

Fedora 支撑系统简介

李瑞彬

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2013 年 1 月 26 日

0. 主题

Fedora 支撑系
统简介

李瑞彬

0. 主题

1. FAS

2. packagedb

3. koji

4. bodhi

5. git

6. bugzilla

7. people

8. ask

9. transifex

10. WIM

- 介绍 Fedora 的支撑系统
- 介绍软件包升级流程
- 介绍软件库组织形式
- 宣传可复制的社区模式，可复制的社区工具
- 参与 Fedora 社区 10 个 tips
- 希望大家收藏几个网站

先注册个账号吧

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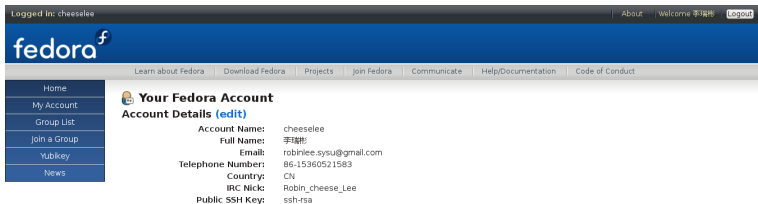
7. people

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- <https://admin.fedoraproject.org/accounts>
- Fedora 账号系统；负责用户验证、授权




The screenshot shows the 'Your Fedora Account' page on the FAS (Fedora Accounts System) website. The user is logged in as 'cheeselee'. The page displays account details, including the full name '李瑞彬', email 'robinlee.sysu@gmail.com', telephone number '86-15360521583', country 'CN', IRC Nick 'Robin_cheese_Lee', and Public SSH Key 'ssh-rsa'. A navigation menu on the left includes links for Home, My Account, Group List, Join a Group, Yubikey, and News. The top navigation bar includes links for About, Welcome 李瑞彬, and Logout.

Logged in: cheeselee | About | Welcome 李瑞彬 | Logout

fedora^f

Learn about Fedora | Download Fedora | Projects | Join Fedora | Communicate | Help/Documentation | Code of Conduct

Home
My Account
Group List
Join a Group
Yubikey
News

 **Your Fedora Account**
Account Details ([edit](#))

Account Name: cheeselee
Full Name: 李瑞彬
Email: robinlee.sysu@gmail.com
Telephone Number: 86-15360521583
Country: CN
IRC Nick: Robin_cheese_Lee
Public SSH Key: ssh-rsa

签署 FPCA

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- Fedora Project Contributor Agreement
- https://fedoraproject.org/wiki/Legal:Fedora_Project_Contributor_Agreement#FPCA_Text
- 社区协作契约
- 给社区贡献的前提
- 中心思想：你的贡献，要有显式授权，否则默认接受 Fedora 社区的授权条款

搜索软件包

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- 旧版 : <https://admin.fedoraproject.org/pkgdb/>
- 新版 : <https://apps.fedoraproject.org/packages/>

fedora^f

CSR PROTECTED VERIFY LOGIN LOGOUT

NAVIGATION



[Home](#)

- [Applications](#)
- [Builds](#)
- [Packages](#)

- [View Collections](#)
- [View Bugs](#)
- [My Packages](#)
- [Orphan Packages](#)
- [Package Stats](#)
- [PackageDB Bugs](#)

Fedora Package Database -- Version 0.5.7

Overview

The Package Database is a central repository of package information in Fedora. You will eventually be able to find and change all the meta-information about a package by searching the database. The current implementation is focused on the data that package developers and release engineers need to create packages and spin them into a distribution.

Search

APPLICATIONS

BUILDS

PACKAGES



Most discussed

- Spring**
6 comments
- Terminal**
3 comments
- Gnome Shell**
4 comments
- Smb4K**
4 comments

↳ [Nathanael Ide 6 7 1](#)

Most popular

- Geany**
Rated 14 times
- Digikam**
Rated 10 times
- Terminal**
Rated 9 times
- Yakuake**
Rated 7 times
- Gnome Shell**

软件包主页

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- 比如：<https://admin.fedoraproject.org/pkgdb/acls/name/firefox>
- 软件包权限列表 (acl)，查看 package 的 owner, co-maintainer
- 提供链接查看软件包的其它信息

firefox

 [Build Status](#)  [Update Status](#)  [Package Source](#)  [Bug Reports](#)

Status	Approved
Creation Date	Not yet implemented

Mozilla Firefox Web browser

Mozilla Firefox is an open-source web browser, designed for standards compliance, performance and portability.

Contents:

- [Fedora devel](#)
- [Fedora 18](#)
- [Fedora 17](#)

软件包自动构建系统

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- 在软件包主页点击“Build Status” 进入
- 功能：利用打包材料为 Fedora 各分支完成 RPM 构建
- 查看构建状态
- 查找软件的其它版本，包括最新版本



Information for package **firefox**

Name [firefox](#)
ID 37

Builds

1 through 50 of 431 >>>

Page: [1](#) >>

NVR	Build by	Finished	State
firefox-18.0-1.fc19	bruno	2013-01-11 05:53:26	✓
firefox-18.0-1.fc18	stransky	2013-01-09 16:57:37	✓
firefox-18.0-1.fc17	stransky	2013-01-09 16:57:20	✓
firefox-18.0-1.fc16	stransky	2013-01-09 16:54:29	✓
firefox-17.0.1-2.fc16	stransky	2012-12-18 13:37:01	✓
firefox-17.0.1-2.fc19	stransky	2012-12-18 13:35:40	✓
firefox-17.0.1-2.fc18	stransky	2012-12-18 13:29:48	✓
firefox-17.0.1-2.fc17	stransky	2012-12-18 13:29:25	✓
firefox-17.0.1-1.fc19	xhorak	2012-11-30 22:30:42	✓
firefox-17.0.1-1.fc16	xhorak	2012-11-30 22:21:39	✓
firefox-17.0.1-1.fc18	xhorak	2012-11-30 22:20:03	✓
firefox-17.0.1-1.fc17	xhorak	2012-11-30 22:18:54	✓
firefox-17.0.1-1.fc16	stransky	2012-11-10 15:10:05	✓

Fedora 软件库组织

Fedora 支撑系统简介

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- Rawhide: 最前沿的测试分支，永不稳定
- (base): 已发布的 Fedora 版本的完整软件库
- updates: 已发布的 Fedora 版本的升级软件库
- updates-testing: 已发布的 Fedora 版本的升级软件的测试分支

bodhi: 软件包升级管理系统

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- 在软件包主页点击“Update Status”进入
- 维护一个软件包从 updates-testing 到 updates 的流程
- 功能：给软件包的升级添加评论、投票

The screenshot shows the Bodhi update management interface for the 'firefox' package. The left sidebar contains navigation links for 'Logout', 'cheeslee's Home', 'My Updates (114)', 'New Update', 'Buildroot Overrides', and updates for Fedora 18, 17, and 16. The main content area displays the 'firefox' package name, several utility links (RSS Feed, Fedora Community, Open Bugs, Package Database, Koji Buildsystem, Package Source), and a table of 43 updates found. The table has columns for ID, Update, Release, Type, Status, Request, Submitter, and Submitted.

ID	Update	Release	Type	Status	Request	Submitter	Submitted
FEDORA-2013-0578	firefox-18.0-1.fc18.xulrunner-18.0-6.fc18	Fedora 18	👉	stable	👉	stransky	2013-01-10 10:13:42
FEDORA-2013-0885	firefox-18.0-1.fc16.xulrunner-18.0-6.fc16	Fedora 16	👉	stable	👉	stransky	2013-01-09 19:40:49
FEDORA-2013-0891	firefox-18.0-1.fc17.xulrunner-18.0-6.fc17	Fedora 17	👉	stable	👉	stransky	2013-01-09 19:40:46
FEDORA-2012-19451	xulrunner-17.0.1-1.fc17.firefox-17.0.1-1.fc17	Fedora 17	👉	stable	👉	xbarak	2012-11-30 22:29:58
FEDORA-2012-19516	xulrunner-17.0.1-1.fc18.firefox-17.0.1-1.fc18	Fedora 18	👉	stable	👉	xbarak	2012-11-30 22:29:52

打包材料的版本管理系统

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- 在软件包主页点击“Package Source”进入
- 管理 RPM 打包用要的 spec 文件、补丁
- 使用“cgit”作为 Web 界面
- 日常多使用 `fedpkg` 命令访问

问题跟踪系统

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- 在软件包主页点击“Bug Reports”进入
- 与 RedHat 共用，要单独注册账号

Fedora People

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- Fedora 贡献者的个人空间
 - SSH
 - 静态 HTTP 空间
 - 个人 Yum 软件库
 - 个人 Git 仓库
- 当然，要加入 Fedora 的贡献小组 (如 packager, ambassador) 才能使用

Fedora People Repos

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- <http://repos.fedorapeople.org/>
- Fedora People 中的软件库列表
- 由 Fedora 贡献者提供的第三方软件库
- 包括 Chromium, 测试版本软件, 各种内核

Q&A

Fedora 支撑系统简介

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- <http://ask.fedoraproject.org/>
- 基于 Django Askbot
- 对新手友好的问答系统
- 尽管提问，不用理什么《提问的智慧》

The screenshot shows the Askbot website interface. At the top, there is a navigation bar with a home icon, a search bar containing "ALL UNANSWERED", and an "ASK YOUR QUESTION" button. Below the navigation bar, the page displays "3,428 questions" and a "Search tip: add tags and a query to focus your search". The main content area lists several questions with their respective statistics (votes, answers, views) and tags. On the right side, there is a "Contributors" section showing a grid of user avatars. At the bottom right, there is a "Tags" section.

Hi there! Please sign in

tags people badges

ALL UNANSWERED

ASK YOUR QUESTION

3,428 questions

Sort by » date activity answers votes RSS

Search tip: add tags and a query to focus your search

Fedora 18 DVD Install completes cant boot to HDD

hdd not found

0 votes 0 answers 1 view

2 hours ago Ciaus

Country's flag for keyboard layout Gnome 3.4

gnome-3 fedora-17 keyboard-layout indicator

0 votes 0 answers 2 views

5 hours ago Alter

Fedora 18 overheating laptop

fedora-18 overheating laptop

0 votes 1 answer 68 views

5 hours ago Alex

How can I install canon ip1900 in Fedora 17 (64 bits)?

canon ip1900

0 votes 3 answers 108 views

5 hours ago dharshana

Contributors

Tags

在线翻译系统

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- <https://www.transifex.com/>
- 软件国际化
- 并非 Fedora 专用，需单独注册
- Fedora Translator 的重要工具

原初三大件 Wiki, IRC, Mailing-list

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- 社区协作最简朴、最核心的三大支撑系统
- Wiki: <https://fedoraproject.org/wiki/>
- IRC: https://fedoraproject.org/wiki/Communicating_and_getting_help#IRC
- 中文频道 #fedora-zh, 每周五晚 8 点 IRC 聚会
- Mailing lists: <https://admin.fedoraproject.org/mailman/listinfo>
- 中文用户组: <https://admin.fedoraproject.org/mailman/listinfo/chinese>