



New Skills with Red Hat Upstream Projects

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Principal Software Maintenance Engineer - Red Hat
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Agenda

- About Me
- The Big Question!
- Upstream / Open Source Projects
- Red Hat
- Upstream vs Downstream
- Red Hat Contribution
- Basic Project Workflow
- Complete Project Workflow
- Open Jobs / Opportunities

About Me

About Me

- Waldirio M Pinheiro / Wally
- Married with a beautiful wife
- Children (18 and 16) ... not children anymore .
- Brazilian and living in Canada since 2018
- In love with Technology ... always
- Yes, I do have a Shadowman tattoo!
- I also wrote a book about Spacewalk (upstream of RH Satellite 5)
- I don't feel comfortable in the comfort zone, and you also should not!
- Be humble and practice good acts, this two little things will help you a lot!



waldirio++

The Big Question!

The Big Question!

Would you like to be ready for an interview when a company is looking for a Red Hat experienced person?

And how can you achieve it?

Upstream / Open Source Projects

Upstream / Open Source Projects



- Create your GitHub account, in case you don't have it yet!
- Understanding the difference between Single Repo and Organization
- **Single Project or Repository**, is the repository in the user account
- **Organization**, is a place with multiple repositories

Upstream / Open Source Projects - *Single Project or Repository*

The screenshot shows a web browser window displaying the GitHub repository page for 'waldirio/rvtools_python'. The browser's address bar shows 'github.com/waldirio/rvtools_python'. The repository name 'waldirio/rvtools_python' is highlighted with a red circle. The page includes navigation tabs for 'Code', 'Issues 30', 'Pull requests 5', 'Actions', 'Projects', 'Security', and 'Insights'. A dropdown menu shows the 'master' branch. A list of files and folders is displayed, including 'bin', 'references', 'rvtools', 'test', '.gitignore', 'README.md', 'requirements.txt', and 'setup.py'. The right sidebar contains an 'About' section with the description 'Application to be executed on Linux and collect all information from vCenter', and a 'Releases 1' section showing 'v1.0.0 Latest' on Oct 17, 2021. The 'Packages' section is partially visible at the bottom.

github.com/waldirio/rvtools_python

waldirio / rvtools_python Public

Notifications Fork 9 Star 10

<> Code Issues 30 Pull requests 5 Actions Projects Security Insights

master Go to file <> Code

waldirio [FIX] Updated the setup.py in order to work p... a77bff6 · 6 months ago

bin	[ENHANCEMENT] fixing some pyt...	3 years ago
references	Squash	6 years ago
rvtools	[FIX] sys.exit added	3 years ago
test	Squash	6 years ago
.gitignore	Squash	6 years ago
README.md	[FIX] Updated the setup.py in ord...	6 months ago
requirements.txt	[FIX] Updated the setup.py in ord...	6 months ago
setup.py	[FIX] Updated the setup.py in ord...	6 months ago

About

Application to be executed on Linux and collect all information from vCenter

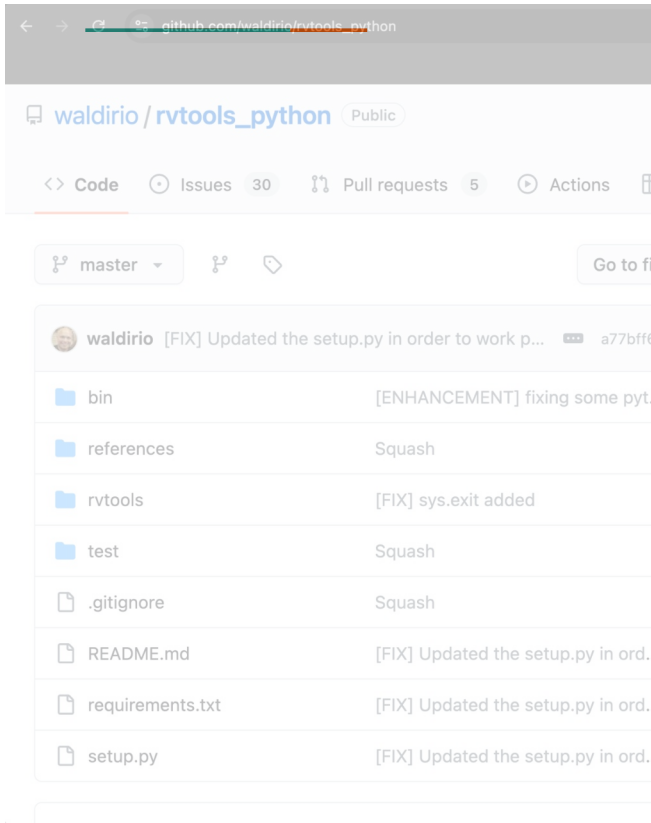
Readme Activity 10 stars 6 watching 9 forks Report repository

Releases 1

v1.0.0 Latest on Oct 17, 2021

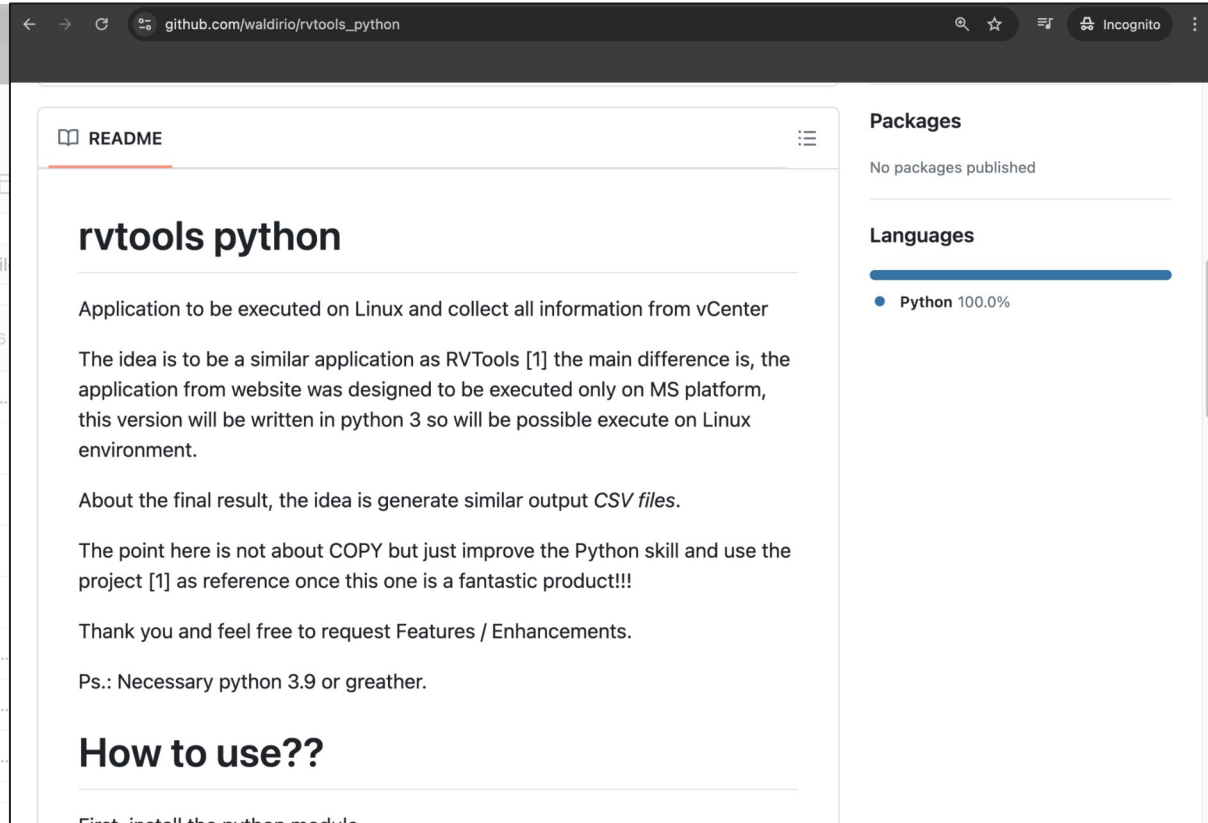
Packages

Upstream / Open Source Projects - *Single Project or Repository*



GitHub repository page for `waldirio / rvtools_python` (Public). The page shows navigation options: Code, Issues (30), Pull requests (5), and Actions. The current branch is `master`. A list of files and folders is displayed, including `bin`, `references`, `rvtools`, `test`, `.gitignore`, `README.md`, `requirements.txt`, and `setup.py`. Each item shows a commit message and a commit hash.

File/Folder	Commit Message	Commit Hash
<code>bin</code>	[ENHANCEMENT] fixing some pyt...	a77bff6
<code>references</code>	Squash	
<code>rvtools</code>	[FIX] sys.exit added	
<code>test</code>	Squash	
<code>.gitignore</code>	Squash	
<code>README.md</code>	[FIX] Updated the setup.py in ord...	
<code>requirements.txt</code>	[FIX] Updated the setup.py in ord...	
<code>setup.py</code>	[FIX] Updated the setup.py in ord...	



GitHub repository page for `waldirio / rvtools_python` (Public). The page shows the README content for the `rvtools python` project.

rvtools python

Application to be executed on Linux and collect all information from vCenter

The idea is to be a similar application as RVTools [1] the main difference is, the application from website was designed to be executed only on MS platform, this version will be written in python 3 so will be possible execute on Linux environment.

About the final result, the idea is generate similar output *CSV files*.

The point here is not about COPY but just improve the Python skill and use the project [1] as reference once this one is a fantastic product!!!

Thank you and feel free to request Features / Enhancements.

Ps.: Necessary python 3.9 or greather.

How to use??

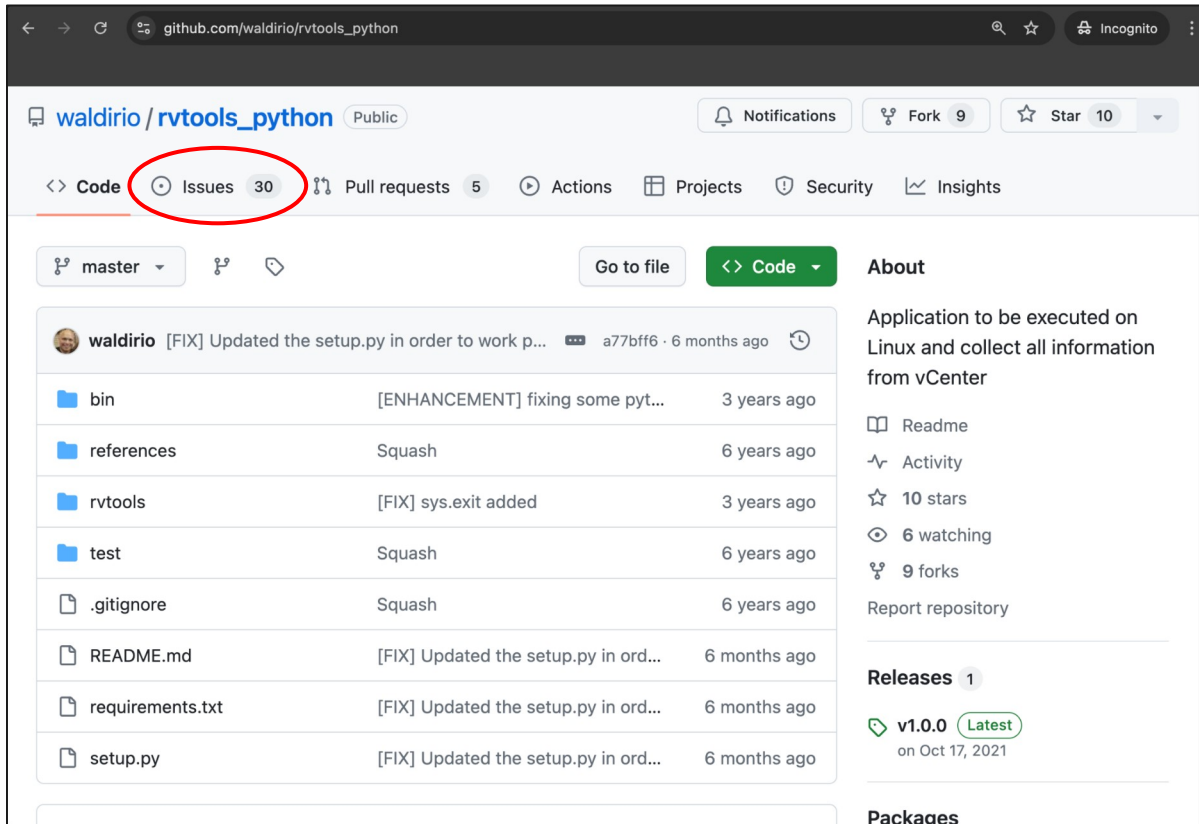
First, install the python module

Packages
No packages published

Languages

- Python 100.0%

Upstream / Open Source Projects - *Single Project or Repository*



The screenshot shows the GitHub repository page for 'waldirio/rvtools_python'. The 'Issues' tab is highlighted with a red circle. The repository is public and has 9 forks and 10 stars. The main content area shows a list of files and folders, including 'bin', 'references', 'rvtools', 'test', '.gitignore', 'README.md', 'requirements.txt', and 'setup.py'. The right sidebar contains an 'About' section, a 'Releases' section with a 'v1.0.0' release, and a 'Packages' section.

Navigation: <> Code **Issues 30** Pull requests 5 Actions Projects Security Insights

Repository: waldirio / rvtools_python (Public)

Stats: Notifications Fork 9 Star 10

Branch: master

Files and Folders:

File/Folder	Commit Message	Time Ago
bin	[ENHANCEMENT] fixing some pyt...	3 years ago
references	Squash	6 years ago
rvtools	[FIX] sys.exit added	3 years ago
test	Squash	6 years ago
.gitignore	Squash	6 years ago
README.md	[FIX] Updated the setup.py in ord...	6 months ago
requirements.txt	[FIX] Updated the setup.py in ord...	6 months ago
setup.py	[FIX] Updated the setup.py in ord...	6 months ago

About: Application to be executed on Linux and collect all information from vCenter

Releases: 1

Latest: v1.0.0 (Latest) on Oct 17, 2021

Packages

Upstream / Open Source Projects - *Single Project or Repository*

The image shows two overlapping browser windows from GitHub. The left window displays the repository overview for 'waldirio / rvtools_python', with the 'Code' tab selected. The right window shows the 'Issues' page for the same repository, with the 'Issues' tab selected. A red arrow points from the 'Issues' tab in the right window to the 'Issues' tab in the left window, indicating the navigation path.

Repository Overview (Left Window):

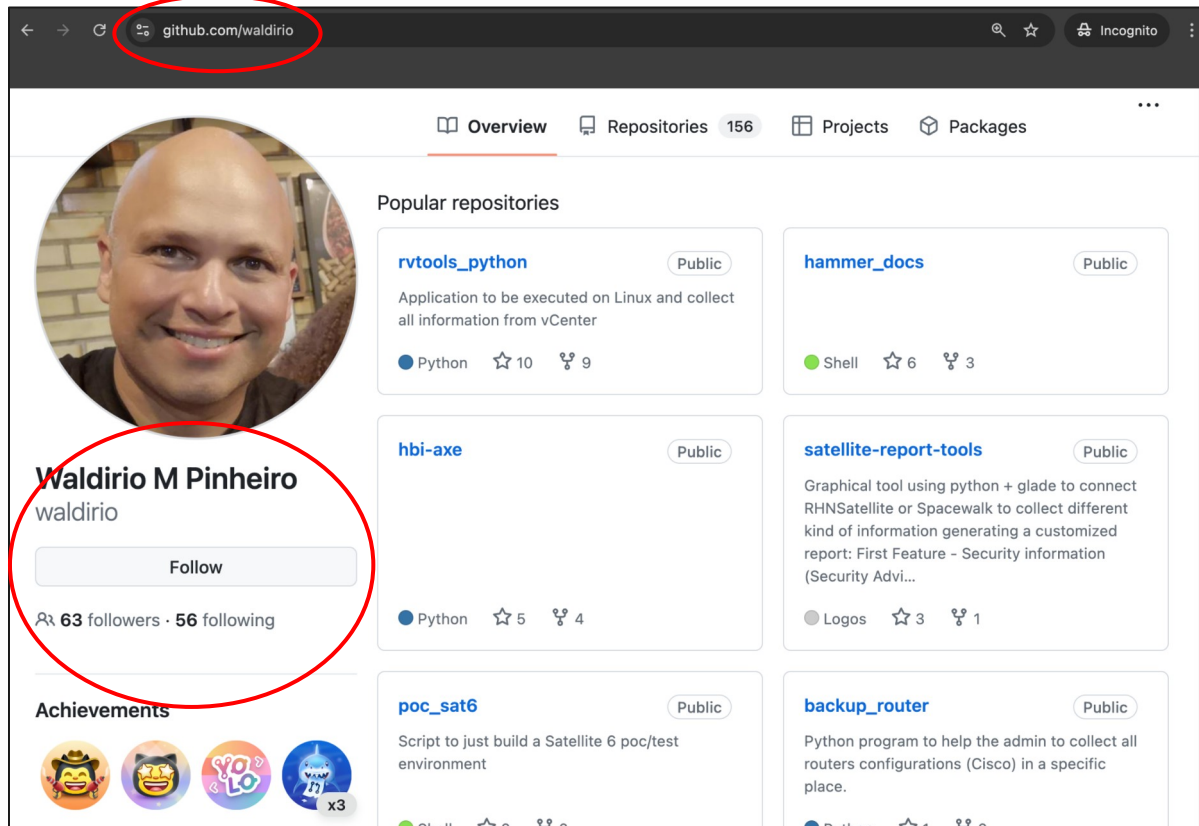
- Repository: waldirio / rvtools_python (Public)
- Navigation: Code, Issues (30), Pull requests (5), Actions
- Branch: master
- Files: bin, references, rvtools, test, .gitignore, README.md, requirements.txt, setup.py

Issues Page (Right Window):

- Repository: waldirio / rvtools_python (Public)
- Navigation: Code, Issues (30), Pull requests (5), Actions, Projects, Security, Insights
- Search: is:issue is:open
- Filters: Labels (9), Milestones (2), New issue
- Summary: 30 Open, 8 Closed
- Issue List:

Author	Label	Projects	Milestones	Assignee	Sort
	enhancement				
	enhancement				
	bug				
	bug				
	enhancement				

Upstream / Open Source Projects - *Single Project or Repository*



The screenshot shows a web browser window with the address bar containing `github.com/waldirio`. The page displays the profile of Waldirio M Pinheiro, who has 63 followers and is following 56 users. The profile includes a circular profile picture, a "Follow" button, and a section for "Achievements" with four icons. Below the profile, there are tabs for "Overview", "Repositories" (156), "Projects", and "Packages". The "Popular repositories" section lists several projects:

- rvtools_python** (Public): Application to be executed on Linux and collect all information from vCenter. 10 stars, 9 forks. Language: Python.
- hammer_docs** (Public): 6 stars, 3 forks. Language: Shell.
- hbi-axe** (Public): 5 stars, 4 forks. Language: Python.
- satellite-report-tools** (Public): Graphical tool using python + glade to connect RHNSatellite or Spacewalk to collect different kind of information generating a customized report: First Feature - Security information (Security Advi...). 3 stars, 1 fork. Language: Logos.
- poc_sat6** (Public): Script to just build a Satellite 6 poc/test environment. Language: Shell.
- backup_router** (Public): Python program to help the admin to collect all routers configurations (Cisco) in a specific place. Language: Python.

Upstream / Open Source Projects - Organization

The screenshot shows the GitHub organization page for C-RH-C. The organization's profile includes a logo with the text 'CRHC' and the name 'C-RH-C'. Below the name is the description 'Some scripts that will help you with console.redhat.com', 6 followers, and the email 'waldirio@gmail.com'. The navigation tabs are Overview, Repositories (7), Projects, Packages, and People. The 'Popular repositories' section lists six repositories: crhc-cli (Python, 18 stars, 13 forks), hcs-collector (Python, 2 stars, 5 forks), ACM-MCE-must-gather (Shell, 2 stars, 2 forks), hbi-axe (Python, 1 star, 1 fork, Public archive), oc_analyze (Shell, 2 forks), and inventory_swatch_info (Python, 1 fork, Public archive). The 'People' section is circled in red and contains the text: 'This organization has no public members. You must be a member to see who's a part of this organization.' The 'Top languages' section shows Python and Shell.

github.com/c-rh-c

C-RH-C
Some scripts that will help you with console.redhat.com
6 followers | waldirio@gmail.com

Overview | Repositories 7 | Projects | Packages | People

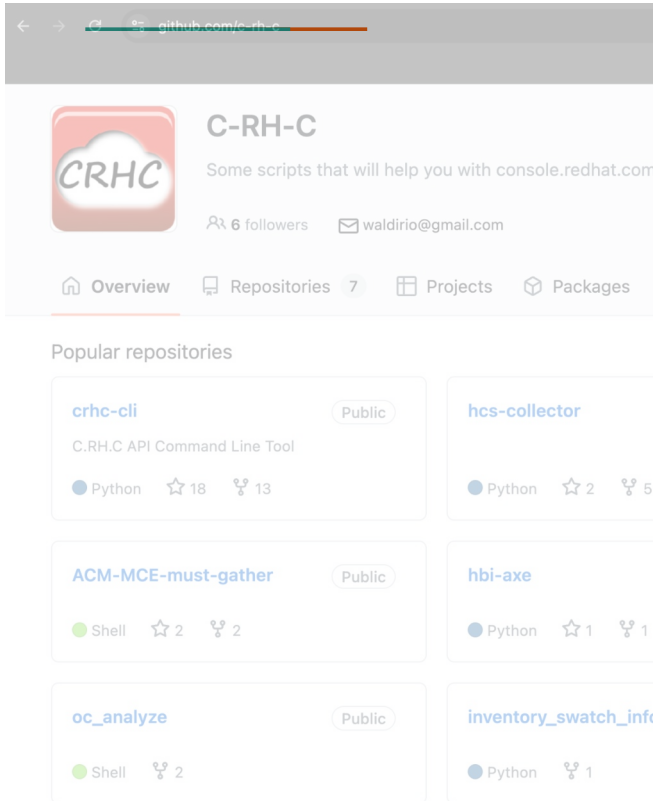
Popular repositories

- crhc-cli** (Public) | Python | 18 stars | 13 forks
- hcs-collector** (Public) | Python | 2 stars | 5 forks
- ACM-MCE-must-gather** (Public) | Shell | 2 stars | 2 forks
- hbi-axe** (Public archive) | Python | 1 star | 1 fork
- oc_analyze** (Public) | Shell | 2 forks
- inventory_swatch_info** (Public archive) | Python | 1 fork

People
This organization has no public members. You must be a member to see who's a part of this organization.

Top languages
Python | Shell

Upstream / Open Source Projects - Organization



github.com/c-rh-c

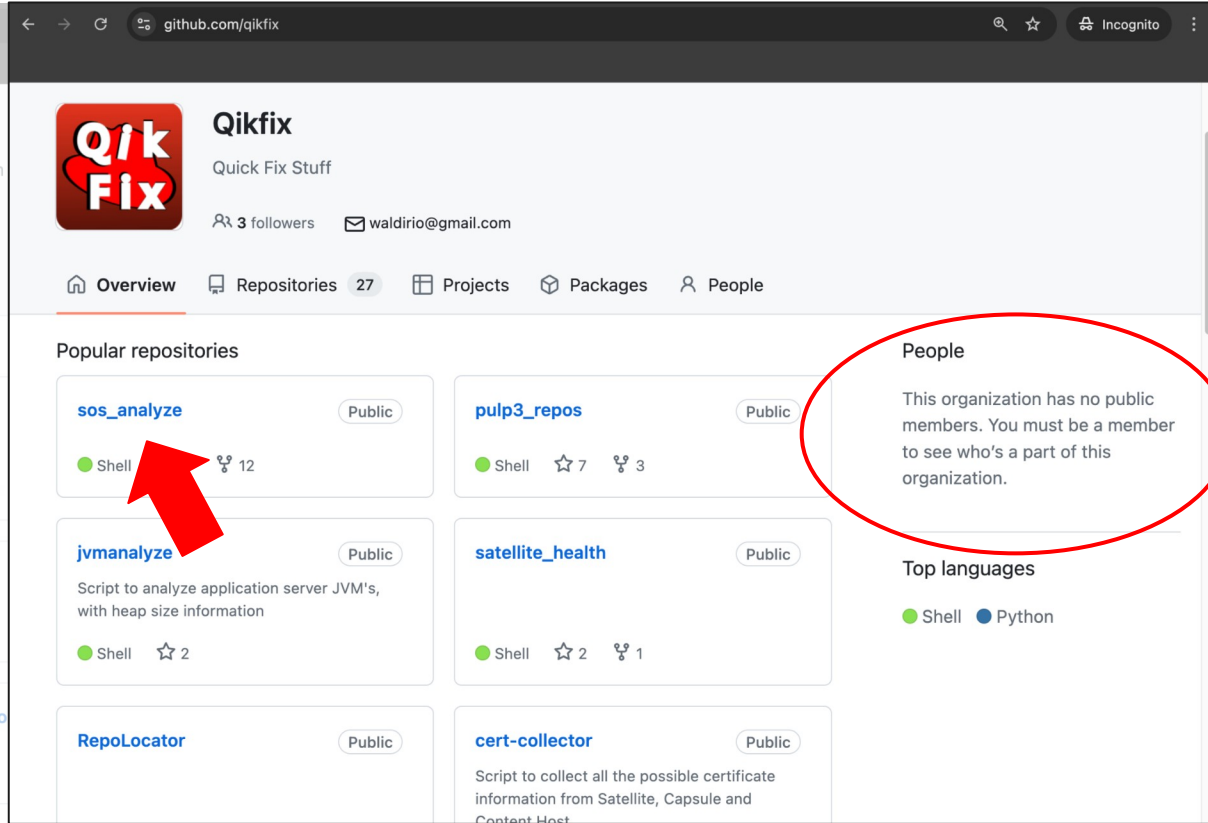
C-RH-C
Some scripts that will help you with console.redhat.com

6 followers | waldirio@gmail.com

Overview | Repositories 7 | Projects | Packages

Popular repositories

- crhc-cli** (Public)
C.RH.C API Command Line Tool
Python 18 stars, 13 forks
- hcs-collector** (Public)
Python 2 stars, 5 forks
- ACM-MCE-must-gather** (Public)
Shell 2 stars, 2 forks
- hbi-axe** (Public)
Python 1 star, 1 fork
- oc_analyze** (Public)
Shell 2 forks
- inventory_swatch_info** (Public)
Python 1 fork



github.com/qikfix

Qikfix
Quick Fix Stuff

3 followers | waldirio@gmail.com

Overview | Repositories 27 | Projects | Packages | People

Popular repositories

- sos_analyze** (Public)
Shell 12 forks
- pulp3_repos** (Public)
Shell 7 stars, 3 forks
- jymanalyze** (Public)
Script to analyze application server JVM's, with heap size information
Shell 2 stars
- satellite_health** (Public)
Shell 2 stars, 1 fork
- RepoLocator** (Public)
- cert-collector** (Public)
Script to collect all the possible certificate information from Satellite, Capsule and Content Host

People
This organization has no public members. You must be a member to see who's a part of this organization.

Top languages
Shell Python

Upstream / Open Source Projects - Organization

The screenshot shows the GitHub repository page for `Qikfix/sos_analyze`. The repository is public and has 12 forks and 8 stars. The main navigation bar includes links for Code, Issues (5), Pull requests, Actions, Projects, Security, and Insights. The repository is currently on the `master` branch. A recent commit by `waldirio` is shown, titled "[FIX] fixing some known issues" from 2 weeks ago. The file list includes `internals_help`, `README.md`, `build_changelog.sh`, `changelog.log`, and `sos_analyze.sh`. The right sidebar contains sections for "About" (no description), "Releases" (no releases published), and "Packages".

Qikfix / `sos_analyze` Public

Notifications Fork 12 Star 8

<> Code Issues 5 Pull requests Actions Projects Security Insights

master Go to file Code

About
No description, website, or topics provided.

Readme
Activity
Custom properties
8 stars
4 watching
12 forks
Report repository

Releases
No releases published

Packages

Files

File Name	Commit Message	Time
<code>internals_help</code>	[FIX] fixing some known issues	2 weeks ago
<code>README.md</code>	[ENHANCEMENT] Adding some o...	2 years ago
<code>build_changelog.sh</code>	[FEATURE] - Adding changelog fe...	4 years ago
<code>changelog.log</code>	[ENHANCEMENT] Adding sa anal...	last year
<code>sos_analyze.sh</code>	[FIX] fixing some known issues	2 weeks ago

README

Script used to analyze the sosreport file (focus on Satellite info)

To use it

Upstream / Open Source Projects - Organization

github.com/Qikfix/sos_analyze

Qikfix / **sos_analyze** (Public)

Notifications Fork 12 Star 8

<> Code Issues 5 Pull requests

master

waldirio [FIX] fixing some known issues

internals_help	[FIX] fixing some known issues	2 weeks ago
README.md	[ENHANCEMENT] Adding some o...	2 years ago
build_changelog.sh	[FEATURE] - Adding changelog fe...	4 years ago
changelog.log	[ENHANCEMENT] Adding sa anal...	last year
sos_analyze.sh	[FIX] fixing some known issues	2 weeks ago

Readme
Activity
Custom properties
8 stars
4 watching
12 forks
Report repository

Releases
No releases published

Packages

README

Script used to analyze the sosreport file (focus on Satellite info)

To use it

Red Hat

Red Hat

The world's leading provider of open source enterprise IT solutions

More than
90%
of the
Fortune
500
use
Red Hat
products and
solutions¹

~**22,000**
employees

105+
offices

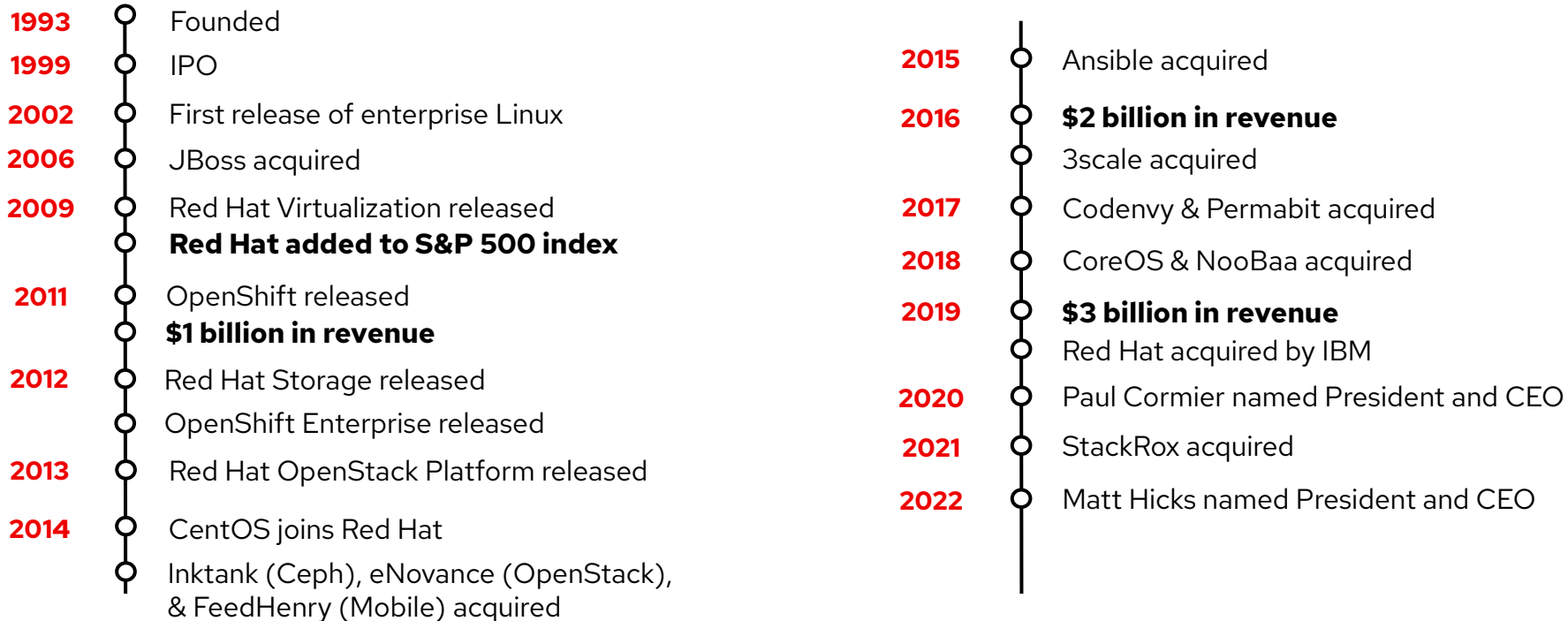
The first
\$3
billion
open
source
company
in the world²

Sources:

1 - Red Hat client data and [Fortune 500 list](#), September 2023. (requires subscription)

2 - [Red Hat SEC filings](#) prior to the acquisition by IBM. Note: Currency in U.S. dollars.

Red Hat

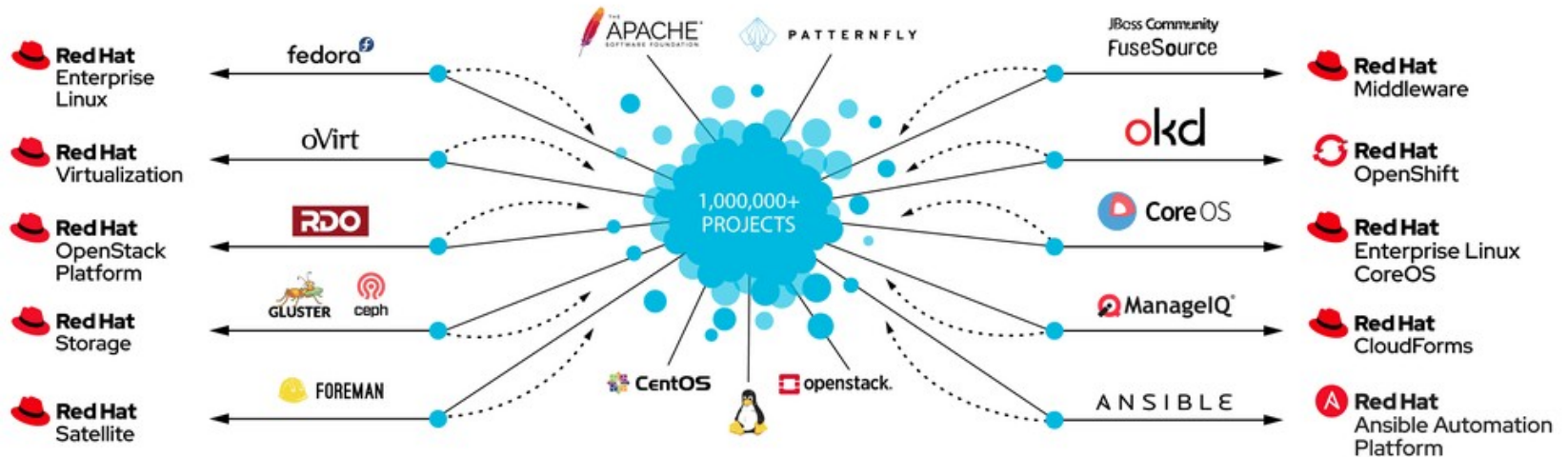


Sources: [Red Hat SEC filings](#) prior to the acquisition by IBM. Note: Currency in U.S. dollars.

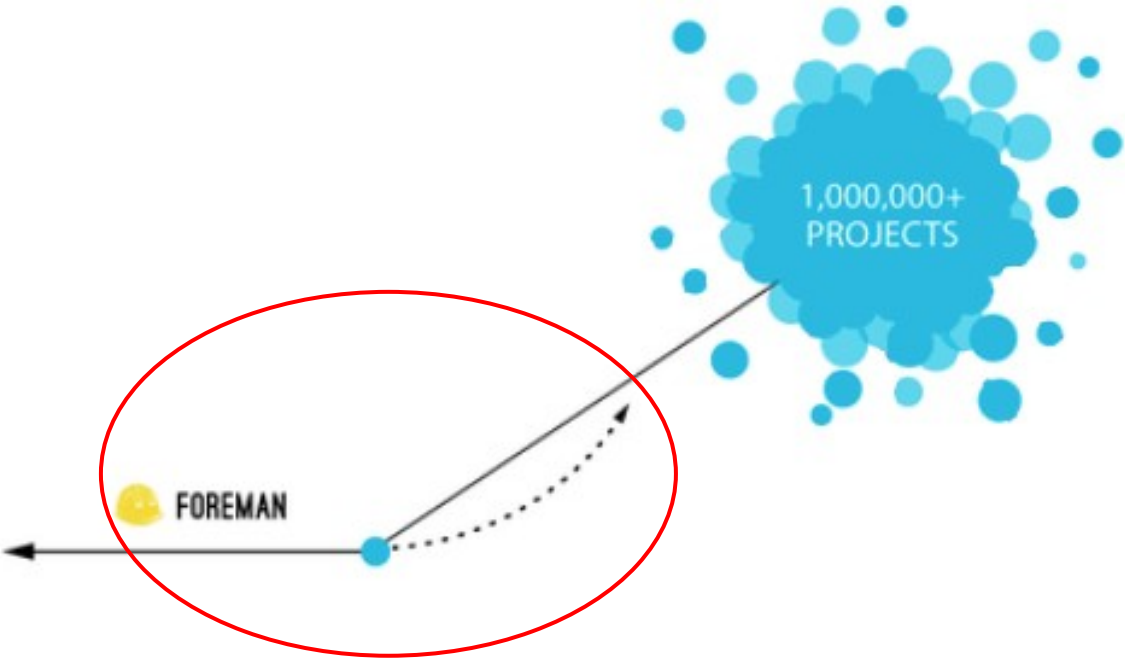
Upstream vs Downstream

Upstream vs Downstream

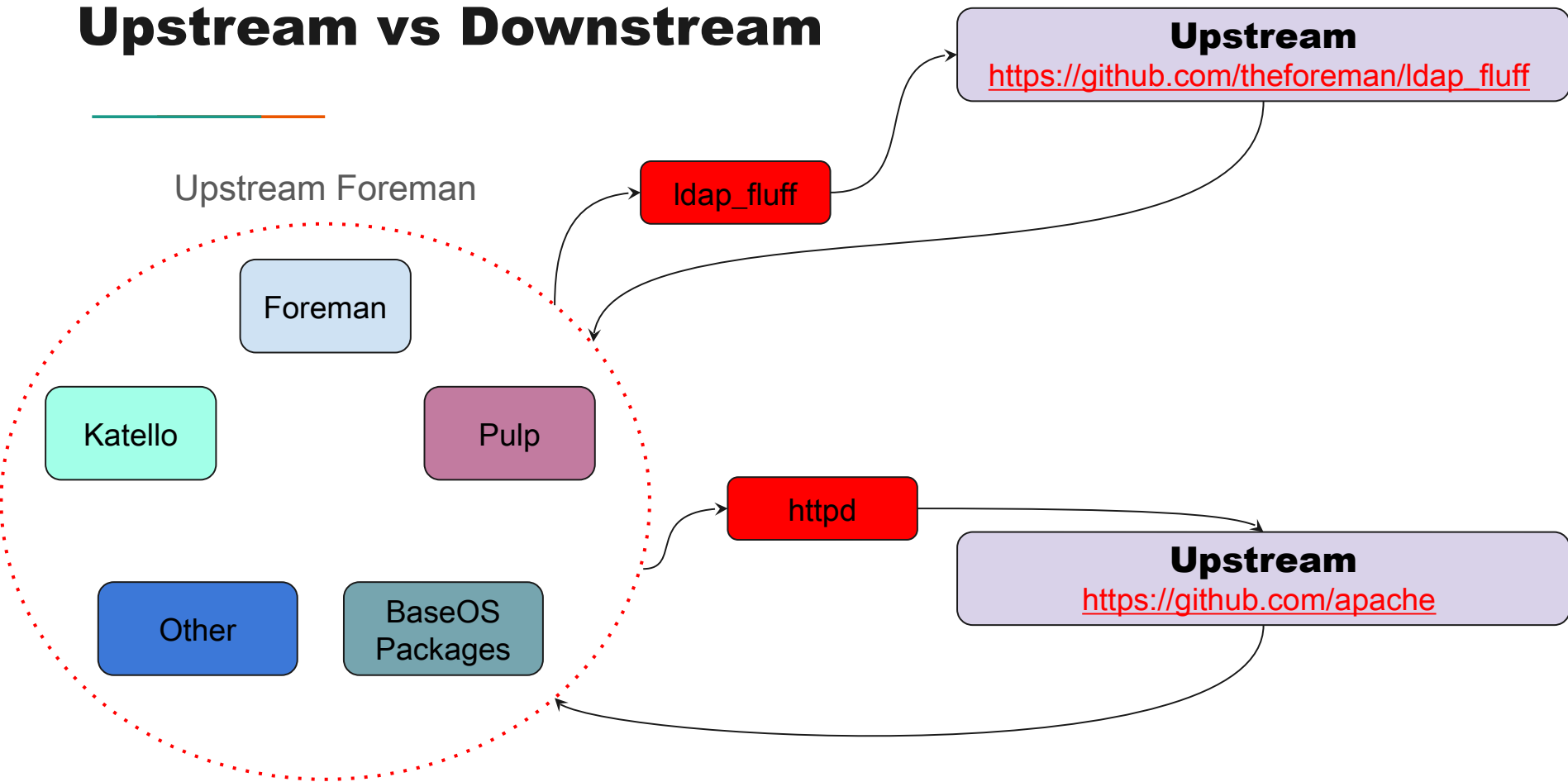
- Upstream or Project
- Downstream or Product



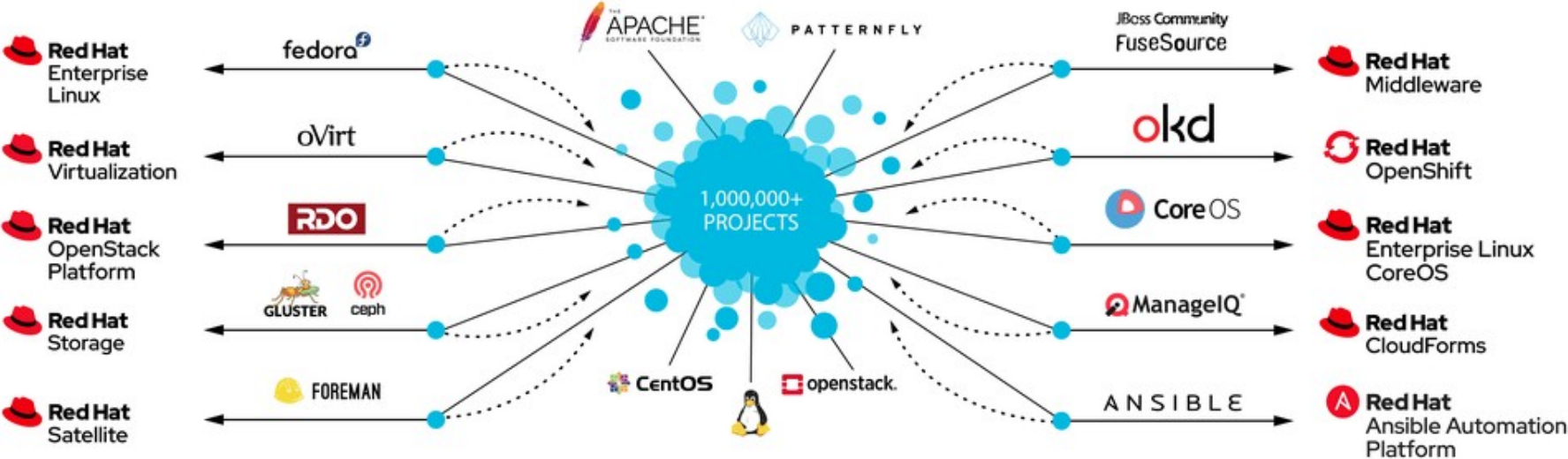
Upstream vs Downstream



Upstream vs Downstream



Upstream vs Downstream



Red Hat Contribution

Red Hat Contribution

- Red Hat Contributes in many different projects

<https://www.redhat.com/en/about/our-community-contributions>

- How we do it?

- *Participate*

We participate in and create community-powered upstream projects.

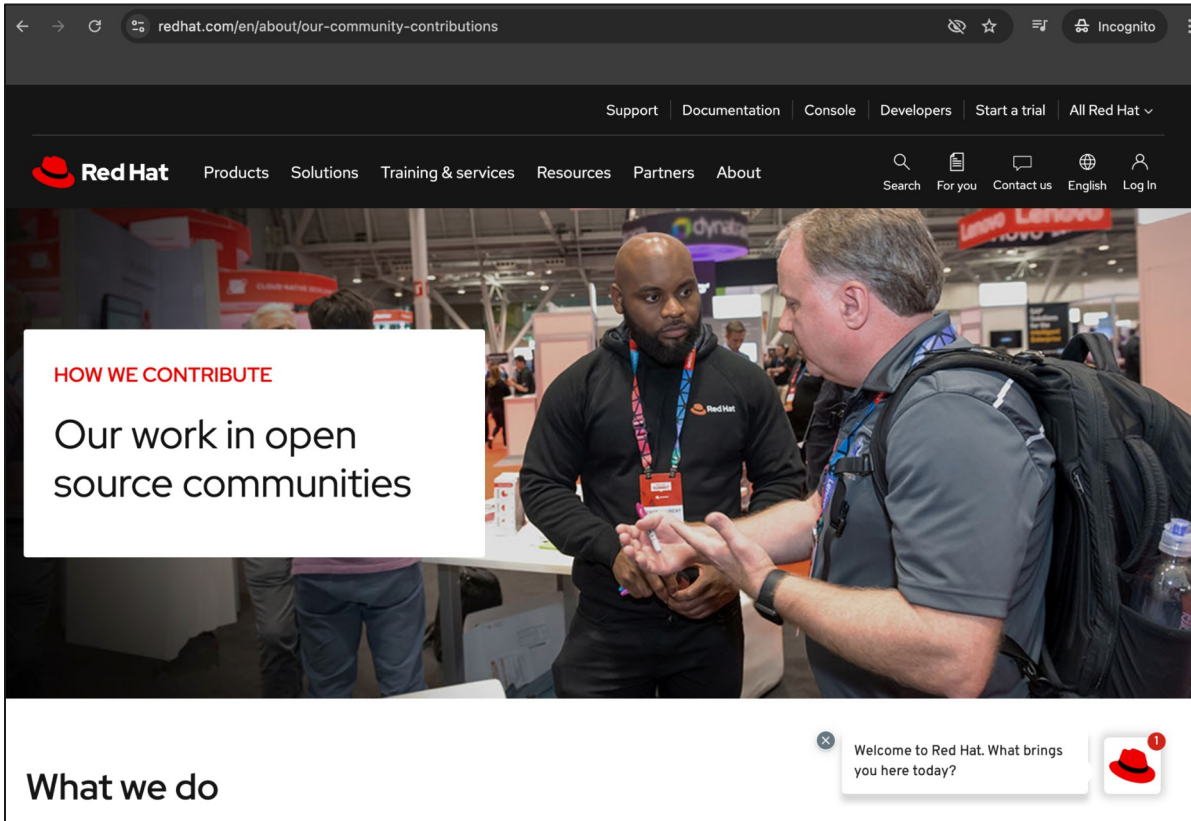
- *Integrate*

We integrate upstream projects, fostering open community platforms.

- *Stabilize*

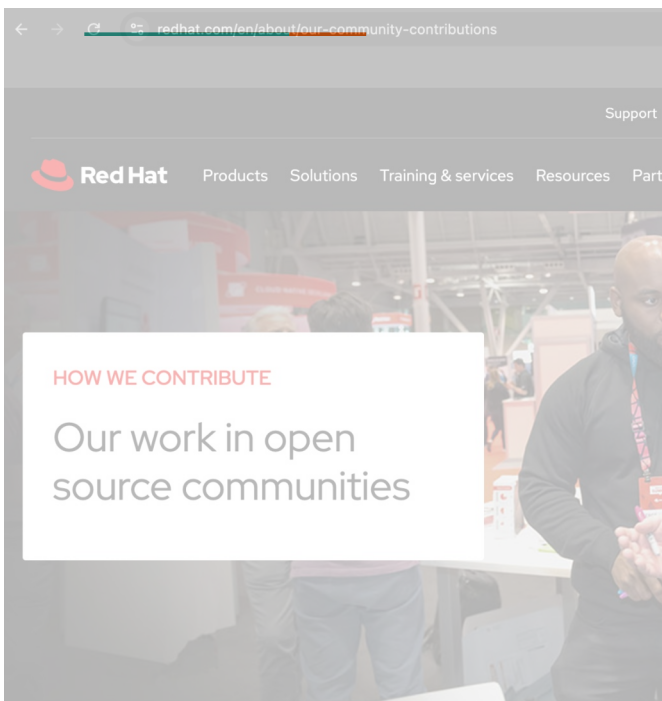
We commercialize these platforms together with a rich ecosystem of services and certifications.

Red Hat Contribution



The screenshot shows the Red Hat website's navigation structure. At the top, there is a dark header with navigation links: Support, Documentation, Console, Developers, Start a trial, and All Red Hat. Below this is a secondary navigation bar with the Red Hat logo, Products, Solutions, Training & services, Resources, Partners, and About. On the right side of this bar are icons for Search, For you, Contact us, English, and Log In. The main content area features a large photograph of two men in a conference setting. One man is wearing a black Red Hat hoodie and a lanyard, while the other is wearing a grey polo shirt and a large black backpack. A white text box is overlaid on the left side of the photo, containing the text: **HOW WE CONTRIBUTE** and **Our work in open source communities**. At the bottom left, the text 'What we do' is visible. At the bottom right, there is a notification bubble that says 'Welcome to Red Hat. What brings you here today?' next to a Red Hat logo icon with a red notification dot.

Red Hat Contribution



What we do

A full screenshot of the Red Hat website page titled "Communities we contribute to". The page has a dark header with the Red Hat logo and navigation links: Products, Solutions, Training & services, Resources, Partners, About. On the right side of the header are icons for Search, For you, Contact us, English, and Log In. The main content area has a white background. At the top, the heading "Communities we contribute to" is followed by a paragraph: "We ensure community health for Red Hat-sponsored and stewarded projects with active and participatory involvement that can include infrastructure, project management, communications, outreach, and onboarding". Below this are two columns. The left column is titled "Software communities" and features an icon of a computer window with a cluster of circles inside. The text below the icon reads: "We're a proud contributor to all aspects of the software stack, from the operating system and developer toolchain to middleware, desktop, and cloud. In addition, Red Hat financially supports a number of open source organizations who help us create and maintain better open source software." The right column is titled "Standards communities" and features an icon of a document with a pencil. The text below the icon reads: "We contribute to a wide range of open standardization efforts that define future interoperable technologies, both in software and hardware. Learn more about the standards and industry bodies in which we are active." At the bottom of the page, there is a blue link "See where we're involved →" which is circled in red. In the bottom right corner, there is a notification box that says "Welcome to Red Hat. What brings you here today?" and a small Red Hat logo icon with a red circle containing the number 1.

[See where we're involved →](#)

Red Hat Contribution

The screenshot shows the Red Hat website's 'Software contributions' page. The browser's address bar displays 'redhat.com/en/about/open-source-program-office/contributions'. The navigation bar includes the Red Hat logo and links for Products, Solutions, Training & services, Resources, Partners, and About. Utility icons for Search, For you, Contact us, English, and Log In are also present. The main content area is titled 'Software contributions' and features a list of categories, each with a right-pointing chevron icon. The 'Operating system' category is circled in red. At the bottom right, a notification bubble reads 'Welcome to Red Hat. What brings you here today?' next to a Red Hat logo with a red notification badge.

redhat.com/en/about/open-source-program-office/contributions

Red Hat Products Solutions Training & services Resources Partners About Search For you Contact us English Log In

Software contributions

- Software foundations >
- Operating system** >
- Containers >
- Desktop >
- Middleware and identity >
- Operations >
- Storage and compute >
- Developer tools >

Welcome to Red Hat. What brings you here today?

Red Hat Contribution

The image shows a side-by-side comparison of a web browser displaying the Red Hat website. The left side shows a light-themed version, and the right side shows a dark-themed version. Both versions feature a navigation menu with the Red Hat logo and links for Products, Solutions, Training & services, Resources, Partners, and About. The main content area is titled "Software contributions" and lists various software projects. In the dark-themed version, the items "Pulp" and "rpm" are circled in red. A notification bubble in the bottom right corner of the dark-themed version reads "Welcome to Red Hat. What brings you here today?" with a Red Hat logo icon and a notification count of 1.

redhat.com/en/about/open-source-program-office/contributions

Red Hat Products Solutions Training & services Resources Partners About

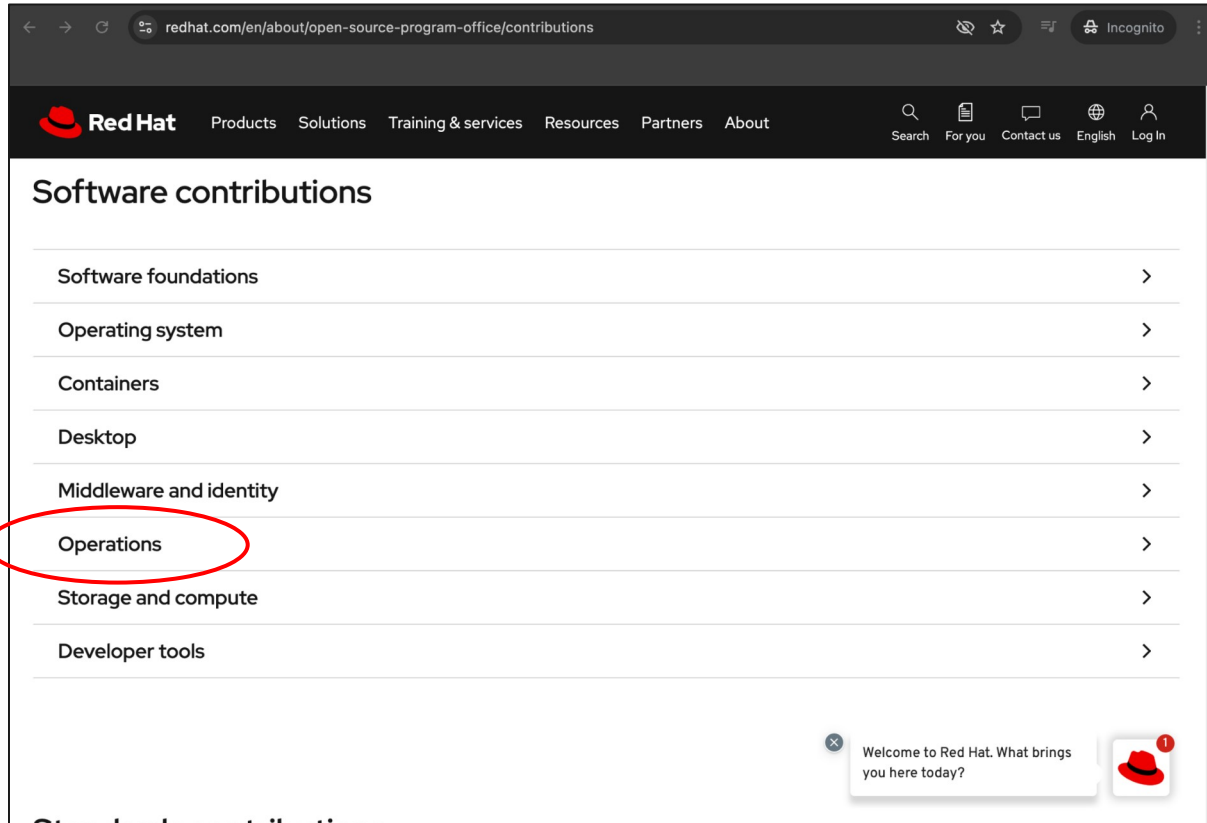
Software contributions

- Software foundations
- Operating system
- Containers
- Desktop
- Middleware and identity
- Operations
- Storage and compute
- Developer tools

- PackageKit
- pesign
- polkit
- psmisc
- Pulp
- PulseAudio
- pungi
- pynfs
- python-nss
- rebase-helper
- Red Hat Update Agent
- rpm
- RSYSLOG
- SELinux
- SETroubleshoot
- shim
- Simple Signed Certificate Generator
- Spacewalk
- syslog-ng

Welcome to Red Hat. What brings you here today?

Red Hat Contribution



The screenshot shows a web browser window with the URL `redhat.com/en/about/open-source-program-office/contributions`. The page features a dark navigation bar with the Red Hat logo and menu items: Products, Solutions, Training & services, Resources, Partners, and About. On the right side of the navigation bar are icons for Search, For you, Contact us, English, and Log In. The main content area is titled "Software contributions" and lists several categories, each with a right-pointing chevron icon:

- Software foundations
- Operating system
- Containers
- Desktop
- Middleware and identity
- Operations** (circled in red)
- Storage and compute
- Developer tools

At the bottom right, there is a notification box with a close button (X) and the text "Welcome to Red Hat. What brings you here today?". Next to the notification is a Red Hat logo icon with a red circle containing the number "1".

Red Hat Contribution

The image shows a side-by-side comparison of a web browser displaying the Red Hat website. The left side shows a light-themed version, and the right side shows a dark-themed version. Both versions feature a navigation menu with the Red Hat logo and links for Products, Solutions, Training & services, Resources, Partners, and About. The main content area is titled "Software contributions" and lists various categories: Software foundations, Operating system, Containers, Desktop, Middleware and identity, Operations, Storage and compute, and Developer tools. A vertical list of software contributions is displayed, including: • DPDK, • Dynflow, • fedora-selinux, • fence-agents, • Foreman (circled in red), • fusor, • Heketi, • imagefactory, • Juicer, • Katello (circled in red), • Kimchi, • Kronosnet, • KVM, • latchset, • libguestfs, • Libre Server, • libqb, • libvirt, and • Linchpin. A notification bubble in the bottom right corner of the dark theme version reads "Welcome to Red Hat. What brings you here today?" with a red hat icon and a notification count of 1.

redhat.com/en/about/open-source-program-office/contributions

Red Hat Products Solutions Training & services Resources Partners About

Software contributions

- Software foundations
- Operating system
- Containers
- Desktop
- Middleware and identity
- Operations
- Storage and compute
- Developer tools

- DPDK
- Dynflow
- fedora-selinux
- fence-agents
- Foreman
- fusor
- Heketi
- imagefactory
- Juicer
- Katello
- Kimchi
- Kronosnet
- KVM
- latchset
- libguestfs
- Libre Server
- libqb
- libvirt
- Linchpin

Welcome to Red Hat. What brings you here today?

Basic Project Workflow - *Pulp*

Basic Project Workflow - *Pulp*

pulpproject.org

Pulp Project

Search

pulp/pulpcore
3.58.0 ☆ 272 ♀ 110

Pulp is an open source project that makes it easy for developers to fetch, upload, and distribute *Software Packages* on-prem or in the cloud.

🔗 Starter Tutorial

Learn to manage content with Pulp and get yourself familiar with core concepts and workflows.

→ [Getting started](#)


📄 Pulp in a Container

Use OCI (Open Container Initiative) images to install Pulp in single or multi-container setups.

→ [Installation Quickstart](#)

🔗 Why Pulp?

🔗 Get Involved



Pulp Project

HOME

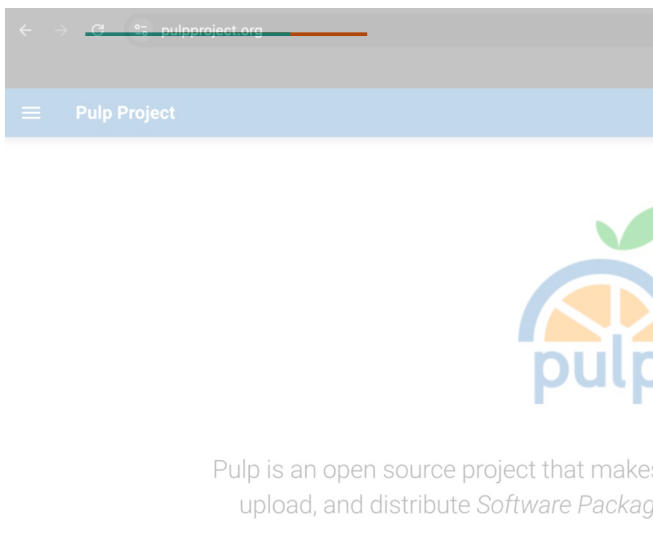
User Manual >

Developer Manual >

Blog >

Help >

Basic Project Workflow - Pulp



Starter Tutorial

Learn to manage content with Pulp and get yourself familiar with core concepts and workflows.

[→ Getting started](#)

Why Pulp?

The screenshot shows the GitHub repository page for `pulp/pulpcore`. The repository name is circled in red. The page displays the repository's public status, notification bell, fork count (110), and star count (272). Navigation tabs for Code, Issues (286), Pull requests (11), Actions, Security, and Insights are visible. The main content area shows a commit history table with columns for commit message, commit ID, and time ago. The right sidebar contains an "About" section with details about the package, including a link to the PyPI project page, a Readme, license (GPL-2.0), code of conduct, security policy, activity, custom properties, star count (272), watching count (19), and fork count (110).

Commit Message	Commit ID	Time Ago
pulpbot and mdellweg Update CI files	47abf28	2 days ago
.ci Update CI files		last week
.github Update CI files		2 days ago
CHANGES Bump minor version		3 days ago
docs Update REMOTE-USER header d...		2 weeks ago
pulp_certguard Bump minor version		3 days ago
pulp_file Bump minor version		3 days ago
pulpcore Bump minor version		3 days ago


Basic Project Workflow - *Pulp*

The screenshot shows the GitHub profile page for the Pulp project. The browser address bar displays 'github.com/pulp'. The page header includes a hamburger menu, the GitHub logo, the project name 'pulp', and a 'Sign in' button. The main profile section features the Pulp logo, the project name 'Pulp', and the tagline 'Fetch, Upload, Organize, and Distribute Software Packages'. Below this, it lists '123 followers', the website 'http://pulpproject.org', the Twitter handle '@pulpproj', and the email 'pulp-list@redhat.com'. A navigation bar at the bottom of the profile section includes 'Overview', 'Repositories 69' (highlighted with a red circle), 'Projects 3', 'Packages', and 'People 17'. The main content area shows a 'README.md' file with the text: 'Fetch, Upload, Organize, and Distribute Software Packages. If you have to manage hundreds or thousands of packages, Pulp can help!'. A list of contributors is shown under the 'People' section, and 'Top languages' are listed as Python, Shell, and Jinja.

github.com/pulp

Sign in

pulp

 **Pulp**
Fetch, Upload, Organize, and Distribute Software Packages

123 followers <http://pulpproject.org> @pulpproj pulp-list@redhat.com

Overview **Repositories 69** Projects 3 Packages People 17

README.md

Fetch, Upload, Organize, and Distribute Software Packages.

If you have to manage hundreds or thousands of packages, Pulp can help!

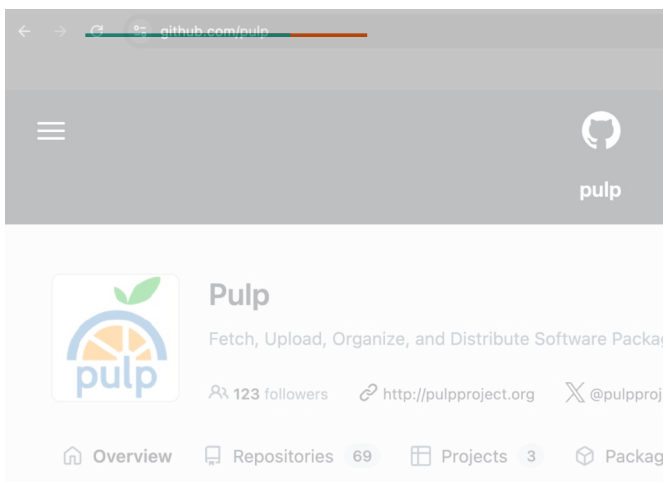
- **Ensure stability and continuity:** External content sources can go offline

People

Top languages

- Python
- Shell
- Jinja

Basic Project Workflow - *Pulp*

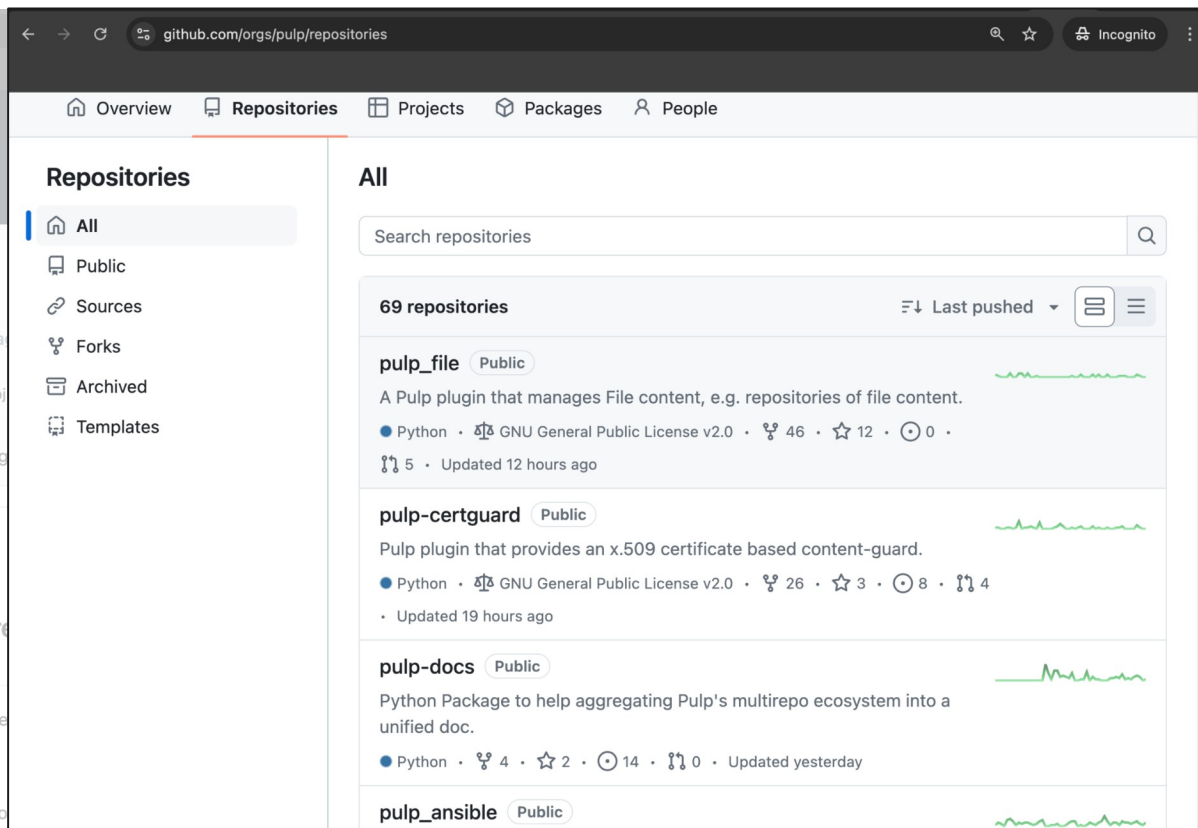


github.com/pulp

Overview Repositories 69 Projects 3 Packages

Pulp
Fetch, Upload, Organize, and Distribute Software Packages

123 followers · http://pulpproject.org · @pulpproject



github.com/orgs/pulp/repositories

Overview **Repositories** Projects Packages People

Repositories

- All
- Public
- Sources
- Forks
- Archived
- Templates

All

Search repositories

69 repositories Last pushed

pulp_file Public
A Pulp plugin that manages File content, e.g. repositories of file content.
Python · GNU General Public License v2.0 · 46 · 12 · 0 · 5 · Updated 12 hours ago

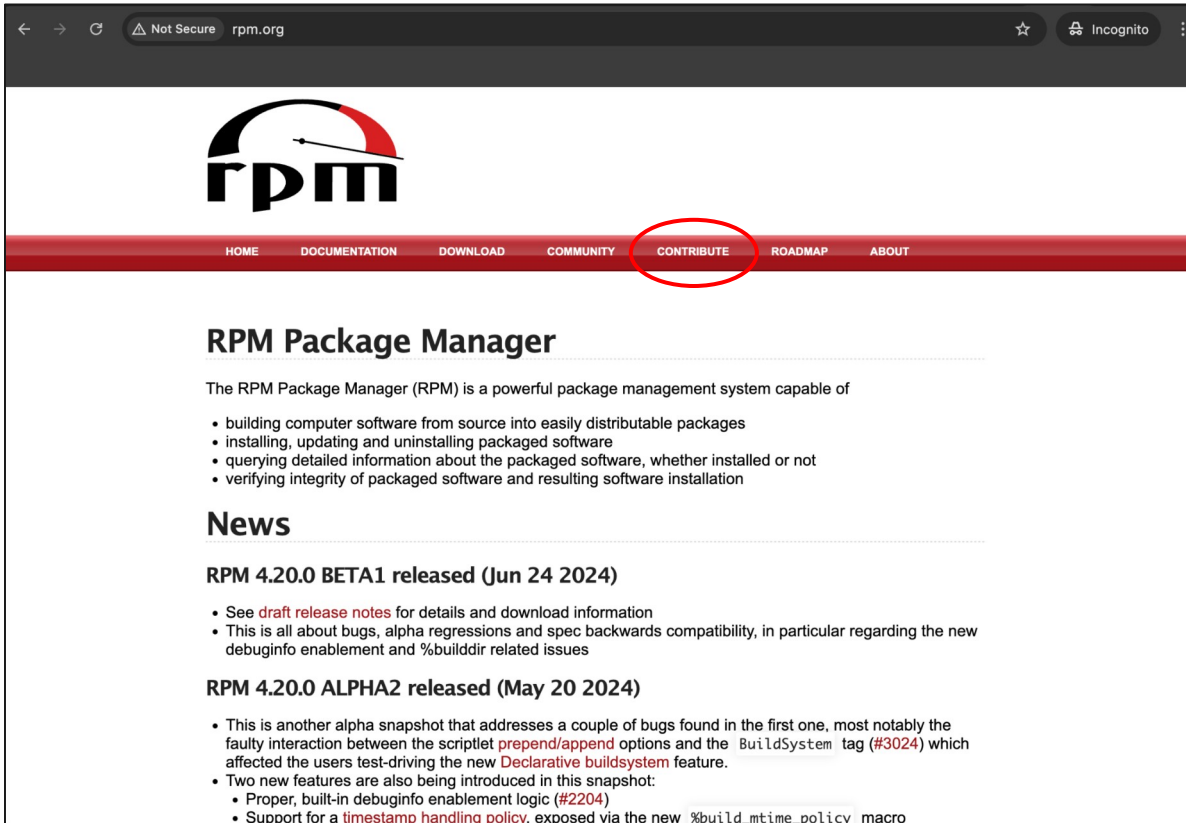
pulp-certguard Public
Pulp plugin that provides an x.509 certificate based content-guard.
Python · GNU General Public License v2.0 · 26 · 3 · 8 · 4 · Updated 19 hours ago

pulp-docs Public
Python Package to help aggregating Pulp's multirepo ecosystem into a unified doc.
Python · 4 · 2 · 14 · 0 · Updated yesterday

pulp_ansible Public

Basic Project Workflow - *RPM*

Basic Project Workflow - *RPM*



The screenshot shows the rpm.org website. The browser address bar displays 'rpm.org' and 'Incognito'. The website header features the rpm logo and a navigation menu with the following items: HOME, DOCUMENTATION, DOWNLOAD, COMMUNITY, CONTRIBUTE (circled in red), ROADMAP, and ABOUT. Below the navigation menu, the main content area begins with the heading 'RPM Package Manager' and a sub-heading 'RPM Package Manager (RPM) is a powerful package management system capable of'. This is followed by a list of capabilities: building computer software from source into easily distributable packages, installing, updating and uninstalling packaged software, querying detailed information about the packaged software, and verifying integrity of packaged software. Below this is a 'News' section with two entries: 'RPM 4.20.0 BETA1 released (Jun 24 2024)' and 'RPM 4.20.0 ALPHA2 released (May 20 2024)'. Each news entry includes a list of details and features.

HOME DOCUMENTATION DOWNLOAD COMMUNITY **CONTRIBUTE** ROADMAP ABOUT

RPM Package Manager

The RPM Package Manager (RPM) is a powerful package management system capable of

- building computer software from source into easily distributable packages
- installing, updating and uninstalling packaged software
- querying detailed information about the packaged software, whether installed or not
- verifying integrity of packaged software and resulting software installation

News

RPM 4.20.0 BETA1 released (Jun 24 2024)

- See [draft release notes](#) for details and download information
- This is all about bugs, alpha regressions and spec backwards compatibility, in particular regarding the new debuginfo enablement and %builddir related issues

RPM 4.20.0 ALPHA2 released (May 20 2024)

- This is another alpha snapshot that addresses a couple of bugs found in the first one, most notably the faulty interaction between the scriptlet `prepend/append` options and the `BuildSystem` tag ([#3024](#)) which affected the users test-driving the new [Declarative buildsystem](#) feature.
- Two new features are also being introduced in this snapshot:
 - Proper, built-in debuginfo enablement logic ([#2204](#))
 - Support for a [timestamp handling policy](#), exposed via the new `%build_mtime_policy` macro

Basic Project Workflow - RPM



[HOME](#) [DOCUMENTATION](#) [DOWNLOAD](#) [COMMUNITY](#)

RPM Package Manager

The RPM Package Manager (RPM) is a powerful package manager

- building computer software from source into easily distributable packages
- installing, updating and uninstalling packaged software
- querying detailed information about the packaged software, via `rpm -q`
- verifying integrity of packaged software and resulting software

News

RPM 4.20.0 BETA1 released (Jun 24 2024)

- See [draft release notes](#) for details and download information
- This is all about bugs, alpha regressions and spec backwards compatibility changes like `debuginfo enablement` and `%builddir` related issues

RPM 4.20.0 ALPHA2 released (May 20 2024)

- This is another alpha snapshot that addresses a couple of bugs and a faulty interaction between the scriptlet `prepend/append` options that affected the users test-driving the new `Declarative buildsystem`
- Two new features are also being introduced in this snapshot:
 - Proper, built-in `debuginfo enablement` logic (#2204)
 - Support for a `timestamp handling` policy, exposed via the `rpm.org/index.html`

Not Secure rpm.org/contribute.html



[HOME](#) [DOCUMENTATION](#) [DOWNLOAD](#) [COMMUNITY](#) [CONTRIBUTE](#) [ROADMAP](#) [ABOUT](#)

How to contribute to rpm.org

Source code

Our source code is maintained in a [GitHub git repository](#):

```
git clone https://github.com/rpm-software-management/rpm.git
```

Web site

The rpm.org web site is maintained in [another git repository](#) on GitHub:

```
git clone https://github.com/rpm-software-management/rpm-web.git
```

Translations

Rpm is translated to non-English languages via [Fedora Weblate instance](#)

Please do not submit translation updates as upstream pull-requests or patches, we have no means to review translations.

Submitting changes

When planning any non-trivial amount of work on rpm or the web-site, please discuss it first on [GitHub](#) or the [rpm mailing lists](#) with the rpm.org development team to avoid situations where efforts go wasted because it's not in line with RPM design and goals.

Basic Project Workflow - RPM

github.com/rpm-software-management/rpm

rpm-software-management / rpm Public

Notifications Fork 360 Star 494

<> Code Issues 252 Pull requests 10 Discussions Actions Projects 11 Security

master Go to file <> Code

dmnks and pmatilai Fix memory leak in rpmsign 65fa582 · last week

.github	Work around ASAN incompatibilit...	5 months ago
build	Build: Add include dirs to exporte...	3 weeks ago
cmake	Add a cmake shortcut to the mac...	last year
docs	Document %__file_name and %_...	2 weeks ago
fileattrs	Properly quote REs in file attributes	last month
include/rpm	Fix doc strings	2 months ago
lib	Fix root relocation regression	3 weeks ago

About
The RPM package manager

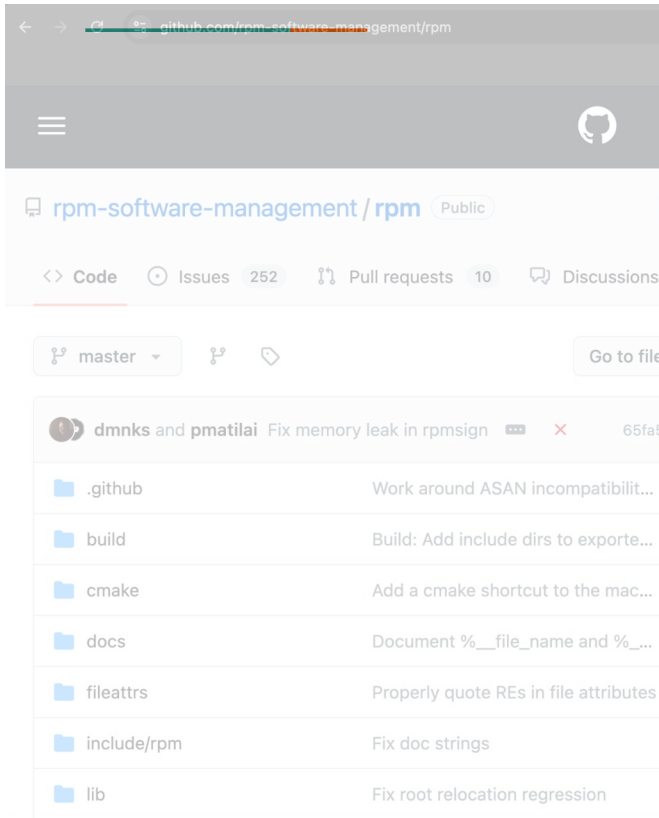
[rpm.org](#)

package-manager packages build-tool

Readme View license Activity Custom properties

494 stars 42 watching 360 forks

Basic Project Workflow - RPM



github.com/rpm-software-management/rpm

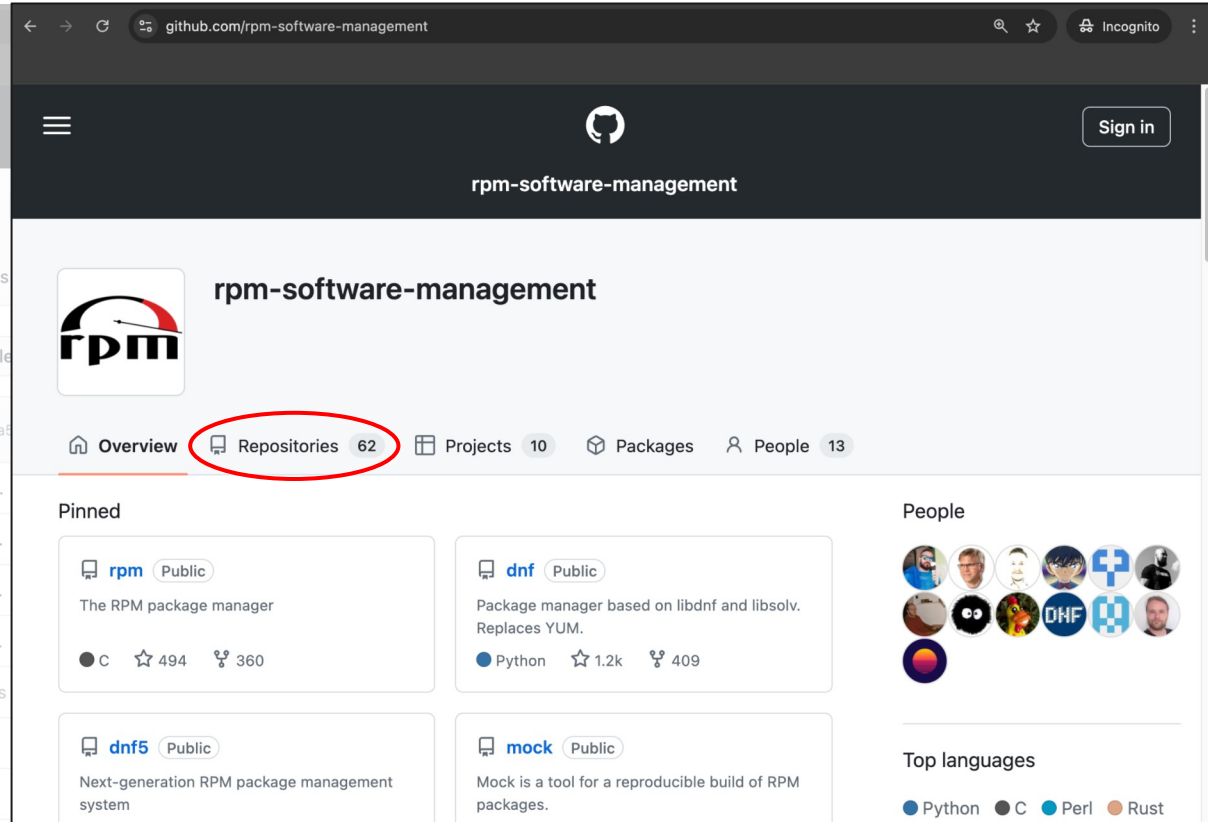
rpm-software-management / rpm (Public)

<> Code Issues 252 Pull requests 10 Discussions

master

dmnks and pmatilai Fix memory leak in rpmsign 65fa

- .github Work around ASAN incompatibilit...
- build Build: Add include dirs to exporte...
- cmake Add a cmake shortcut to the mac...
- docs Document %__file_name and %_...
- fileattrs Properly quote REs in file attributes
- include/rpm Fix doc strings
- lib Fix root relocation regression



github.com/rpm-software-management

rpm-software-management

rpm-software-management

Overview **Repositories 62** Projects 10 Packages People 13

Pinned

- rpm** (Public) The RPM package manager
C 494 360
- dnf** (Public) Package manager based on libdnf and libsolv. Replaces YUM.
Python 1.2k 409
- dnf5** (Public) Next-generation RPM package management system
- mock** (Public) Mock is a tool for a reproducible build of RPM packages.

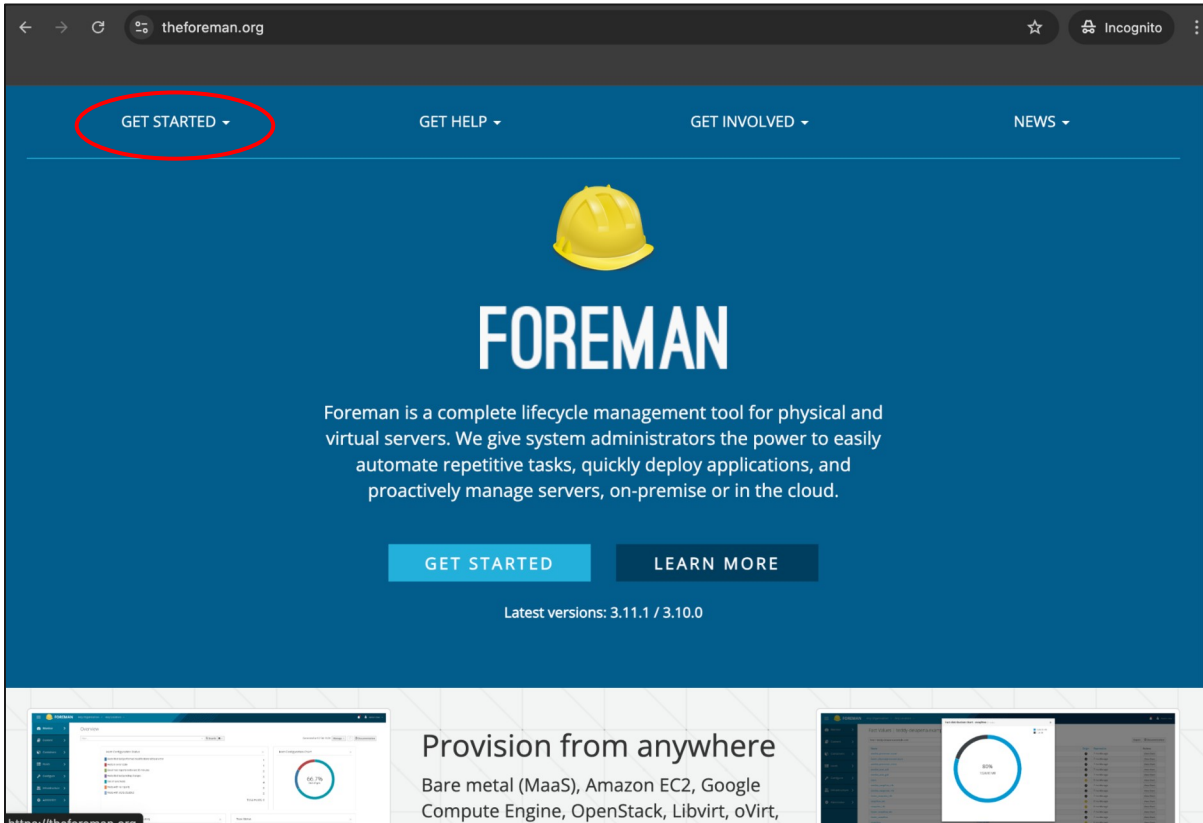
People

Top languages

- Python C Perl Rust

Complete Project Workflow - *TheForeman*


Complete Project Workflow - *TheForeman*



The screenshot shows the homepage of the Foreman website. The browser address bar displays 'theforeman.org'. The navigation menu includes 'GET STARTED', 'GET HELP', 'GET INVOLVED', and 'NEWS'. The 'GET STARTED' link is circled in red. The main content area features a yellow hard hat icon above the word 'FOREMAN' in large white letters. Below this, a paragraph describes Foreman as a complete lifecycle management tool for physical and virtual servers. At the bottom, there are two buttons: 'GET STARTED' and 'LEARN MORE'. The footer includes the text 'Latest versions: 3.11.1 / 3.10.0' and a section titled 'Provision from anywhere' with a list of supported providers: Bare metal (MaaS), Amazon EC2, Google Compute Engine, OpenStack, Libvirt, and oVirt. Two screenshots of the Foreman web interface are shown on either side of this text.

theforeman.org

GET STARTED ▾ GET HELP ▾ GET INVOLVED ▾ NEWS ▾



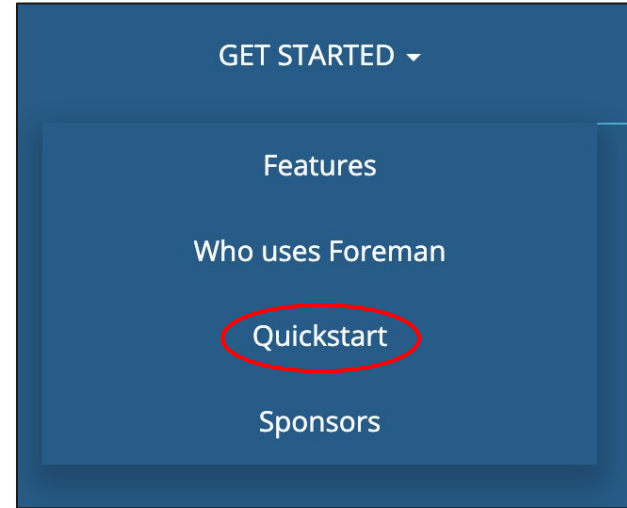
FOREMAN

Foreman is a complete lifecycle management tool for physical and virtual servers. We give system administrators the power to easily automate repetitive tasks, quickly deploy applications, and proactively manage servers, on-premise or in the cloud.

[GET STARTED](#) [LEARN MORE](#)

Latest versions: 3.11.1 / 3.10.0

Provision from anywhere
Bare metal (MaaS), Amazon EC2, Google Compute Engine, OpenStack, Libvirt, oVirt,



This image shows a navigation menu overlay on a dark blue background. The menu items are: 'GET STARTED ▾', 'Features', 'Who uses Foreman', 'Quickstart', and 'Sponsors'. The 'Quickstart' item is circled in red.

GET STARTED ▾

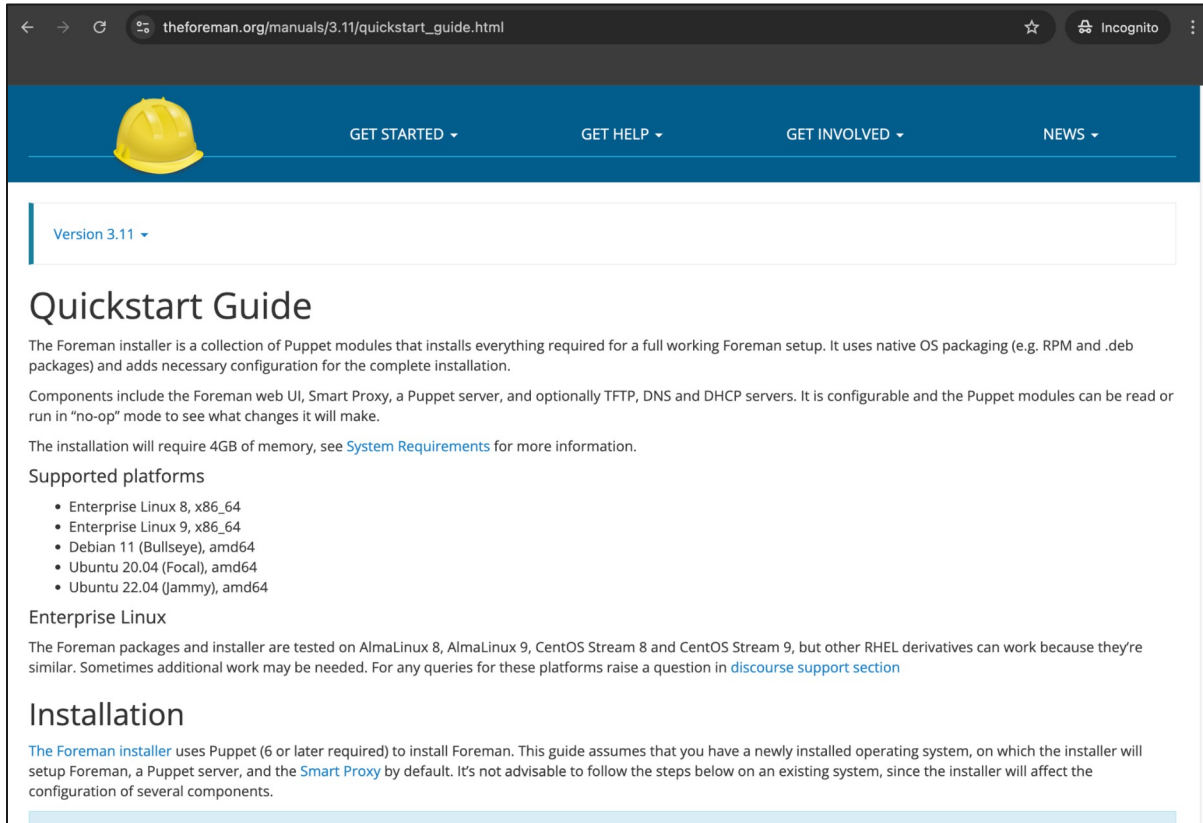
Features

Who uses Foreman

[Quickstart](#)

Sponsors

Complete Project Workflow - *TheForeman*

A screenshot of a web browser displaying the Foreman Quickstart Guide. The browser's address bar shows the URL 'theforeman.org/manuals/3.11/quickstart_guide.html'. The page features a dark blue header with a yellow hard hat icon on the left and navigation links for 'GET STARTED', 'GET HELP', 'GET INVOLVED', and 'NEWS'. Below the header, a white box contains a dropdown menu for 'Version 3.11'. The main content area has a large heading 'Quickstart Guide' followed by introductory text about the Foreman installer, its components, and system requirements. A section titled 'Supported platforms' lists various Linux distributions. Below that, there is a section for 'Enterprise Linux' and an 'Installation' section which begins with text about using Puppet for installation.

theforeman.org/manuals/3.11/quickstart_guide.html

Incognito



GET STARTED ▾

GET HELP ▾

GET INVOLVED ▾

NEWS ▾

Version 3.11 ▾

Quickstart Guide

The Foreman installer is a collection of Puppet modules that installs everything required for a full working Foreman setup. It uses native OS packaging (e.g. RPM and .deb packages) and adds necessary configuration for the complete installation.

Components include the Foreman web UI, Smart Proxy, a Puppet server, and optionally TFTP, DNS and DHCP servers. It is configurable and the Puppet modules can be read or run in "no-op" mode to see what changes it will make.

The installation will require 4GB of memory, see [System Requirements](#) for more information.

Supported platforms

- Enterprise Linux 8, x86_64
- Enterprise Linux 9, x86_64
- Debian 11 (Bullseye), amd64
- Ubuntu 20.04 (Focal), amd64
- Ubuntu 22.04 (Jammy), amd64

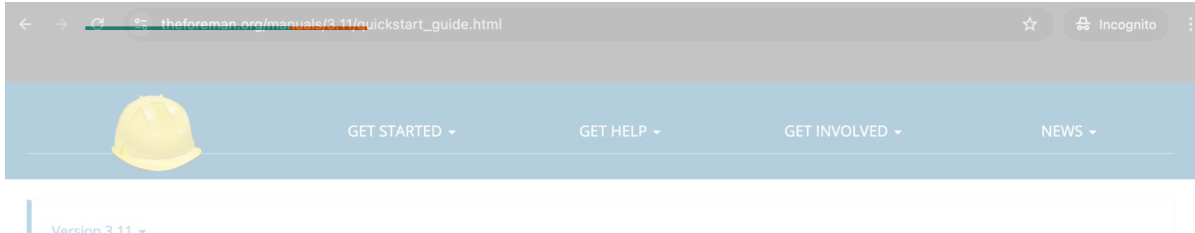
Enterprise Linux

The Foreman packages and installer are tested on AlmaLinux 8, AlmaLinux 9, CentOS Stream 8 and CentOS Stream 9, but other RHEL derivatives can work because they're similar. Sometimes additional work may be needed. For any queries for these platforms raise a question in [discourse support section](#)

Installation

The [Foreman installer](#) uses Puppet (6 or later required) to install Foreman. This guide assumes that you have a newly installed operating system, on which the installer will setup Foreman, a Puppet server, and the [Smart Proxy](#) by default. It's not advisable to follow the steps below on an existing system, since the installer will affect the configuration of several components.

Complete Project Workflow - *TheForeman*



Supported platforms

- Enterprise Linux 8, x86_64
- Enterprise Linux 9, x86_64
- Debian 11 (Bullseye), amd64
- Ubuntu 20.04 (Focal), amd64
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Enterprise Linux

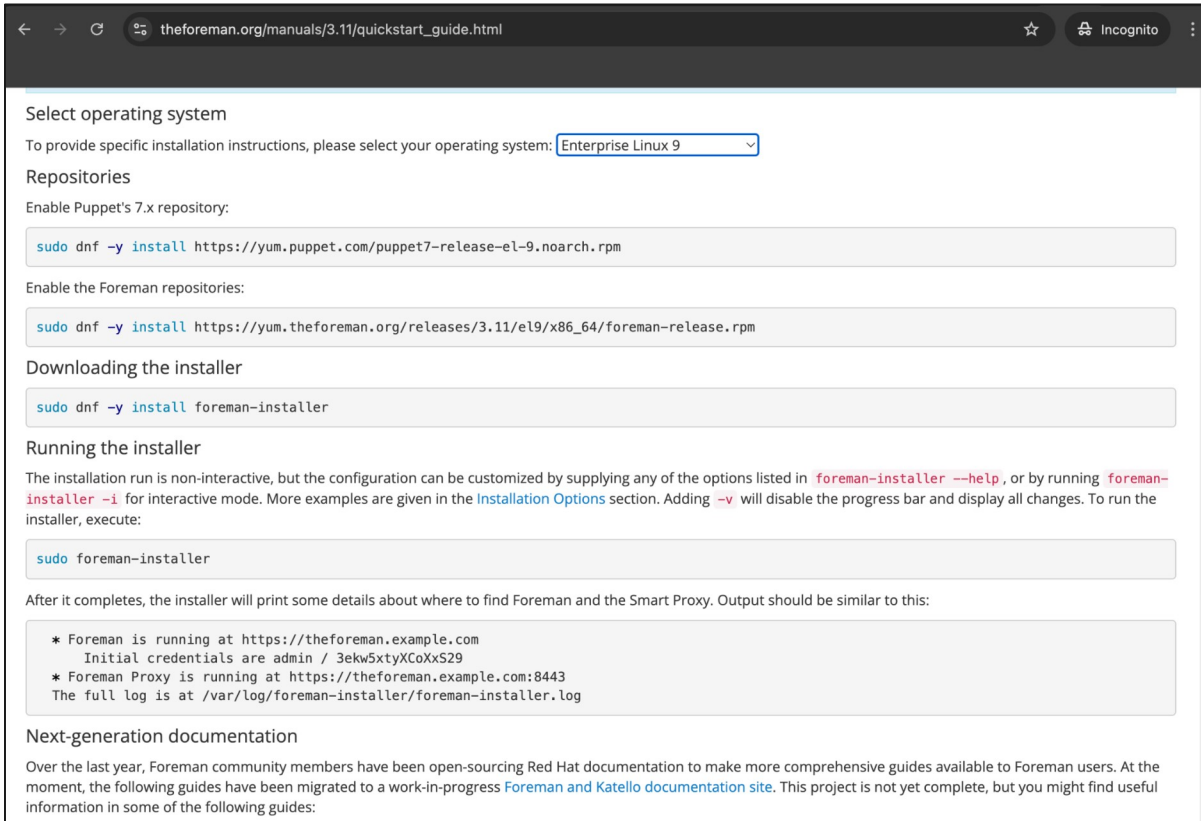
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Installation

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Complete Project Workflow - *TheForeman*



theforeman.org/manuals/3.11/quickstart_guide.html

Select operating system

To provide specific installation instructions, please select your operating system:

Repositories

Enable Puppet's 7.x repository:

```
sudo dnf -y install https://yum.puppet.com/puppet7--release-el-9.noarch.rpm
```

Enable the Foreman repositories:

```
sudo dnf -y install https://yum.theforeman.org/releases/3.11/el9/x86_64/foreman-release.rpm
```

Downloading the installer

```
sudo dnf -y install foreman-installer
```

Running the installer

The installation run is non-interactive, but the configuration can be customized by supplying any of the options listed in `foreman-installer --help`, or by running `foreman-installer -i` for interactive mode. More examples are given in the [Installation Options](#) section. Adding `-v` will disable the progress bar and display all changes. To run the installer, execute:

```
sudo foreman-installer
```

After it completes, the installer will print some details about where to find Foreman and the Smart Proxy. Output should be similar to this:

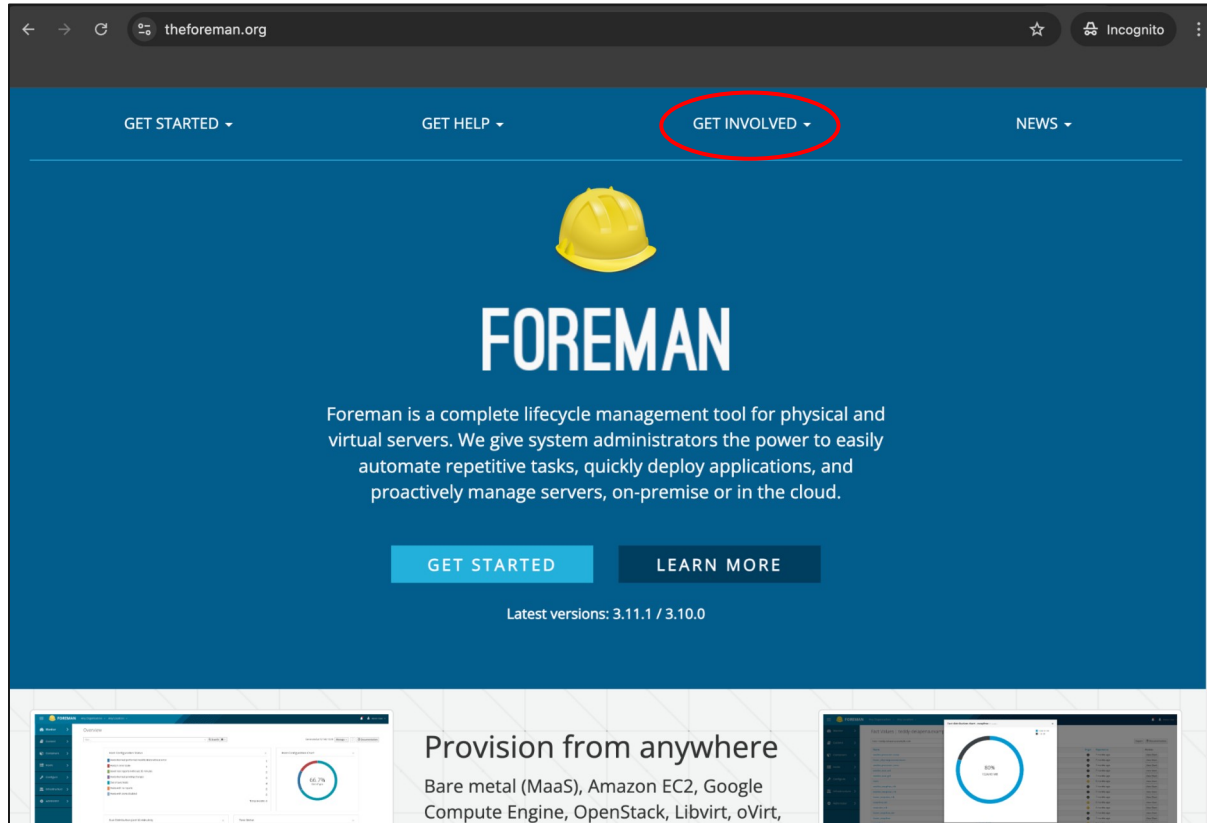
```
* Foreman is running at https://theforeman.example.com
  Initial credentials are admin / 3ekw5xtyXCoxXS29
* Foreman Proxy is running at https://theforeman.example.com:8443
  The full log is at /var/log/foreman-installer/foreman-installer.log
```

Next-generation documentation

Over the last year, Foreman community members have been open-sourcing Red Hat documentation to make more comprehensive guides available to Foreman users. At the moment, the following guides have been migrated to a work-in-progress [Foreman and Katello documentation site](#). This project is not yet complete, but you might find useful information in some of the following guides:




Complete Project Workflow - *TheForeman*



The screenshot shows the homepage of the Foreman website. The browser address bar displays 'theforeman.org'. The navigation menu includes 'GET STARTED', 'GET HELP', 'GET INVOLVED', and 'NEWS'. The 'GET INVOLVED' link is circled in red. Below the navigation is a large blue banner with a yellow hard hat icon and the word 'FOREMAN' in large white letters. The main text describes Foreman as a complete lifecycle management tool for physical and virtual servers. At the bottom of the banner are two buttons: 'GET STARTED' and 'LEARN MORE'. Below the banner, it states 'Latest versions: 3.11.1 / 3.10.0'. The footer features two screenshots of the Foreman interface, one showing a configuration page and the other showing a dashboard with a circular progress indicator.

GET STARTED ▾ GET HELP ▾ **GET INVOLVED ▾** NEWS ▾



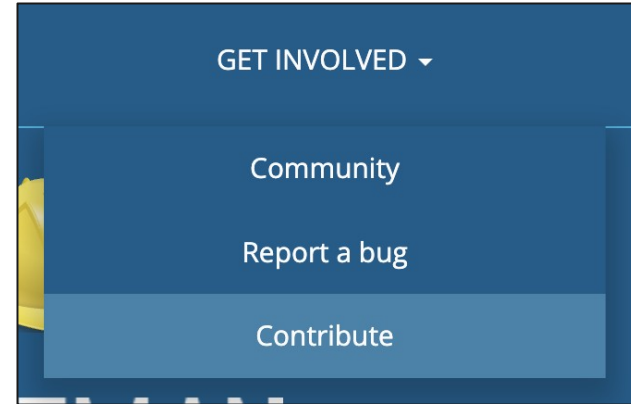
FOREMAN

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[GET STARTED](#) [LEARN MORE](#)

Latest versions: 3.11.1 / 3.10.0

Provision from anywhere
Bare metal (MaaS), Amazon EC2, Google Compute Engine, OpenStack, Libvirt, oVirt,

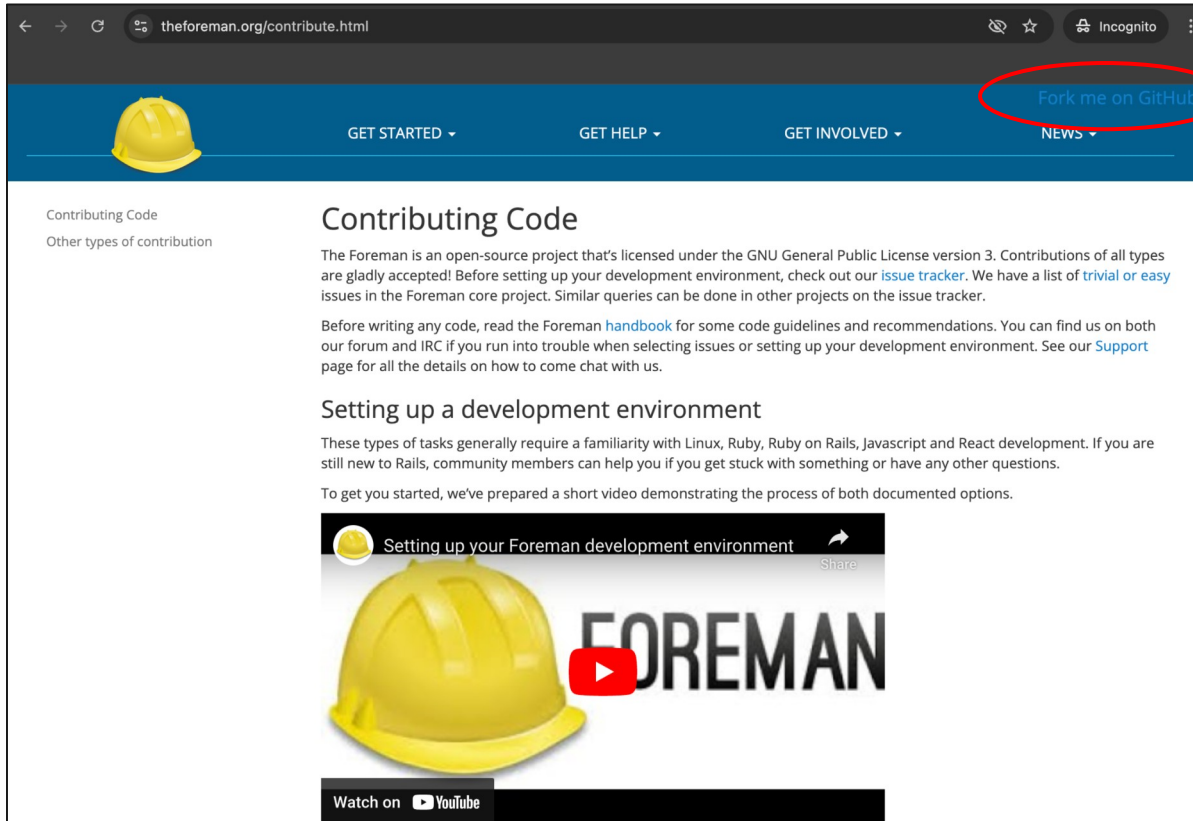


This image shows a dropdown menu for the 'GET INVOLVED' link. The menu is dark blue and contains three items: 'Community', 'Report a bug', and 'Contribute'. A yellow hard hat icon is partially visible on the left side of the menu.

GET INVOLVED ▾


- Community
- Report a bug
- Contribute

Complete Project Workflow - *TheForeman*



theforeman.org/contribute.html

Incognito

 GET STARTED ▾ GET HELP ▾ GET INVOLVED ▾ NEWS ▾

[Fork me on GitHub](#)

Contributing Code

Contributing Code
Other types of contribution


The Foreman is an open-source project that's licensed under the GNU General Public License version 3. Contributions of all types are gladly accepted! Before setting up your development environment, check out our [issue tracker](#). We have a list of [trivial or easy](#) issues in the Foreman core project. Similar queries can be done in other projects on the issue tracker.


Before writing any code, read the Foreman [handbook](#) for some code guidelines and recommendations. You can find us on both our forum and IRC if you run into trouble when selecting issues or setting up your development environment. See our [Support](#) page for all the details on how to come chat with us.

Setting up a development environment

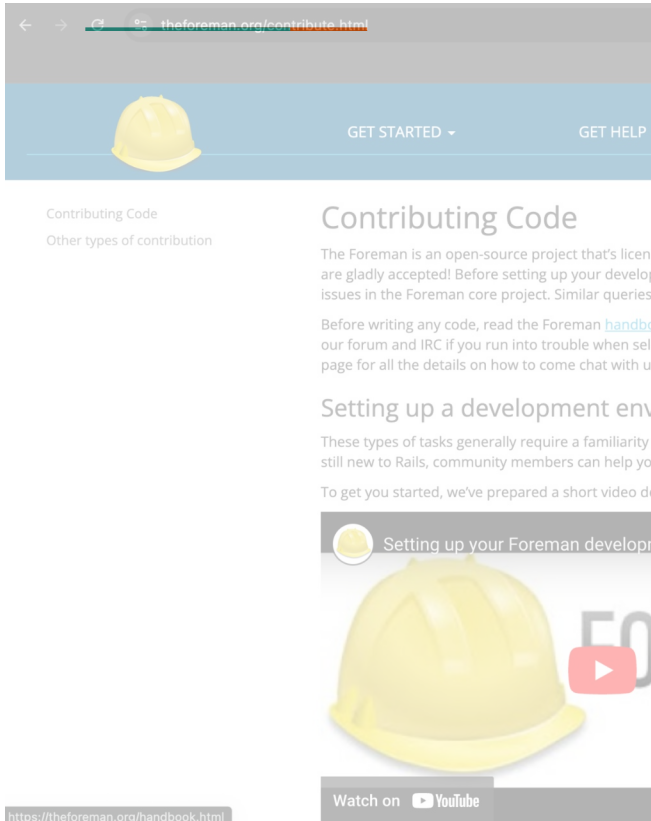
These types of tasks generally require a familiarity with Linux, Ruby, Ruby on Rails, Javascript and React development. If you are still new to Rails, community members can help you if you get stuck with something or have any other questions.

To get you started, we've prepared a short video demonstrating the process of both documented options.

 Setting up your Foreman development environment

Watch on  YouTube

Complete Project Workflow - *TheForeman*



Contributing Code

Other types of contribution

Contributing Code

The Foreman is an open-source project that's licenses are gladly accepted! Before setting up your development issues in the Foreman core project. Similar queries


Before writing any code, read the Foreman [handbook](#) our forum and IRC if you run into trouble when selecting page for all the details on how to come chat with us


Setting up a development environment

These types of tasks generally require a familiarity with still new to Rails, community members can help you

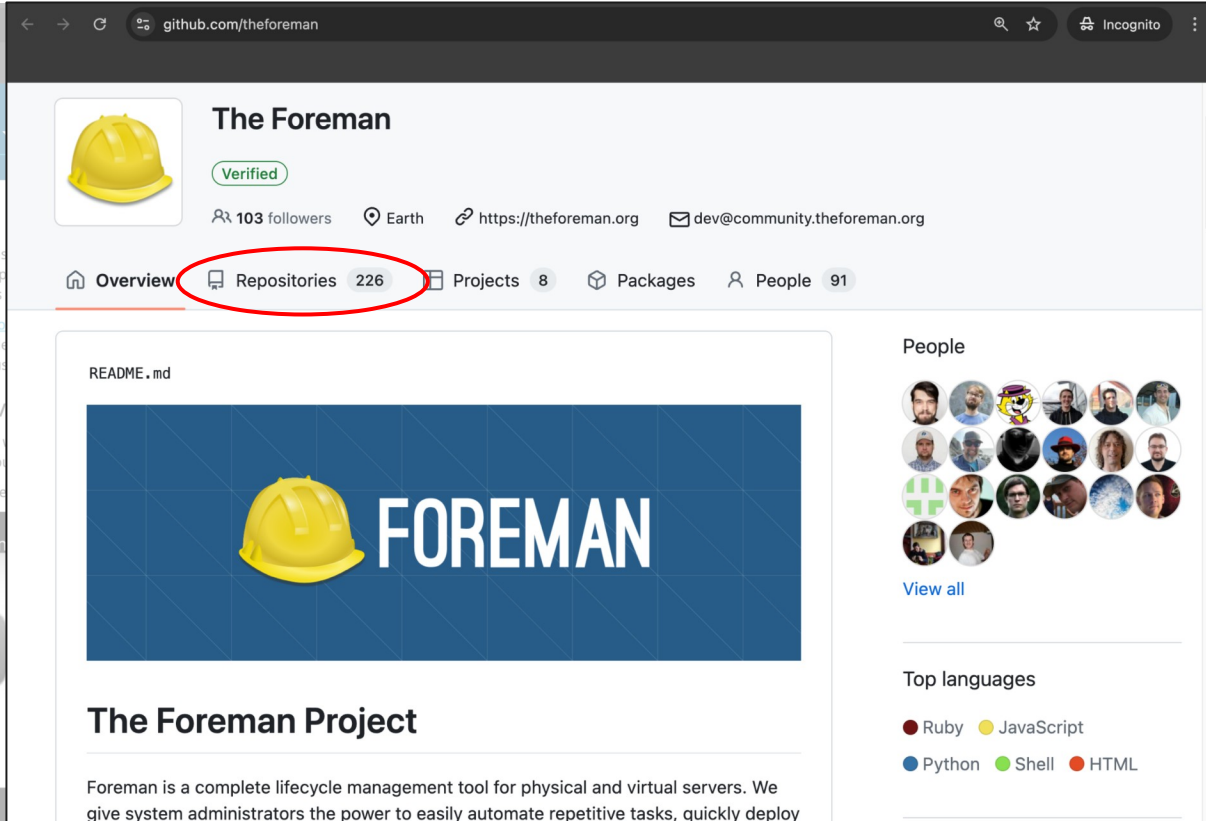
To get you started, we've prepared a short video de

Setting up your Foreman development



Watch on  YouTube

<https://theforeman.org/handbook.html>



github.com/theforeman


The Foreman

Verified

103 followers Earth <https://theforeman.org> dev@community.theforeman.org

Overview **Repositories 226** Projects 8 Packages People 91

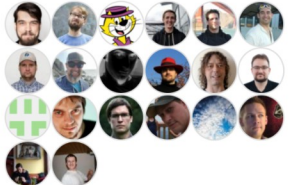
README.md



The Foreman Project

Foreman is a complete lifecycle management tool for physical and virtual servers. We give system administrators the power to easily automate repetitive tasks, quickly deploy

People

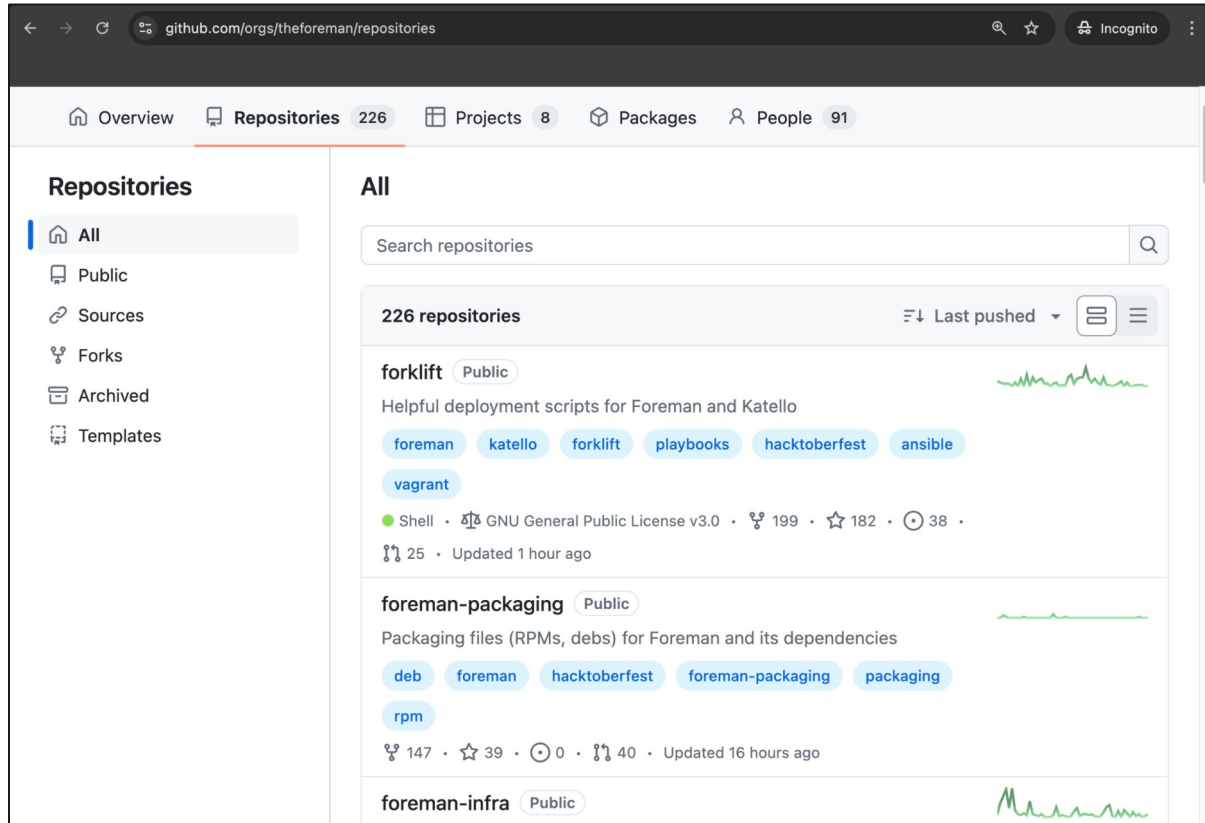


[View all](#)

Top languages

- Ruby
- JavaScript
- Python
- Shell
- HTML

Complete Project Workflow - *TheForeman*



The screenshot shows the GitHub organization page for 'theforeman'. The browser address bar displays 'github.com/orgs/theforeman/repositories'. The navigation bar includes 'Overview', 'Repositories 226', 'Projects 8', 'Packages', and 'People 91'. The left sidebar lists repository categories: 'All', 'Public', 'Sources', 'Forks', 'Archived', and 'Templates'. The main content area is titled 'All' and features a search bar and a list of 226 repositories sorted by 'Last pushed'. The first repository is 'forklift', described as 'Helpful deployment scripts for Foreman and Katello', with tags for 'foreman', 'katello', 'forklift', 'playbooks', 'hacktoberfest', and 'ansible'. It has 199 forks, 182 stars, and 38 issues. The second repository is 'foreman-packaging', described as 'Packaging files (RPMs, debs) for Foreman and its dependencies', with tags for 'deb', 'foreman', 'hacktoberfest', 'foreman-packaging', and 'packaging'. It has 147 forks, 39 stars, 0 issues, and 40 pull requests. The third repository is 'foreman-infra'.

Repositories

- All
- Public
- Sources
- Forks
- Archived
- Templates

All

Search repositories

226 repositories Last pushed

forklift Public

Helpful deployment scripts for Foreman and Katello

foreman katello forklift playbooks hacktoberfest ansible

vagrant

Shell · GNU General Public License v3.0 · 199 forks · 182 stars · 38 issues · 25 pull requests · Updated 1 hour ago

foreman-packaging Public

Packaging files (RPMs, debs) for Foreman and its dependencies

deb foreman hacktoberfest foreman-packaging packaging

rpm

147 forks · 39 stars · 0 issues · 40 pull requests · Updated 16 hours ago

foreman-infra Public

Complete Project Workflow - *TheForeman*

The image shows two overlapping screenshots of a GitHub repository. The left screenshot shows the repository overview for 'theforeman/foreman', displaying a list of repositories with search and filter options. The right screenshot shows the file browser for the 'foreman' repository, displaying a commit history table and an 'About' section.

Repository Overview (Left Screenshot):

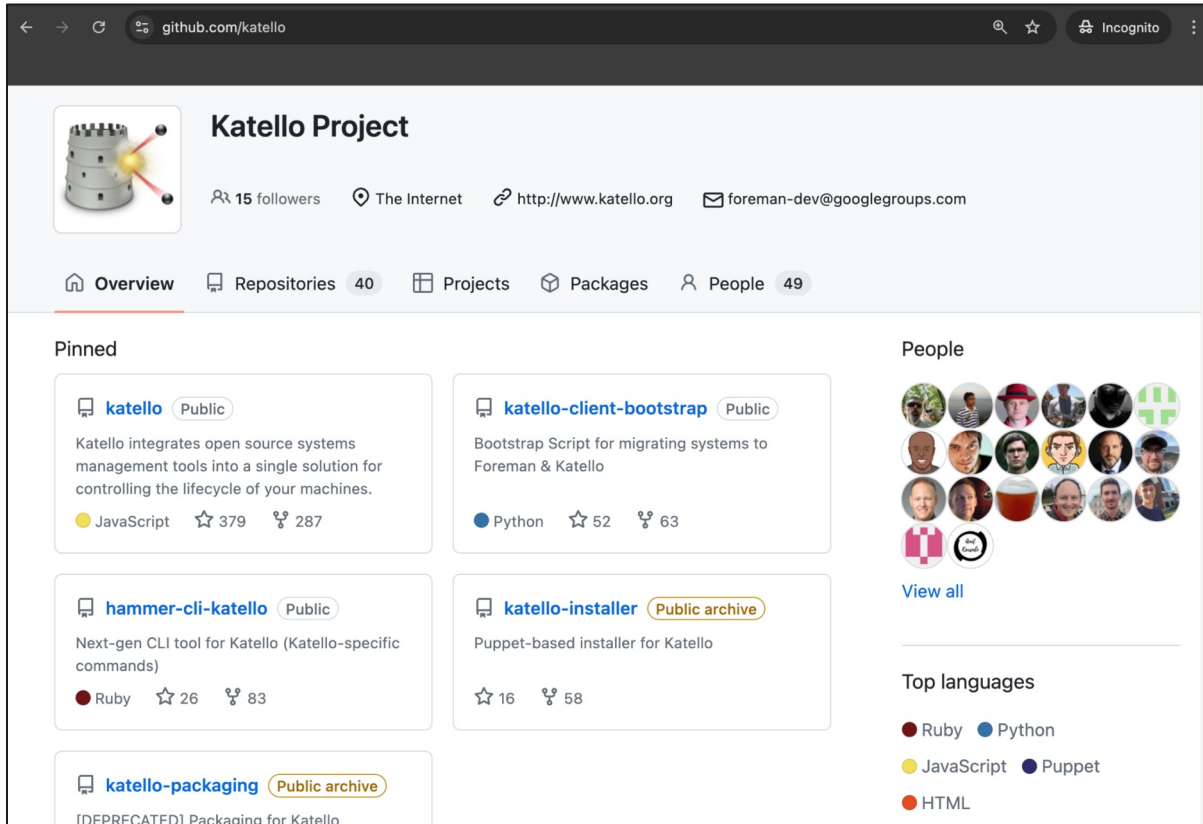
- Overview | **Repositories** 226 | Projects 8 | Packages
- Repositories
- All
- Public
- Sources
- Forks
- Archived
- Templates
- Search repositories
- 226 repositories
- forklift Public
- Helpful deployment scripts for Foreman
- foreman katello forklift vagrant
- Shell · GNU General Public License
- 25 · Updated 1 hour ago
- foreman-packaging Public
- Packaging files (RPMs, debs) for Foreman
- deb foreman hacktoberfest rpm
- 147 · 39 · 0 · 40
- foreman-infra Public

Repository File Browser (Right Screenshot):

- theforeman / foreman Public
- Notifications Fork 985 Star 2.6K
- Code Pull requests 83 Actions Security Insights
- develop Go to file Code
- About: an application that automates the lifecycle of servers
- theforeman.org
- ruby rails infrastructure puppet cloud config-management virtualization provisioning infrastructure-management foreman theforeman maas hacktoberfest hybrid-cloud
- Readme
- GPL-3.0 license
- Activity
- Custom properties

File	Commit	Time
.github	properly fail the "Test Suite" chec...	4 days ago
.tx	i18n - extracting new, pulling fro...	9 months ago
app	Fixes #37623 - Use html format i...	2 days ago
bin	Fixes #23962 - Fix Style/ExpandP...	6 years ago
bundler.d	Refs #34839 - require fog-vsphe...	2 weeks ago
config	Fixes #37458 - Fix Style/CaseLik...	3 weeks ago
db	Fixes #37059 - Templates - clone...	last month
developer_docs	Fixes #37293 - Add user columns...	4 months ago

Complete Project Workflow - *TheForeman*



The screenshot shows the GitHub repository page for the Katello Project. The browser address bar displays "github.com/katello". The repository name "Katello Project" is prominently displayed at the top, accompanied by a logo of a castle tower. Below the name, it indicates 15 followers, the topic "The Internet", the website "http://www.katello.org", and the email "foreman-dev@googlegroups.com". A navigation bar includes "Overview" (selected), "Repositories 40", "Projects", "Packages", and "People 49".

Pinned

- katello** (Public)
Katello integrates open source systems management tools into a single solution for controlling the lifecycle of your machines.
JavaScript 379 287
- katello-client-bootstrap** (Public)
Bootstrap Script for migrating systems to Foreman & Katello
Python 52 63
- hammer-cli-katello** (Public)
Next-gen CLI tool for Katello (Katello-specific commands)
Ruby 26 83
- katello-installer** (Public archive)
Puppet-based installer for Katello
16 58
- katello-packaging** (Public archive)
[DEPRECATED] Packaging for Katello

People

View all

Top languages

- Ruby
- Python
- JavaScript
- Puppet
- HTML

Complete Project Workflow - *TheForeman*

Katello Project

15 followers • The Internet • <http://www.katello.org>

Overview • Repositories 40 • Projects • Packages

Pinned

- katello** (Public)
Katello integrates open source systems management tools into a single solution for controlling the lifecycle of your machines.
JavaScript • 379 stars • 287 forks
- katello-client-bootstrap**
Bootstrap Script for migrating Foreman & Katello
Python • 52 stars • 3 forks
- hammer-cli-katello** (Public)
Next-gen CLI tool for Katello (Katello-specific commands)
Ruby • 26 stars • 83 forks
- katello-installer** (Public)
Puppet-based installer for Katello
2 stars • 58 forks
- katello-packaging** (Public archive)
IDEPRECATED! Packaging for Katello

github.com/Katello/katello

Katello / katello (Public)

Notifications • Fork 287 • Star 379

Code • Pull requests 27 • Actions • Projects • Wiki • Security • Insights

master • Go to file • Code

Where is the Issues tab?

.storybook	Fixes #21931 - Add react-storybo...	7 years ago
.tx	i18n - extracting new, pulling fro...	last year
app	Fixes #37739 - drop Katello.with_...	2 days ago
bin	Fixes #15035 - Adding rails script...	8 years ago
ca	Fixes #36326 - Sync redhat-uep...	last year
config	Fixes #37739 - drop Katello.with_...	2 days ago
db	Fixes #37739 - drop Katello.with_...	2 days ago
engines	Fixes #37739 - drop Katello.with_...	2 days ago

About

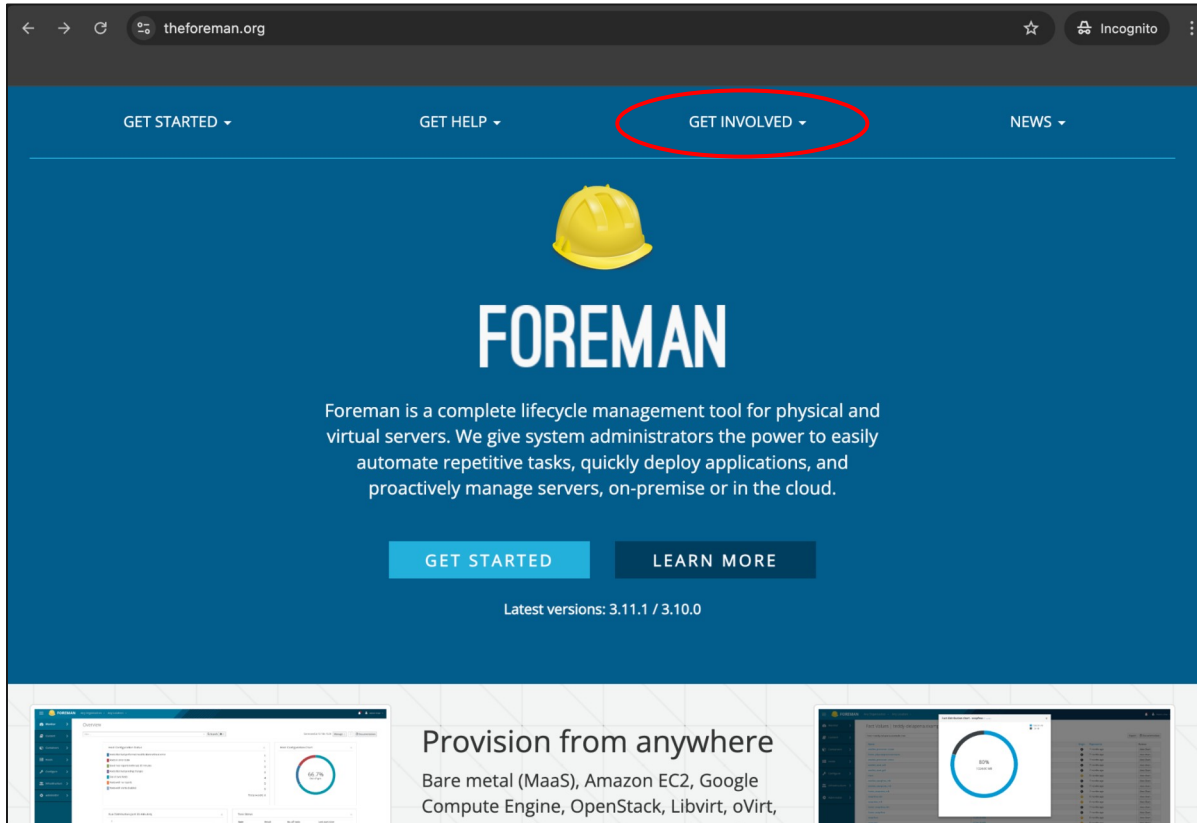
Katello integrates open source systems management tools into a single solution for controlling the lifecycle of your machines.

theforeman.org/plugins/katello/

docker • puppet • rpm • content-management • foreman • theforeman • katello • hacktoberfest


Readme • GPL-2.0 license • Activity • Custom properties • 379 stars

Complete Project Workflow - *TheForeman*



The screenshot shows the homepage of the Foreman website. The browser address bar displays 'theforeman.org'. The navigation menu includes 'GET STARTED', 'GET HELP', 'GET INVOLVED', and 'NEWS'. The 'GET INVOLVED' link is circled in red. Below the navigation is a yellow hard hat icon and the word 'FOREMAN' in large white letters. A paragraph describes Foreman as a complete lifecycle management tool for physical and virtual servers. Two buttons, 'GET STARTED' and 'LEARN MORE', are visible. At the bottom, it states 'Latest versions: 3.11.1 / 3.10.0'. Below the main content area, there are two screenshots of the Foreman interface showing server provisioning details and a progress indicator.

GET STARTED ▾ GET HELP ▾ GET INVOLVED ▾ NEWS ▾



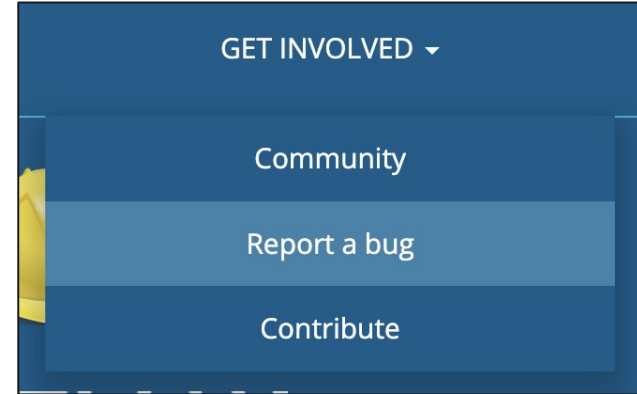
FOREMAN

Foreman is a complete lifecycle management tool for physical and virtual servers. We give system administrators the power to easily automate repetitive tasks, quickly deploy applications, and proactively manage servers, on-premise or in the cloud.

[GET STARTED](#) [LEARN MORE](#)

Latest versions: 3.11.1 / 3.10.0

Provision from anywhere
Bare metal (MaaS), Amazon EC2, Google Compute Engine, OpenStack, Libvirt, oVirt,



This image shows a dropdown menu for the 'GET INVOLVED' link. The menu items are 'Community', 'Report a bug', and 'Contribute'. A yellow paper tab is visible on the left side of the menu.

GET INVOLVED ▾

- Community
- Report a bug
- Contribute

Complete Project Workflow - *TheForeman*

The screenshot shows the web interface of projects.theforeman.org/projects. The browser's address bar shows the URL. The page has a navigation bar with "Home", "Projects", and "Help" on the left, and "Sign in" and "Register" on the right. Below the navigation bar is a search bar and a "Jump to a project..." dropdown menu. The main content area is titled "Projects" and features a filter section with "Status" set to "is" and "active". There are "Apply" and "Clear" buttons. The page is divided into two columns of project descriptions:

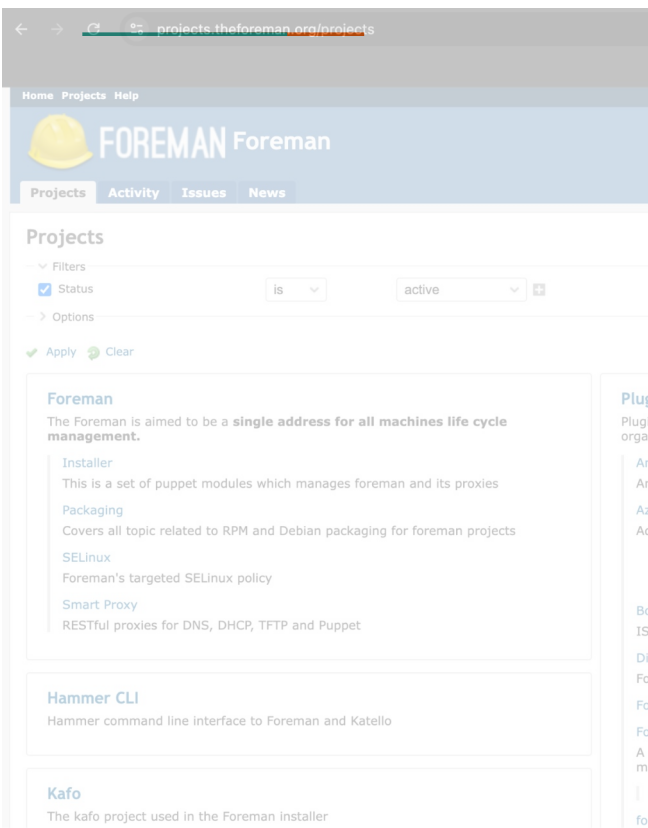
- Foreman**: The Foreman is aimed to be a **single address for all machines life cycle management**.
 - [Installer](#): This is a set of puppet modules which manages foreman and its proxies
 - [Packaging](#): Covers all topic related to RPM and Debian packaging for foreman projects
 - [SELinux](#): Foreman's targeted SELinux policy
 - [Smart Proxy](#): RESTful proxies for DNS, DHCP, TFTP and Puppet
- Hammer CLI**: Hammer command line interface to Foreman and Katello
- Kafo**: The kafo project used in the Foreman installer

Plugins

Plugins for Foreman. If you'd like to host your plugin as part of the Foreman organization, let us know.


- [Ansible](#): Ansible integration via foreman_ansible etc.
- [AzureRM](#): Adds Azure Resource Manager as a compute resource for The Foreman
 - Docs: https://theforeman.org/plugins/foreman_azure/
 - Support: <https://theforeman.org/support.html>
- [Boot disk](#): ISO and USB boot disk support for foreman.
- [Discovery](#): Foreman Discovery (Metal-as-a-Service)
- [Foreman Google](#)
- [Foreman Remote Execution](#): A plugin bringing remote execution to the Foreman, completing the config management functionality with remote management functionality.
 - [receptor plugin](#)
 - [foreman-tasks](#)

Complete Project Workflow - *TheForeman*



projects.theforeman.org/projects

Home Projects Help

 FOREMAN Foreman

Projects Activity Issues News

Projects

Filters

Status is active

Options

Apply Clear

Foreman

The Foreman is aimed to be a **single address for all machines life cycle management.**

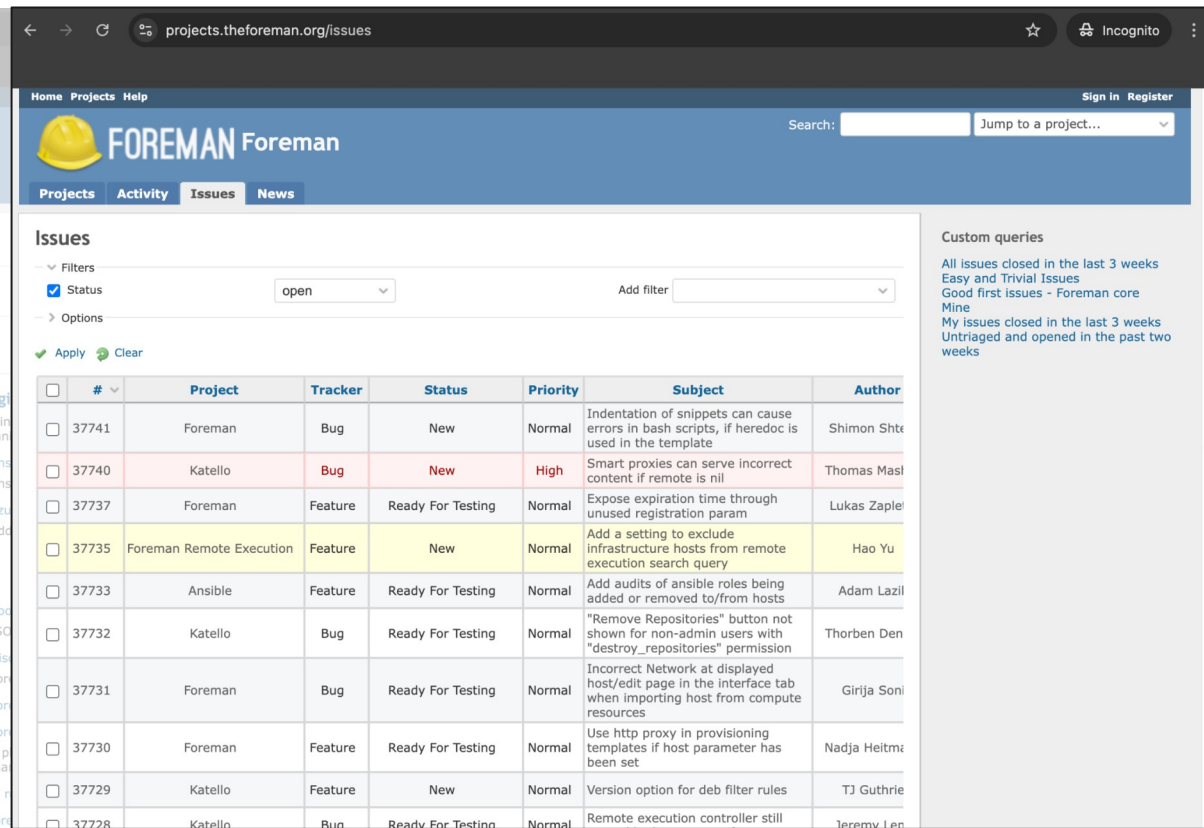
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This is a set of puppet modules which manages foreman and its proxies
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RESTful proxies for DNS, DHCP, TFTP and Puppet

Hammer CLI

Hammer command line interface to Foreman and Katello


Kafo

The kafo project used in the Foreman installer



projects.theforeman.org/issues

Home Projects Help

 FOREMAN Foreman

Search: Jump to a project...

Projects Activity **Issues** News

Issues

Filters

Status open

Options

Apply Clear

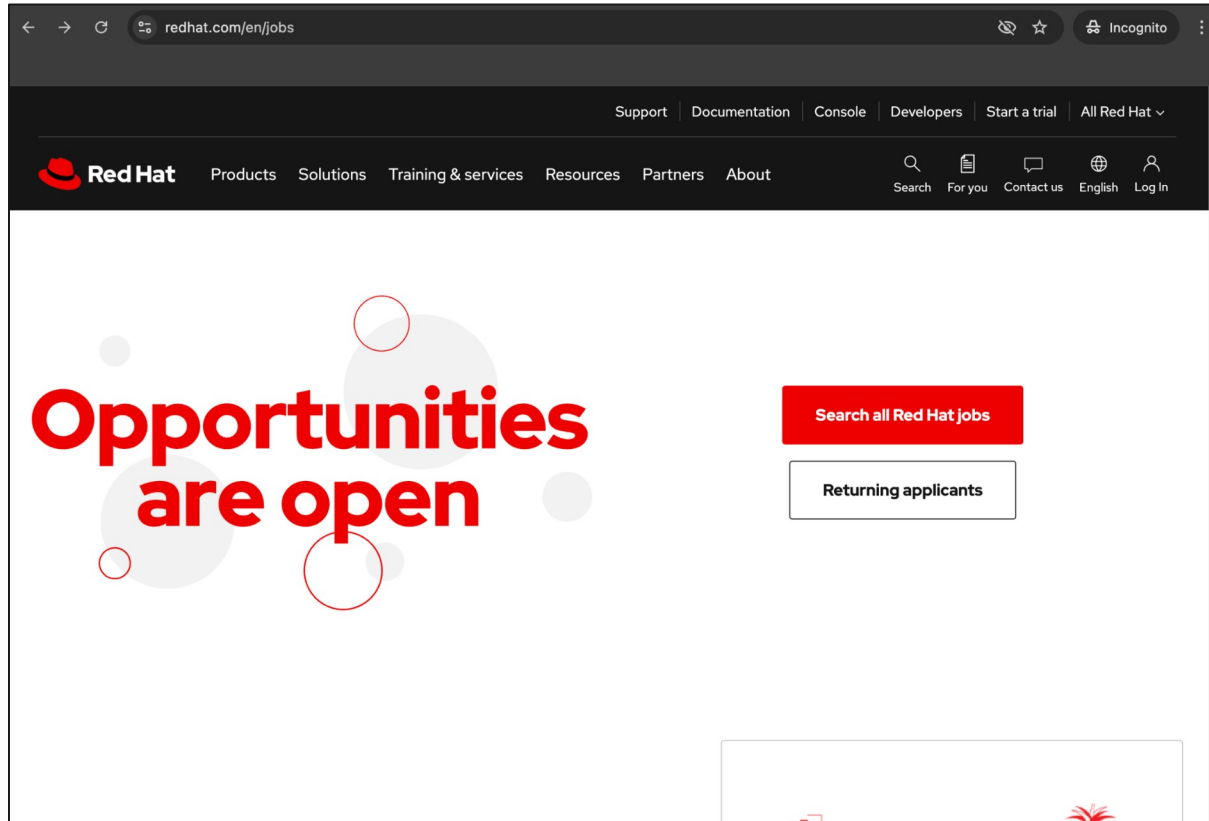
<input type="checkbox"/>	#	Project	Tracker	Status	Priority	Subject	Author
<input type="checkbox"/>	37741	Foreman	Bug	New	Normal	Indentation of snippets can cause errors in bash scripts, if heredoc is used in the template	Shimon Shte
<input type="checkbox"/>	37740	Katello	Bug	New	High	Smart proxies can serve incorrect content if remote is nil	Thomas Masl
<input type="checkbox"/>	37737	Foreman	Feature	Ready For Testing	Normal	Expose expiration time through unused registration param	Lukas Zaple
<input type="checkbox"/>	37735	Foreman Remote Execution	Feature	New	Normal	Add a setting to exclude infrastructure hosts from remote execution search query	Hao Yu
<input type="checkbox"/>	37733	Ansible	Feature	Ready For Testing	Normal	Add audits of ansible roles being added or removed to/from hosts	Adam Lazl
<input type="checkbox"/>	37732	Katello	Bug	Ready For Testing	Normal	"Remove Repositories" button not shown for non-admin users with "destroy_repositories" permission	Thorben Den
<input type="checkbox"/>	37731	Foreman	Bug	Ready For Testing	Normal	Incorrect Network at displayed host/edit page in the interface tab when importing host from compute resources	Girija Soni
<input type="checkbox"/>	37730	Foreman	Feature	Ready For Testing	Normal	Use http proxy in provisioning templates if host parameter has been set	Nadja Heitme
<input type="checkbox"/>	37729	Katello	Feature	New	Normal	Version option for deb filter rules	TJ Guthrie
<input type="checkbox"/>	37728	Katello	Bug	Ready For Testing	Normal	Remote execution controller still	Jeremy Len

Custom queries

- All issues closed in the last 3 weeks
- Easy and Trivial Issues
- Good first issues - Foreman core
- Mine
- My issues closed in the last 3 weeks
- Untriaged and opened in the past two weeks

Open Jobs / Opportunities

Open Jobs / Opportunities



<https://jobs.redhat.com>

Recap

Recap

- Upstream / Open Source Projects
- Red Hat
- Upstream vs Downstream
- Red Hat Contribution
- Basic Project Workflow (Pulp & RPM)
- Complete Project Workflow (TheForeman)
- Open Jobs / Opportunities

The Big Question!

The Big Question!

Would you like to be ready for an interview when a company is looking for a Red Hat experienced person?

Questions???

Thank you!

Contacts



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[@waldirio](#)



@waldirio



waldirio



waldirio@gmail.com



Wally's Server
<https://discord.com/invite/SVbWFZx9vE>



<https://waldirio.com.br>