



An inside look into the Fedora Infrastructure

Presented by
Pierre-Yves Chibon
Fedora Infrastructure

CC-BY license


About me

- Fedora contributor since 2007
- Ambassador
- Packager
- Fedora infrastructure team



Fedora Infra in numbers

- 65 bare-metal
- 90 builders
 - 76 ARM builders
 - 14 other builders
- 197 hosts + cloud
- ~35 applications

-
- 
- 15 People in the Fedora Engineering team (@ Red Hat)
 - 3 kernel developers
 - 2 designers
 - 2 interns
 - ~3 sysadmins
 - ~ 5 application developers

The Infra side

Nothing fancy

- Classical large park system
 - Nagios monitoring
 - Ansible management
 - from puppet
 - CollectD
 - HaProxy
 - 8 proxies spread over the world
- 300+ mirrors

The cool stuff

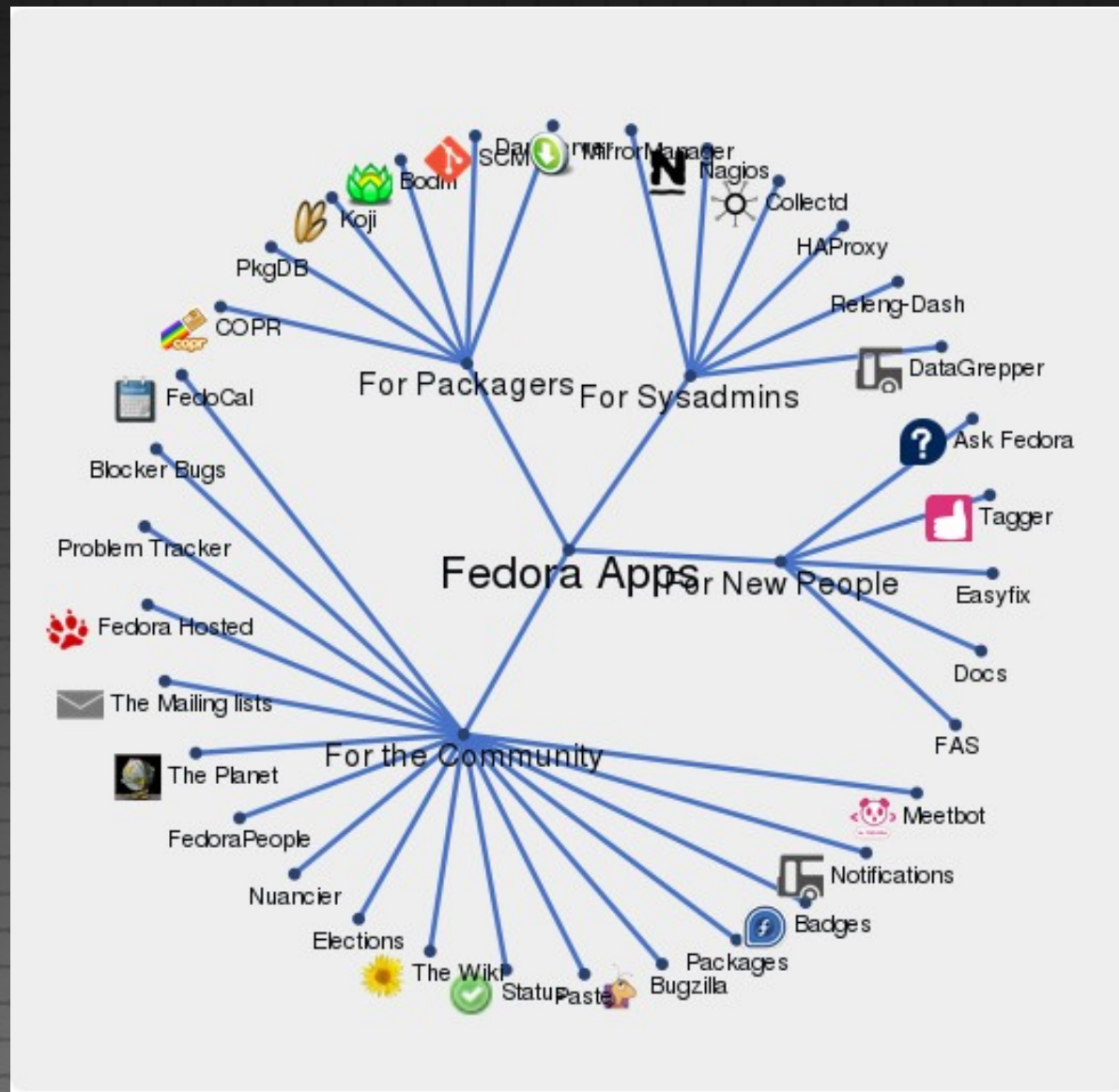
- Fedmsg
 - See Nicolas Dandrimont's talk from yesterday
 - Action -> Reaction
 - Rather than Action -> ... -> Check -> Reaction

The Applications side

Overview

- 35 front-line applications
 - Overview at: <https://apps.fedoraproject.org/>
 - 19 of them are “custom-built”

Overview



Overview

- Fedocal
- Blocker bugs
- Problem tracker
- Nuancier
- Elections
- Status
- Packages
- Badges
- FMN
- FAS
- Easyfix
- Tagger
- DataGrepper
- MirrorManager
- DarkServer
- Bodhi
- Koji
- PkgDB
- COPR

Packaging related

- Blocker bugs
- Problem tracker
- DarkServer
- Bodhi
- Koji
- PkgDB
- COPR

Others

- Status
- Fedocal
- Nuancier
- Elections
- DataGrepper
- Badges
- FMN
- FAS
- Easyfix
- Tagger
- Packages
- MirrorManager

The community side

Apprentice group

- Access most servers
- Access ansible/puppet repository
- Read-only

- Easy access for new-comers to help

Private cloud

- Dev instances
- Test instances
- Throw-away environments

Questions?



Contact:

pingou@fedoraproject.org

License CC-BY