



Bodhi2, MirrorManager2, progit, FAS3,
anitya, the-new-coolness...

What's going on in Fedora infra?

Presented by

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Fedora packager and infrastructure

About me

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



New in 2014

Sys-admin wise



- Port to Ansible
 - Good progress – FAD in December 2014
- Port to RHEL7
 - Will not reach 100%
- Port to Fedora
 - All our builders are running Fedora

Sys-admin wise (2)

- Move further to 1 service = 1 machine
 - More isolation between the services
 - Improved stability/tracking down issues
- Fedmsg integration
 - Gitolite ACLs
 - FAS ACLs

Application wise

- FMN
 - New defaults
 - Possibility to do 'all message but the one with XY or Z'
 - Possibility to reset all the filters
- Fedmsg monitoring
 - Watch how our bus is doing
- Taskotron
 - In place of autoqa



From your profile here, you can manage different notification preferences for [Fedora Apps](#). We support the following notification contexts currently and hope to add more in time.

irc Internet Relay Chat
email Electronic Mail

Current settings

email (disabled)

Enable

Update

irc (enabled)

pingou

Disable

Update

Your API key is used to link your Fedora Notifications account to [Fedora Mobile](#).

This is a temporary key, which should not be relied upon for anything except Android notifications. This (API key generation) functionality will be removed from Fedora Notifications in the future, though Fedora Mobile notifications will remain.

Your current API key is:

[Redacted API key]

You can [reset your key](#). If you do this, you'll need to re-register your Android device to continue receiving notifications.

- packages** where the specified user has **commit** ACLs.

fasnick	pingou
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- A particular user** Use this rule to include messages that are associated with a specific user.

fasnick	pingou
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- Particular koji instances** You may not have even known it, but we have multiple instances of the koji build system. There is the **primary** buildsystem at koji.fedoraproject.org and also secondary instances for ppc, arm, and s390.

With this rule, you can limit messages to only those from particular koji instances (like the **primary** one if you want to ignore the secondary ones). You should use this rule **in combination** with other koji rules so you get only a *certain subset* of messages from one instance. You almost certainly do not want **all** messages from a given instance.

You can specify several instances by separating them with a comma ',', i.e.: primary,ppc.

instance	ppc,s390,arm
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- Copr builds starting** Copr publishes messages when a new build starts. Adding this rule will get you those messages.
- New Copr chroots** Copr publishes messages when a new chroot starts. Adding this rule will get you those messages.
- New Copr workers are spun up** Copr publishes messages when a new worker is created. Adding this rule will get you those messages.
- Scratch builds starting** This rule lets through messages from the koji build system that get published anytime a **scratch** build starts.
- Builds starting** This rule lets through messages from the koji build system that get published anytime **a build starts**.
- Packages are added to a Koji tag** This rule lets through messages that get published when the koji build system applies a certain tag to a package.
- Packages are removed from a Koji tag** This rule lets through messages that get published when the koji build system removes a tag from a package.
- Koji repo regeneration (complete)** This rule lets through messages indicating that the koji build system has **finished** rebuilding a repo.
- Koji repo regeneration (start)** This rule lets through messages indicating that the koji build system has **started** rebuilding a repo.

we can annotate your messages with a triggered by link that will let you know which filter was responsible for triggering each message. This can be useful if you are actively tuning your profile, or even if you just want to track down why you're getting certain messages. On the other hand, some people find it annoying to have extra links tacked onto their messages. It's up to you...

I'm configured right now to **append** those links. ⏻ Disable

We can pass all links through a url shortener to make your delivered messages cute and manageable. Some people don't like the indirection that link shortening introduces, so we give you the option here to turn it off.

I'm configured right now to **not shorten** your links. ⏻ Enable

In some cases, we can try to enrich your messages with markup and color. Want to try it out?

I'm configured right now to **not markup** your messages. ⏻ Enable

Party Perished

If you like, we can destroy all your existing filters for the irc context and restore the "factory defaults": the settings that were in place when you first created your account.

Beware, there is no way to undo this operation.



JSON API

If you know what you're doing, or just want to hack it, you can export your profile as [JSON](#).

Coming (soon)
in 2015

Sys-admin wise



- More fedmsg integration
 - Git repos/branches
- Drop puppet (?)
- Most of the infrastructure on RHEL7
- Move to gitolite3

Application wise

- Pkgdb2
- Anitya
- The-new-hotness
- MirrorManager2
- Ipsilon

Pkgdb2

- New package/branch process
 - Move package/branch requests off bugzilla
 - Automated branch creation (for Fedora) (?)
- Monitor package flag
 - Replaces the wiki page

<https://admin.fedoraproject.org/pkgdb>

Anitya

- Monitor upstream releases
- Map projects to packages in distributions
- Cross-distro
- Announce them on fedmsg
 - The Fedora one
 - Its own

<https://release-monitoring.org>

Watch for releases of your favorite projects

We all have our favorite projects and we all like to use their latest versions with their latest features. However, it is hard to keep in touch with all of them and be informed when they release a new version. Anitya can help!

Announce

We monitor upstream releases and broadcast them on [fedmsg](#), the FEDerated MeSsaGe bus.

Use [fedmsg notifications \(FMN\)](#), to set up your own, *personalized*, alerts.

Search

Currently 5504 projects are being monitored by Anitya. Your project of interest might be there, or not. To check it [browse the list of all projects](#) or simply search for them!

You may use * to search for pattern (ie: py*).

The-New-Hotness

- Integrate pkgdb2 with anitya
- Open bugzilla ticket
- Download the spec
- Bump the version
- Start scratch build
- Report result on the ticket

Fedora Admin XMLRPC Client 2014-12-04 10:28:17 EST [Comment 22](#)

Scratch build failed <http://koji.stg.fedoraproject.org/koji/taskinfo?taskID=754>

Fedora Admin XMLRPC Client 2014-12-04 20:54:40 EST [Comment 23](#)

Latest upstream release: 2014.12.04.2

Current version/release in rawhide: 2014.11.13-1.fc22

URL: <http://youtube-dl.org/>

Please consult the package updates policy before you issue an update to a stable branch:

https://fedoraproject.org/wiki/Updates_Policy

More information about the service that created this bug can be found at:

https://stg.fedoraproject.org/wiki/Upstream_release_monitoring

Fedora Admin XMLRPC Client 2014-12-04 21:05:33 EST [Comment 24](#)

Scratch build succeeded <http://koji.stg.fedoraproject.org/koji/taskinfo?taskID=849>

Fedora Admin XMLRPC Client 2014-12-05 20:42:31 EST [Comment 25](#)

Latest upstream release: 2014.12.06.1

Current version/release in rawhide: 2014.11.13-1.fc22

URL: <http://youtube-dl.org/>

Please consult the package updates policy before you issue an update to a stable branch:

https://fedoraproject.org/wiki/Updates_Policy

More information about the service that created this bug can be found at:

https://stg.fedoraproject.org/wiki/Upstream_release_monitoring

Fedora Admin XMLRPC Client 2014-12-05 22:12:06 EST [Comment 26](#)

Scratch build failed <http://koji.stg.fedoraproject.org/koji/taskinfo?taskID=986>

Note



MirrorManager2

- Rewrite of MirrorManager1
- From TurboGears1 to Flask
- Unit-Tests

<https://admin.stg.fedoraproject.org/mirrormanager2/>

Ipsilon

- Auth server
 - Supports multiple backends:
 - FAS, FreeIPA, username/password database, Kerberos
 - Offers multiple protocols:
 - OpenID, OpenID Connect, Persona, SAML

Ipsilon



IPSILON

Username

None

Password

Provide your Username and Password

Cancel

Log In

Work In Progress

Bodhi2

- Progressing
- Current plans are between F22 and F23

New Fedora 20 updates-testing content synced out (4.42G changed with 1321 files deleted)

30 minutes ago

New Fedora 19 updates-testing content synced out (29.98M changed with 413 files deleted)

33 minutes ago

New Fedora 20 updates content synced out (234.22M changed with 1089 files deleted)

34 minutes ago

New Fedora 19 updates content synced out (30.69M changed with 393 files deleted)

37 minutes ago



Inie commented on bodhi update rebase-helper-0.3.1-1.fc20 (karma: 1)

an hour ago



Inie commented on bodhi update qt5-qtbase-5.3.1-5.fc20,qt-4.8.6-10... (karma: 1)

an hour ago



cicku submitted json-c-0.12-1.el6 to testing

2 hours ago



cicku submitted json-c-0.12-1.fc20 to testing

2 hours ago



cicku submitted a buildroot override for httrack-3.48.18-1.el6

2 hours ago



cicku submitted a buildroot override for httrack-3.48.18-1.fc20

2 hours ago



pahuang submitted zanata-common-3.3.0-4.fc20 to stable

4 hours ago



filiperosset submitted homebank-4.6.2-1.fc20 to testing

Search Bodhi

Search query here...

This week's top testers

#1	adamwill	(816)
#2	kevin	(722)
#3	hreindl	(719)
#4	patches	(564)
#5	misc	(430)

Latest Critical Path Updates in Need of Testing

[View all >](#)

Update	Age	Submitter
make-3.82-15.fc18	a year	pmachata
make-3.82-18.fc19	a year	pmachata
ibus-1.5.3-1.fc18	a year	fujiwara
ibus-1.5.3-1.fc19	a year	fujiwara
libgrypt-1.5.3-1.fc19	a year	tmraz

Latest Security Updates in Need of Testing

[View all >](#)

Update	Age	Submitter
libgrypt-1.5.3-1.fc19	a year	tmraz
libgrypt-1.5.3-1.fc17	a year	tmraz
libgrypt-1.5.3-1.fc18	a year	tmraz

FAS3

- Work in Progress
- New UI

FAS3



[Log in](#)

The Fedora Project Account System

The Fedora Account System - aka FAS - you can easily create and manager your account, find people or group informations.

Don't have an account yet? Join us and [sign up now!](#)

[Fedora groups](#)

[Fedora people](#)

SEARCH FOR PEOPLE



[Create an account](#) and join the
Fedora community

Already have an account? [Log in](#)

FEDORA WORLD

- [Learn about Fedora](#)
- [Download Fedora](#)
- [Projects](#)
- [Join Fedora](#)
- [Communicate](#)
- [Help/Documentation](#)

FAS3



Fedora groups

Fedora people

Log in

fas-admin

Group type tracking
Principal Administrator admin

Contact information

No contact informations provided.

Membership

This group has no special requirements to apply to.

[Login](#) for more details

Members

All 1

User

Sponsors

Administrator 1

1



HyperKitty / Mailman3



- Changed Object-Relation Mapper
 - Storm → SQLAlchemy
- Change python version
 - From: release on python2, python3 support later
 - To: release as python3 only
- HyperKitty
 - Adjusting for these changes
 - Coming :)

<https://lists.stg.fedoraproject.org/archives/>

ProGit

- Small git-centered forge
- Fedmsg aware
- Code browser
- Issue tracker
- Git-based documentation
- Hooks

- Might get renamed

<https://209.132.184.222/progit/>

Questions?

<http://devconf.cz/f/12>



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