



UNLEASHING SYNERGY

# Empowering the Fedora Project Community

Community Platform Engineering Updates

**AKASHDEEP DHAR**

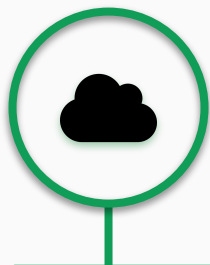
Fedora Infrastructure and CentOS Infrastructure  
Red Hat Community Platform Engineering

**SAMYAK JAIN**

Release Engineering Team  
Red Hat Community Platform Engineering

# WHAT DO WE DO?

Things that we have been upto



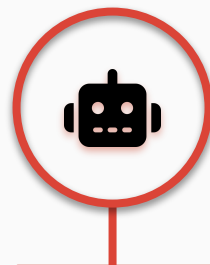
## OPERATIONS

Involves system administration, infrastructure handling and service deployment, and releases engineering



## DEVELOPMENT

Consists of building of projects (called initiatives) for the community infrastructure in a limited scope



## MAINTENANCE

Includes looking after the deployed set of applications and services that fall under the team's remit

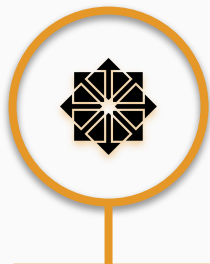
# HOW ARE WE ORGANIZED?

Teams, groups and individuals



## Fedora Infrastructure

Maintaining everything on the community infrastructure - from package build systems to source code forges



## CentOS Infrastructure

Upholding everything on the community infrastructure - from continuous integration systems to storages



## Release Engineering

Ensuring that the releases of the distribution come out with features, packages and on a planned schedule

# FEDORA INFRA

Maintaining the community services

Total number of issues

284 tickets

Operations

168 tickets

Development

3 tickets

Calculated in Days  
Time to resolve

MAX	MIN	AVG	MED
2197.00	0.00	35.35	0.00

Calculated in Ticket Numbers  
Gain

UNLABELLED	LOW	MEDIUM	HIGH
144	89	86	18

Calculated in Ticket Numbers  
Trouble

UNLABELLED	LOW	MEDIUM	HIGH
147	108	71	11

Calculated in Ticket Numbers  
Resolution

MAYBE OPEN THIS IN THE CORRECT TRACKER?	14
THERE YOU GO - FIXED IT	227
THIS DOES NOT SEEM RIGHT TO US	7
LOOKS LIKE IT WAS ALREADY REPORTED	6
HERE IS HOW IT WAS FIXED	50
HELP US WITH MORE DATA PLEASE	6
HOW ABOUT WE MAKE AN INITIATIVE?	2
CAN WE SEND THIS TO UPSTREAM?	25

# CENTOS INFRA

Upholding the community applications

Total number of issues  
**185 tickets**

Operations  
**0 tickets**

Development  
**1 ticket**

Calculated in Days  
Time to resolve

MAX	MIN	AVG	MED
418.00	0.00	14.65	1.00

Calculated in Ticket Numbers  
Gain

UNLABELLED	LOW	MEDIUM	HIGH
32	9	90	88

Calculated in Ticket Numbers  
Trouble

UNLABELLED	LOW	MEDIUM	HIGH
34	133	40	12

Calculated in Ticket Numbers  
Resolution

MAYBE OPEN THIS IN THE CORRECT TRACKER?	9
THERE YOU GO - FIXED IT	172
THIS DOES NOT SEEM RIGHT TO US	8
LOOKS LIKE IT WAS ALREADY REPORTED	5
HERE IS HOW IT WAS FIXED	18
HELP US WITH MORE DATA PLEASE	5
HOW ABOUT WE MAKE AN INITIATIVE?	2

# RELEASE ENGG

Serving the distribution releases

Total number of issues

263 tickets

Operations

184 tickets

Development

3 tickets

Calculated in Days

Time to resolve

MAX	MIN	AVG	MED
1860.00	0.00	32.72	1.00

Calculated in Ticket Numbers

Gain

UNLABELLED	LOW	MEDIUM	HIGH
121	132	64	11

Calculated in Ticket Numbers

Trouble

UNLABELLED	LOW	MEDIUM	HIGH
121	147	57	3

Calculated in Ticket Numbers

Resolution

MAYBE OPEN THIS IN THE CORRECT TRACKER?	15
THERE YOU GO - FIXED IT	259
THIS DOES NOT SEEM RIGHT TO US	2
LOOKS LIKE IT WAS ALREADY REPORTED	5
HERE IS HOW IT WAS FIXED	8
HELP US WITH MORE DATA PLEASE	1
HOW ABOUT WE MAKE AN INITIATIVE?	0

# TICKETS OR IT DIDN'T HAPPEN...

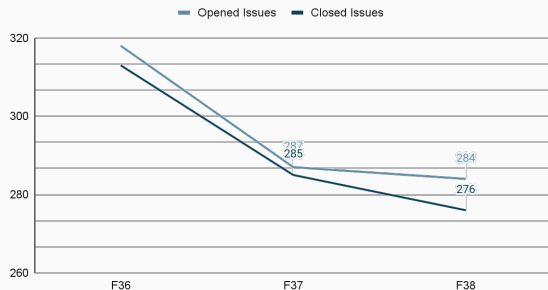
Our progress but in shiny graphs

Issue tickets under remit

## Fedora Infrastructure

F36	F37	F38
318 opened	287 opened	284 opened
313 closed	285 closed	276 closed

Fedora Infra

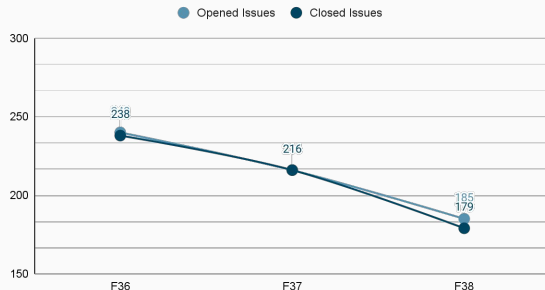


Issue tickets under remit

## CentOS Infrastructure

F36	F37	F38
240 opened	216 opened	185 opened
238 closed	216 closed	179 closed

CentOS Infra

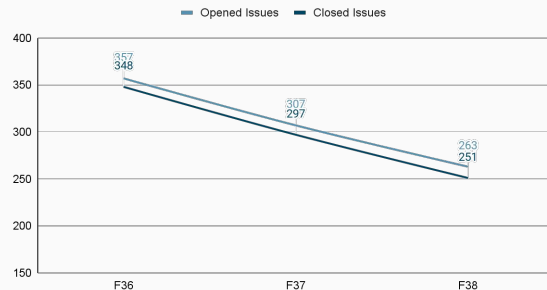


Issue tickets under remit

## Release Engineering

F36	F37	F38
357 opened	307 opened	263 opened
348 closed	297 closed	251 closed

Releng



# FEDORA LINUX RELEASES

On time, with features and in your computer

## Release Engineering Statistics

Between Fedora Linux 35 release and Fedora Linux 36 release

**167 days**

5 months, 14 days and 22 hours

Between Fedora Linux 36 release and Fedora Linux 37 release

**182 days**

5 months, 29 days and 22 hours

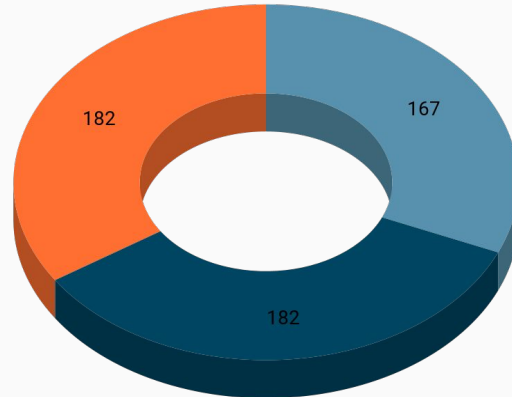
Between Fedora Linux 37 release and Fedora Linux 38 release

**182 days**

5 months, 29 days and 22 hours

## Release Duration

Calculated in days



F36 F37 F38



# FROM RELEASE 37 TO RELEASE 38

What marvels did the team unleash?

## November 2022

- F37 Release on 15th November 2022
- [ARC] Webhook to Fedora Messaging Application
- Update/Reboot fedora-infra
- Maintaining Meetbot Logs and MDAPI

Nov

Dec

Jan

Feb

Mar

Apr

## January 2023

- [ARC] Fedora Badges Redevelopment
- [CDT] Creative Freedom Summit
- MDAPI rewrite handover and deployment
- Focus on new features for Fedpkg

## March 2023

- Centralise/update Fedora Infra and Releng SOPs
- New version of Module Build Service
- FMN v3 completion and deployment
- Maintaining support for fedmsg
- Fedora Contributor Activity Statistics project

## December 2022

- CentOS CI Infrastructure
- [ARC] Rewriting GitHub2Fedmsg
- Maintaining support for Toddlers
- [ARC] Pagure to GitLab importer

## February 2023

- Automate processing of Fedora SCM requests
- [Initiative] DNFCCountMe scripts kickoff
- [ARC] FAS2Discourse operator kickoff
- Team presence at FOSDEM 2023

## April 2023

- F38 Release on 18th April 2023
- [CDT] Launch of Fedora Websites 3.0
- Init: CentOS Stream Release Overhaul
- Automatic Wildcard TLS Certificate Renewal



# THANK YOU!

WE WOULD LOVE TO ANSWER YOUR QUESTIONS

REACH OUT TO US

