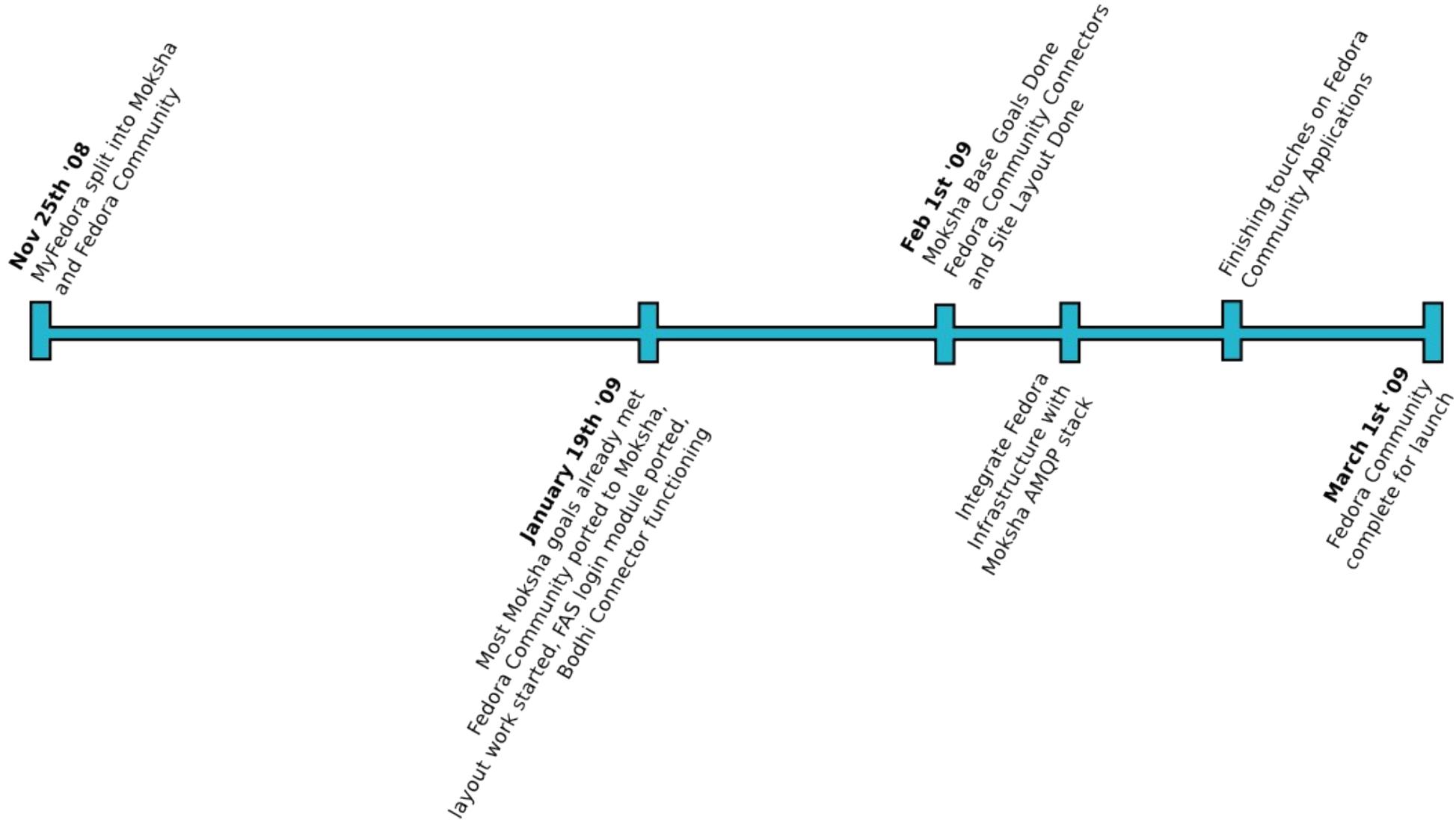
Moksha Goals

- To bring AMQP to the web, and make it simple to use.
- To bring "real-time" to the web, and make it simple to use.
- To lower the barrier for creating rich live web applications
- To bring together best available technologies to provide a next-generation software architecture
- To facilitate community building "out of the box"
- To act as a central hub for any project/team/company/etc.
- To effectively wield community members through intelligent task delegation and mentorship

Fedora Community Goals

- To bring existing tools into one user interface and bring tighter integration between them
- To increase communications between members of the Fedora Project
- To lower the barrier of entry for new users and developers
- To make package maintenance less of a burden on developers
- To bridge the gap between upstream and downstream by enabling better information sharing such as when new packages are released
- Make members feel like they are part of one cohesive project, even those who are working on projects based on Fedora

Time Line



Moksha Status

Complete

- [X] WSGI (PEP 333) compliant application and middleware stack
- [X] real-time messaging hub using the Advanced Message Queuing Protocol (AMQP)
- [X] low-latency browser socket for asynchronous "real-time" browser<->server communication
- [X] powerful widget creation API that trivializes the creation of modular, scalable, reusable real-time widgets that can efficiently acquire data from a variety of sources.
- [X] data aggregation layer that handles fetching feeds for the widgets, caching them, and sending them to the user via AMQP messages through Orbited.
- [X] self-scaling architecture that can adapt to a variety of infrastructure environments.
- [X] highly-scalable plugin infrastructure that transparently handles initializing, dispatching, and manipulating applications and widgets – allowing people to rapidly innovate without worrying about the under/over-lying software architecture.
- [X] To make it simple to hook into any event in the system
- [X] resource layer that trivializes interacting with external services in an intelligent and efficient manner.

Fedora Community Status

Complete

- FAS Authorization and Authentication
- Koji Connector for builds data
- Base CSS styling
- Port to Moksha
- Main controller application
- Tabbed interface elements
- Datagrid for browsing data via the connectors

Todo

- FAS, Bodhi, PackageDB connectors
- FAS, Bodhi, PackageDB query enhancements
- Complete Layout
- Builds, Packages, Alerts, People, Search and Filter apps
- Beautifying
- Pagination control for grid
- Testing

fedora
MY FEDORA

LOGGED IN: fedora_user LOG OUT

Overview
My Profile
Package Maintenance
People
Search

Welcome back, Máirín!

Search: Users [v] [] Search
Advanced ...

Account Status

- Your maintainership of package **gnome-desktop** was approved.
- Your upgrade to **administrator** in **Spacewalk** was not approved. [View details]
- Your upgrade to **sponsor** in group **Fedora Bugs Group** was approved.

[View older status items...](#)

Latest Builds Display: Packages I Own [v]

Package	Requestor	Time	Finished	Status
gdm	halfline	46 m	Today 2:14 pm	<input checked="" type="checkbox"/> Success
gdm	darth vader	34 m	Today 11:23 am	<input checked="" type="checkbox"/> Fail
plymouth	halfline	1 h 22 m	Yesterday 9:44 pm	<input checked="" type="checkbox"/> Success
plymouth	halfline	22 m	3 days ago	<input checked="" type="checkbox"/> Fail
gdm	skywalker	52 m	1 week ago	<input checked="" type="checkbox"/> Fail

[View all builds ...](#)

Planet Fedora

 **Fedora Weekly Comic: Summertime**
It looks like all my webcomic's characters are geeky enough so ... [Read more ...]

 **FUDCon Brno 2008 Hotel**
For those of you attending FUDCon Brno 2008, please go to the ... [Read more ...]

 **Federico is awesome**
For my Fedora friends who don't read Planet GNOME (you ... [Read more ...]

[View more Planet Fedora ...](#)

Alerts

- Your Packages**
 - 12 failed builds [View details]
 - 8 successful builds [View details]
 - 6 packages pushed to updates [View details]
 - 8 new upstream updates available [View details]

Tasks

- My Profile**
 - Edit my profile page
- Package Maintenance**
 - View my packages
 - View my builds
 - View my pending updates
- Search**
 - Find a user
 - Find a package

My Packages

- Packages I Own (40)**
 - gdm
 - gnome-desktop
 - gnome-games
 - gnome-panel
 - libgnomeui
 - 35 more packages ...
- Packages I Maintain (2)**
 - fedora-artwork
 - firstboot

User's Home Page

- Account Status: Any changes to your account shows up here
- Alerts: Notification for things like build failures
- Latest Builds: Keep track of your builds without having to go to the builds page
- Tasks: Quick links
- Packages: a list of quick links to packages you own
- Planet Fedora: Keep up with what others in Fedora are doing this morning

SEARCH

LOGGED IN: fedora_user

LOG OUT

Overview

Overview

Builds

Updates

Packages

Package Groups

My Profile

Package Maintenance

People

Search

Overview: Builds of Packages I Own

IN-PROGRESS BUILDS

Package	Release(s)	Submitted
abiword 2.6.4-7.fc10	Fedora 10	3 minutes ago
ekiga 2.23.2-1.fc9	Fedora 9	2 hours ago
aspell 2.2.4-7.fc11	Rawhide	5 hours ago
thunderbird 0.5.0-6.fc11	Rawhide	9 hours ago
gdm 9.0.0-8.fc10	Fedora 10	Yesterday

Viewing 5 of 7 in-progress builds.
[View all 7 in-progress builds >](#)

FAILED BUILDS

Package	Release(s)	Submitted
firefox 2.6.4-7.fc10	Fedora 10	20 minutes ago
agave 2.23.2-1.fc9	Fedora 9	56 minutes ago
inkscape 2.2.4-7.fc11	Rawhide	2 hours ago
firefox 0.5.0-6.fc19	Fedora 10	2 hours ago
rhythmbox 9.0.0-8.fc9	Fedora 9	4 hours ago

Viewing 5 of 18 failed builds.
[View all 18 failed builds >](#)

SUCCESSFUL BUILDS

Package	Submitted	Release(s)	
xchat 2.6.4-7.fc10	3 minutes ago	Fedora 10	Pushed to updates. View update details >
ekiga 2.23.2-1.fc11	2 hours ago	Fedora 11	Push to updates
krita 2.2.4-7.fc9 2.2.4-7.fc10	5 hours ago	Fedora 9 Fedora 10	Pushed to updates. View update details >
gnome-games 0.5.0-6.fc10	9 hours ago	Fedora 10	Push to updates
audacity 9.0.0-8.fc10	Yesterday	Fedora 10	Push to updates

Viewing 5 of 24 successful builds.
[View all 24 in-progress builds >](#)

Package Lists

▼ Packages I Own (38)

Overview

[In-Progress Builds \(7\)](#)

[Failed Builds \(18\)](#)

[Successful Builds \(24\)](#)

▼ Packages I Maintain (64)

Overview (4235)

[In-Progress Builds \(16\)](#)

[Failed Builds \(25\)](#)

[Successful Builds \(53\)](#)

▼ All Packages (4231)

Overview (4235)

[In-Progress Builds \(166\)](#)

[Failed Builds \(325\)](#)

[Successful Builds \(853\)](#)

Alerts



▼ My Packages

12 failed builds
[[View details](#)]

8 successful builds
[[View details](#)]

6 updates pushed
[[View details](#)]

8 new upstream updates available
[[View details](#)]

► [Packages I Maintain](#)

User's Builds Overview

- In progress, Failed and Successful Builds grid: Filtered tables showing you at a glance info on your latest builds
- Package Lists: Quick links to commonly used filters to view the Builds data with
- Alerts: Same application as the previous slide

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COMMUNITY

Advanced ... SEARCH LOGGED IN: fedora_user LOG OUT

Overview Builds Updates Packages Package Groups

My Profile Package Maintenance People Search

Nautilus *A file manager for GNOME*

Description
Nautilus integrates access to files, applications, media, Internet-based resources and the Web. Nautilus delivers a dynamic and rich user experience. Nautilus is an free software project developed under the GNU General Public License and is a core component of the GNOME desktop project.

Latest Rawhide Build: **nautilus-2.25.1-4.fc11** | Owner: **tbzatek** (Rawhide) [View all owners ...](#)

Recent Events

- 2 builds failed. (nautilus-2.25.1-7 ...) [More details](#)
- 1 update is unpushed. (nautilus-2.25.1-6) [More details](#)
- nautilus-2.25.1-3 update received +1 karma. [More details](#)
- johnp has just been added as a watcher of this package. [More details](#)
- 6 new bugs filed this week. [More details](#)

[View more recent events >](#)

Active Releases Overview

Release	Latest Released Version	Versions in Testing
Rawhide	nautilus-2.25.1-4	Not Applicable
Fedora 10	nautilus-2.24.2-2	nautilus-2.25.1-5 😊 +2 karma
Fedora 9	nautilus-2.22.5.1-1	nautilus-2.24.2-5 😞 -5 karma
Fedora 8	nautilus-2.20.0-9	None

Links to Bodhi details page for this update?

Dashboard
View this package in other Fedora Infrastructure Systems:
[Updates](#) [Builds](#) [Bugs](#) [Source](#) [Package Info](#)

Latest Changelog Entries

Version	Changes	Author	Date
2.25.1-5	• Obsolete gnome-volume-manager	mclasen	5 Dec 2008
2.25.1-4	• Properly open new windows after long mount operation • Fix callback connection to the GtkMountOperation dialog	tbzatek	5 Dec 2008
2.25.1-3	• Fix BuildRequires	tbzatek	4 Dec 2008

[View more changelog entries >](#)

Upstream Summary
 • Project Homepage: <http://projects.gnome.org/nautilus/>

Post-March 09 Feature

Package Details

- Description: Description of the package (wiki editable in the future)
- Recent Events: The latest processes run on this package
- Active release: Information about what versions of this package is released
- Changelog: the latest changelogs from the rawhide package

Overview: Recent Updates for Packages I Own

UPDATES DASHBOARD

- 7 updates are currently waiting to be pushed. [More details >](#)
- 18 updates are currently in testing. [More details >](#)
- 24 updates were recently pushed to stable. [More details >](#)

UNPUSHED UPDATES

Package	Build Age	Release(s)	
xchat 2.6.4-7.fc10	3 weeks	Fedora 10	Push to testing
ekiga 2.23.2-1.fc11	2 weeks	Fedora 11	Push to testing
krita 2.2.4-7.fc9 2.2.4-7.fc10	4 days	Fedora 9 Fedora 10	Push to testing
gnome-games 0.5.0-6.fc10	3 days	Fedora 10	Push to testing
audacity 9.0.0-8.fc10	2 hours	Fedora 10	Push to testing

Viewing 5 of 7 unpushed updates. [View all 7 unpushed updates >](#)

TESTING UPDATES

Package	Build Age	Release(s)	Status		
firefox 2.6.4-7.fc10	1 month ago	Fedora 10	Testing +2 karma	Unpush	Push to stable
thunderbird 2.23.2-1.fc11	3 weeks ago	Fedora 11	Testing -5 karma	Unpush	Push to stable
gimp 2.2.4-7.fc9 2.2.4-7.fc10	3 weeks ago	Fedora 9 Fedora 10	Testing 0 karma	Unpush	Push to stable
inkscape 0.5.0-6.fc10	2 weeks ago	Fedora 10	Testing 0 karma	Unpush	Push to stable
nautilus 9.0.0-8.fc10	1 week ago	Fedora 10	Testing -1 karma	Unpush	Push to stable

Viewing 5 of 18 testing updates. [View all 18 testing updates >](#)

STABLE UPDATES

Package	Date Pushed to Stable	Release(s)
xchat 2.6.4-7.fc10	10 Jan 2009	Fedora 10
ekiga 2.23.2-1.fc11	9 Jan 2009	Fedora 11
krita 2.2.4-7.fc9 2.2.4-7.fc10	9 Jan 2009	Fedora 9 Fedora 10
gnome-games 7 Jan 2009	7 Jan 2009	Fedora 10

Package Lists

▼ Packages I Own

- Overview
- Unpushed Updates (7)
- Testing Updates (18)
- Stable Updates (24)
- ▼ Packages I Maintain
- Overview
- Unpushed Updates (16)
- Testing Updates (25)
- Stable Updates (53)
- ▼ All Packages
- Overview
- Unpushed Updates (166)
- Testing Updates (325)
- Stable Updates (853)

- Alerts
- ▼ My Packages
 - 12 failed builds [View details]
 - 8 successful builds [View details]
 - 6 updates pushed [View details]
 - 8 new upstream updates available [View details]
 - ▼ Packages I Maintain
 - ▼ All Packages
 - 12 failed builds [View details]
 - 8 successful builds [View details]
 - 6 updates pushed [View details]
 - 8 new upstream updates available [View details]

User's Updates

- Unpushed, Testing, Stable updates – overview of your latest updates

Overview

My Profile

Package Maintenance

People

Search



Evangeline M.

Recent Activity Display:

- Your account is active. [[Deactivate](#)]
- Your membership in group [Fedora Spins Site](#) was approved.
- Your upgrade to **administrator** in [Spacewalk](#) was not approved. ([View details](#))
- Your upgrade to **sponsor** in group [Fedora Bugs Group](#) was approved.

[View older status items...](#)

Recommendations ✕

- Recommended Packages** —
 - [gnome-desktop](#) [more...](#)
- Recommended Groups** —
 - [Firefox Maintainers](#)
 - [Ruby Fanboys Club](#) [more...](#)
- Recommended People** —
 - [Paul Fields](#)
 - [John Palmieri](#) [more...](#)

My Memberships (5)

Group	Members	Time	Finished
Gdm Maintainers			
Fedora Bugs Group			
Fedora Spins Site			
Plymouth Maintainers			
Ruby Maintainers			

My Friends (75)



[67 more friends ...](#)

My Packages (10)

Packages I Own (2)			
Package	Maintainers	Most Recent Build	Last Modified
ruby	20	<input checked="" type="checkbox"/> 1.8.6.230-5.fc10	Today 2:14 pm
ruby-activerecord	3	<input checked="" type="checkbox"/> 2.0.1-1.fc8	Today 11:23 am

Packages I Maintain (8)			
Package	Owner	Most Recent Build	Last Modified
plymouth	skywalker	<input checked="" type="checkbox"/> 0.1.0-1.fc8	Yesterday 9:44 pm

User's Profile

- Recent activities: Keeps track of the recent groups you have and permissions you have been granted
- My Memberships: Groups you are a part of
- My Packages: packages you maintain

Unified Search

- Search all resources in one interface

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LOGGED IN: **fedora_user** [LOG OUT](#)

Overview

My Profile

Package Maintenance

People

Search

Search Results

Packages
 People
 Groups
 [Advanced Search ...](#)

Packages 5 of 58

Package	Rawhide Maintainer	Most Recent Rawhide Build	Last Modified
ruby	halfline	✔ 1.8.6.230-5.fc10	Today 2:14 pm
ruby-activerecord	 Darth Vader	✘ 2.0.1-1.fc8	Today 11:23 am
ruby-augeas	halfline	✔ 0.1.0-1.fc8	Yesterday 9:44 pm
rubystem-builder	halfline	no builds	N/A
rubyripper	skywalker	✘ 0.5.2-3.fc8	1 week ago

[View all 58 package search results ...](#)

People 13 of 90

+ Fake Category to Demonstrate Collapsed Table Rows 3 results

- Group Members 2 of 43 results

User	Group	Most Recent Build	Last Login	Activity
halfline	Ruby Maintainers	✔ 0.1.0-1.fc8	Yesterday 9:44 pm	Active
lando	Rails Fanboy Club	no builds	Today 9:01 am	Low

- Package Maintainers 2 of 38 results

User	Package	Most Recent Build	Last Modified
Darth Vader	ruby-activerecord	✘ 2.0.1-1.fc8	Today 11:23 am
halfline	ruby	✔ 1.8.6.230-5.fc10	Today 2:14 pm

+ Random Fake Category to Demonstrate Collapsed Table Rows 5 results

- User Names 1 of 1 1 of 1 results

Categories and users listed in alphabetical order