



release-monitoring.org

Don't forget to update!

Presented by

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Fedora packager and infrastructure

pingou

- Pierre-Yves Chibon
- Contributeur Fedora (2007)
- Contributeur à l'infrastructure
- Ambassadeur
- Packager



Mises à jour ?

- Mises à jour de sécurité
- Nouvelles fonctionnalités
- Correctifs

- Upstream
 - Ajuster le code
- Downstream
 - Mettre à jour les paquets

CNUCNU dans Fedora

- Page sur le Wiki Fedora
 - http://fedoraproject.org/wiki/Upstream_release_monitoring
- Tâche Cron
- Tickets sur bugzilla.redhat.com

```
done
rm "$f"
}
```

List Of Packages

0-9

```
* 0install DEFAULT:0install SF-DEFAULT:zero-install
* 2ping DEFAULT http://www.finnie.org/software/2ping/
* 3proxy DEFAULT http://www.3proxy.ru/download/
* 64tass DEFAULT SF-DEFAULT:tass64
```

A

```
* a2ps DEFAULT GNU-DEFAULT
* abcde DEFAULT GOOGLE-DEFAULT
* abcm2ps abcm2ps-(.*)\.tar\.gz http://moinejf.free.fr/
* abduco DEFAULT http://www.brain-dump.org/projects/abduco/
* abiword >{[.0-9]+?}< http://www.abisource.com/downloads/abiword/
* abi-compliance-checker DEFAULT http://ispras.linuxbase.org/index.php/ABI_compl
* abi-dumper GITHUB-TAGS GITHUB-TAGS:lvc/abi-dumper
* abook abook-(0.*?)\.tar\.gz http://abook.sourceforge.net/
* access-modifier-annotation GITHUB-TAGS GITHUB-TAGS:kohsuke/access-modifier
* accumulo accumulo-(.*?)\.src\.tar\.gz http://www.apache.org/dist/accumulo/*/
* ack DEFAULT CPAN-DEFAULT
* acl DEFAULT http://download.savannah.gnu.org/releases-noredirect/acl/
* acpi DEFAULT SF-DEFAULT:acpiclient
* acpica-tools DEFAULT:acpica-unix http://www.acpica.org/downloads
* acpid DEFAULT http://sourceforge.net/projects/acpid2/
* acpitool DEFAULT SF-DEFAULT
* adcli DEFAULT http://www.freedesktop.org/software/realmd/releases/
* adf-accanthis-fonts (?s)>\s*Accanthis-Std.*?>{\d+\.\d+} http://arkandis.tuxfam
* adjtimex DEFAULT DEBIAN-DEFAULT
* adanaxisgpl DEFAULT http://www.mushware.com/files/
* adns DEFAULT GNU-DEFAULT
* adonthehell >adonthehell(?:-src)?-[0-9][\w.]*?\.tar\.gz< http://download.savannah.
* advancecomp DEFAULT http://advancemame.sourceforge.net/comp-download.html
* afpfs-ng DEFAULT SF-DEFAULT
* Agda HACKAGE-DEFAULT HACKAGE-DEFAULT
* ahcpd ahcpd-([0-9.]*?)\.tar\.gz http://www.pps.univ-paris-diderot.fr/~jch/softwa
* aime DEFAULT SF-DEFAULT:aime-embedded
* aircrack-ng aircrack-ng-(.*?)\.tar\.gz http://download.aircrack-ng.org/
* alex HACKAGE-DEFAULT HACKAGE-DEFAULT
* alglib alglib-(.*?)\.cpp\.tgz http://www.alglib.net/translator/re/
* alltray DEFAULT https://edge.launchpad.net/alltray/old-maintenance
* alpine DEFAULT http://patches.freeiz.com/alpine/release/index.html
* alsa-utils DEFAULT ftp://ftp.alsa-project.org/pub/utils/
* alsa-lib DEFAULT ftp://ftp.alsa-project.org/pub/lib/
* alsa-tools DEFAULT ftp://ftp.alsa-project.org/pub/tools/
* alsa-firmware DEFAULT ftp://ftp.alsa-project.org/pub/firmware/
* alsa-plugins DEFAULT ftp://ftp.alsa-project.org/pub/plugins/
* altermime DEFAULT http://www.pldaniels.com/altermime/
* akuma GITHUB-TAGS GITHUB-TAGS:kohsuke/akuma
* amavisd-new amavisd-new-([0-9.]*?)\.tar\.xz http://www.ijs.si/software/amavisd/
* amiri-fonts DEFAULT:amiri SF-DEFAULT:amiri
* amprd DEFAULT http://www.yo2loj.ro/hamprojects/
* ampr-ripd DEFAULT http://www.yo2loj.ro/hamprojects/
* anet DEFAULT:libanet http://www.codelabs.ch/download/
```

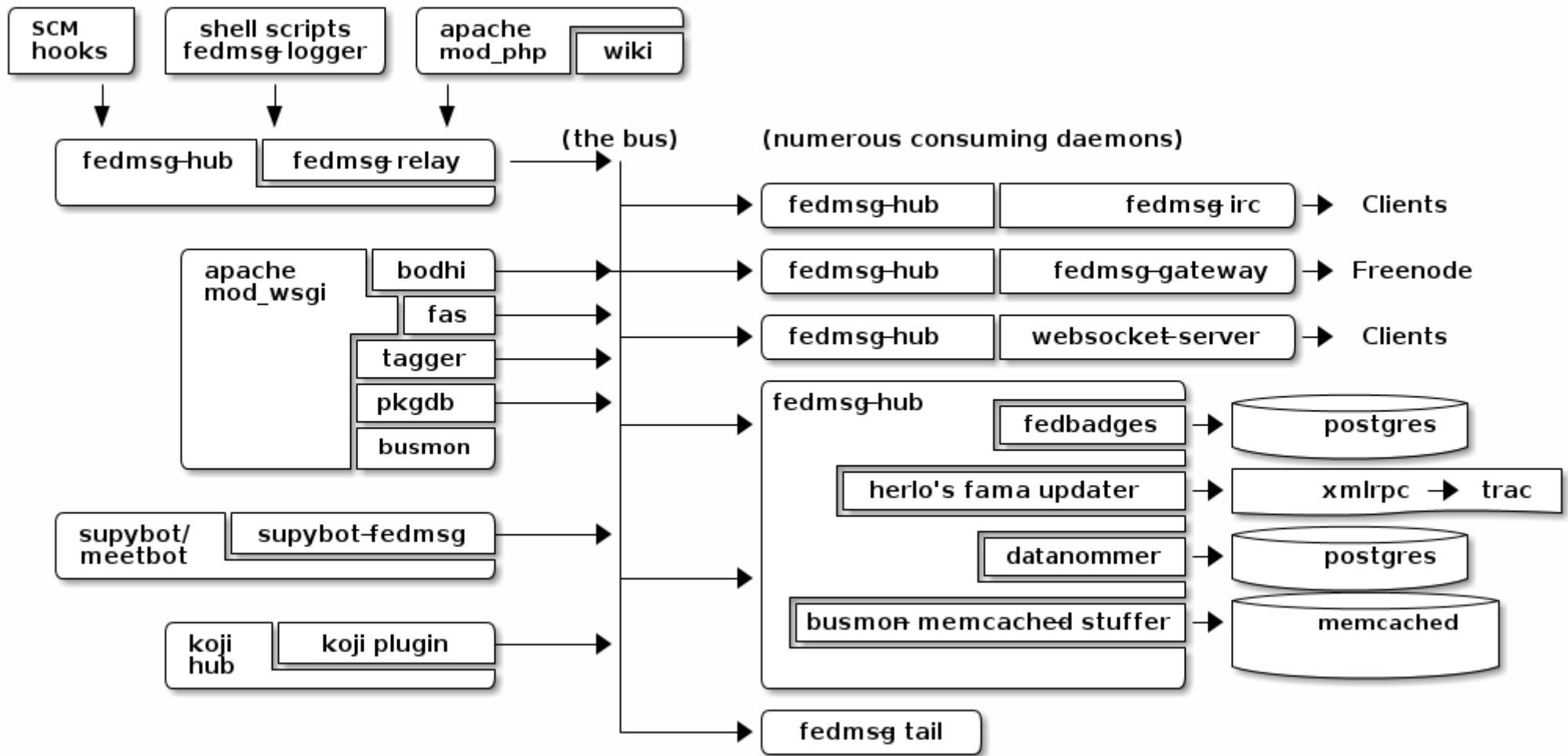
Quel est le problème ?

- Problème générique \Leftrightarrow Solution spécifique
- L'IHM craint !
- Pas d'intégration avec fedmsg

fedmsg

- Federated Message bus
- Basé sur zeromq
- Générique
 - Fedora
 - Debian
 - <https://wiki.debian.org/FedMsg>
 - Data.gouv.fr
 - <http://ur1.ca/iiabc>
 - [http://wiki.data.gouv.fr/wiki/Flux_temps_réel_des_données_Data.gouv.fr](http://wiki.data.gouv.fr/wiki/Flux_temps_r%C3%A9el_des_donn%C3%A9es_Data.gouv.fr)

Topologie de fedmsg



Anitya

- Sanskrit pour le concept bouddhiste de *l'impermanence*
- Générique
- Application web + tâche cron
- Système de plugins
- Crowd-based
 - OpenID

Anitya (2)

- Ajouter des projets
- Lier des projets à des distros
 - (ou pas)
- Tester le backend/la regex
- Surveiller fedmsg

- Démo:

<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 5320 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*).

Search projects

« 1 / 8 »

python- Search

- Fedora
- Google
- Yahoo
- Other OpenID

353 projects found

AddOns	https://pypi.python.org/pypi/AddOns
alembic	https://pypi.python.org/pypi/alembic
alexz-enwp/wikitoools	https://github.com/alexz-enwp/wikitoools
amqp	https://pypi.python.org/pypi/amqp
andialbrecht/sqlparse	https://github.com/andialbrecht/sqlparse
ansi2html	https://pypi.python.org/pypi/ansi2html
anykeystore	https://pypi.python.org/pypi/anykeystore
apsw	http://code.google.com/p/apsw
argcomplete	https://pypi.python.org/pypi/argcomplete
arrow	http://crsmithdev.com/arrow

Project: alembic

alembic

[Edit](#)

Latest version(s):

- 0.6.7

[Check now](#)

Homepage:

<https://pypi.python.org/pypi/alembic>

Backend:

pypi

Whoah..

Delete this project all-together?

[Delete](#)

Mappings

Distribution	Package name		
Fedora	python-alembic	Edit	Delete

[Add new distribution mapping](#)

Logs

Version retrieved correctly



Project: alembic

Distribution

Package name

[+ Add mapping project](#)

[Cancel](#)

Getting started with anitya and fedmsg

[fedmsg](#) is a message bus. In other words it is a system that allows for the sending and receiving of notifications between applications. For anitya, every action made on the application is announced/broadcasted on this bus, allowing anyone listening to it to act immediately instead of (for example) polling hourly all the data, looking for changes, and acting then.

To start receiving [fedmsg](#) messages from anitya, it is as simple as:

- install [fedmsg](#) the way you want:

On Fedora

```
yum install fedmsg
```

On Debian

```
apt-get install fedmsg
```

Via pip

```
pip install fedmsg
```

- in the configuration file: `/etc/fedmsg.d/endpoints.py`, make sure you activate the anitya endpoint

```
"anitya-public-relay": [  
    "tcp://release-monitoring.org:9940",  
],
```

From python

```
import fedmsg  
  
# Yield messages as they're available from a generator  
for name, endpoint, topic, msg in fedmsg.tail_messages()  
:  
    print topic, msg
```

Form the shell

```
$ fedmsg-tail --really-pretty
```

```
[2014-10-24 09:24:06][    fedmsg    INFO]
{
  "username": "apache",
  "i": 34,
  "timestamp": 1414135446,
  "msg_id": "2014-c44bb845-9c00-4053-950a-296f10cfab59",
  "crypto": "x509",
  "topic": "org.release-monitoring.prod.anitya.project.edit",
  "msg": {
    "project": {
      "regex": "version: \"([\\d\\.\\-]*)\"",
      "name": "hawler",
      "created_on": 1412175093.0,
      "version": null,
      "version_url": "http://spoofed.org/files/hawler/yaml",
      "updated_on": 1414135435.0,
      "homepage": "http://rubygems.org/gems/hawler",
      "id": 4254,
      "backend": "custom"
    },
    "message": {
      "project": "hawler",
      "fields": [
        "regex"
      ],
      "agent": "pingou@fedoraproject.org"
    },
    "distro": null
  }
}
```



```
[2014-10-24 09:24:08][ fedmsg INFO]
{
  "username": "apache",
  "i": 35,
  "timestamp": 1414135447,
  "msg_id": "2014-7a963736-a40c-4ea0-93a2-7e73e0385b94",
  "crypto": "x509",
  "topic": "org.release-monitoring.prod.anitya.project.version.update",
  "msg": {
    "project": {
      "regex": "version: \"([\\d\\.\\.\\.]*?)\"",
      "name": "hawler",
      "created_on": 1412175093.0,
      "version": "0.4",
      "version_url": "http://spooferd.org/files/hawler/yaml",
      "updated_on": 1414135447.0,
      "homepage": "http://rubygems.org/gems/hawler",
      "id": 4254,
      "backend": "custom"
    },
    "message": {
      "versions": [
        "0.4"
      ],
      "old_version": "",
      "upstream_version": "0.4",
      "project": {
        "regex": "version: \"([\\d\\.\\.\\.]*?)\"",
        "name": "hawler",
        "created_on": 1412175093.0,
        "version": "0.4",
        "version_url": "http://spooferd.org/files/hawler/yaml",
        "updated_on": 1414135447.0,
        "homepage": "http://rubygems.org/gems/hawler",
        "id": 4254,
        "backend": "custom"
      },
      "agent": "anitya",
      "packages": [
        {
          "package_name": "rubygem-hawler",
          "distro": "Fedora"
        }
      ]
    },
    "distro": null
  }
}
```

Venez voir :
<https://release-monitoring.org>

Questions ?



Contact:

pingou@fedoraproject.org