
Kaji Documentation

Release 0.2

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What is Kaji?

Roughly, Kaji is just a bundle of monitoring packages.

The main goal of Kaji is to provide a simple and complete monitoring solution based on Shinken and Adagios.

Kaji will provide packages on :

- CentOS
- Debian
- Red Hat
- Ubuntu

1.1 Kaji components

For now (version 0.2), Kaji is composed by:

- Shinken (2.0.3)
- Adagios (1.6.1)
- Pynag (0.9.1)
- Nagvis (1.7.10)
- Grafana (1.8.1)
- InfluxDB (lastest)

Releases and Roadmap

2.1 Done

2.1.1 Version 0.1

- Deb packages (Ubuntu/Debian compatible)
- Shinken 2.0.2
- Adagios 1.3.0
- Pnp4Nagios 0.6.21
- Pynag 0.7.0

2.2 Work in Progress

2.2.1 Version 0.2

- Adagios
- Nagvis
- Shinken
- Grafana
- InfluxDB
- Rekish
- DEB repository (OBS will be used only for building)

2.3 Planned

2.3.1 Version 0.3

- RPM packages (Red Hat/CentOS compatible)
- RPM repository (OBS will be used only for building)

- Update softwares

2.3.2 Version 0.4

- Better Adagios/Nagvis integration
- Better Adagios/Grafana integration
- Better Shinken/Adagios integration
- Update softwares

2.4 What we expect in Version 1.0

- Deb packages (Ubuntu/Debian compatible)
- RPM packages (Red Hat/CentOS compatible)
- Adagios
- Nagvis
- Shinken
- Grafana
- InfluxDB
- Rekishi

Installation

3.1 Ubuntu 14.04

You can add the repository key to apt. Keep in mind that the owner of the key may distribute updates, packages and repositories that your system will trust (more information). To add the key, run:

```
sudo sh -c 'gpg --recv-keys --keyserver pgp.mit.edu 2320E8F8 && gpg --export --armor 2320E8F8 | apt-
```

For xUbuntu 14.04 run the following:

```
sudo sh -c "echo 'deb http://deb.kaji-project.org/ubuntu14.04/ amakuni main' >> /etc/apt/sources.list"
sudo apt-get update
sudo apt-get install kaji
```

3.2 Debian 7.0

You can add the repository key to apt. Keep in mind that the owner of the key may distribute updates, packages and repositories that your system will trust (more information). To add the key, run **as root**:

```
gpg --recv-keys --keyserver pgp.mit.edu 2320E8F8 && gpg --export --armor 2320E8F8 | apt-key add -
```

For Debian 7.0 run the following **as root**:

```
echo 'deb http://deb.kaji-project.org/debian7/ amakuni main' >> /etc/apt/sources.list.d/kaji.list
apt-get update
apt-get install kaji
```

3.3 CentOS

Planned

3.4 Red Hat

Planned

Quick start

After the *Installation* you just have to go with your favorite browser to <http://myserveraddress>. And use the following credentials:

user kaji

password kaji

How to contribute

5.1 How does it work

Kaji is downstream to Debian, just like Ubuntu. The packages listed here in `packages/` contain 2 branches: `* master`, which tracks the Debian package on Alioth, `* kaji`, which adds our patches.

With a correct remote set up to track Alioth, it's easy to get the last Debian version of the package, and by rebasing `kaji` on `master` from time to time, it's easy to upgrade our Kaji packages.

Here's a well set-up configuration for the package `shinken-mod-livestatus`:

```
$ git remote -v
origin    git@github.com:kaji-project/shinken-mod-livestatus.git (fetch)
origin    git@github.com:kaji-project/shinken-mod-livestatus.git (push)
upstream  https://alioth.debian.org/anonscm/git/pkg-shinken/shinken-mod-livestatus.git (fetch)
upstream  https://alioth.debian.org/anonscm/git/pkg-shinken/shinken-mod-livestatus.git (push)
```

5.2 Workflows

5.2.1 Get dev environment

To get dev environment, you need to clone the `kaji-project` repository and all submodules:

```
$ git clone git@github.com:kaji-project/kaji-project.git --recursive
$ cd meta
$ ./tools/add_upstream_branches.sh
$ make dev_env
```

5.2.2 Add a package

Create repo `MY-PACKAGE` on GitHub and on openSUSE Build Service

```
$ git submodule add git@github.com:kaji-project/shinken-mod-influxdb.git packages/shinken-mod-influxdb
$ cd packages/shinken-mod-influxdb
$ git remote add upstream https://alioth.debian.org/anonscm/git/pkg-shinken/shinken-mod-influxdb.git
$ git fetch --all
$ git reset --hard upstream/master
$ git push -u origin master
$ git checkout -b kaji
```

```
$ export QUILT_PATCHES=debian/patches
$ quilt push -a
```

Do your modifications, be sure to use quilt, commit them

```
$ quilt pop -a
$ export DEBFULLNAME='Your name'
$ export DEBEMAIL='yourem@il.address'
$ dch [--no-auto-nmu]
```

Be sure to use a correct version number and to describe your changes.

```
$ git push origin kaji
```

Then commit the submodule on the meta repository

```
$ cd ../../
$ git submodule add git@github.com:kaji-project/shinken-mod-influxdb.git packages/shinken-mod-influxdb
$ git add packages/shinken-mod-influxdb
$ git commit -m "Add shinken-mod-influxdb repo"
$ git push origin master
```

Add the upstream repository in file `tools/add_upstream_branches.sh` like this:

```
# shinken-mod-influxdb
cd ${BASEDIR}/packages/shinken-mod-influxdb
git remote add upstream https://alioth.debian.org/anonscm/git/pkg-shinken/shinken-mod-influxdb.git
```

5.2.3 Get a new package (new submodule)

If you already have the meta repository and you need to get a new submodule:

```
$ git submodule update --init packages/NEWSUBMODULE
```

5.2.4 Update a package

Sync a package (submodule) with the new upstream (debian) version. Example with Shinken:

```
$ cd packages/shinken
$ git remote add upstream https://alioth.debian.org/anonscm/git/pkg-shinken/shinken.git
$ git checkout master
$ git fetch --all
$ git reset --hard upstream/master
$ git push origin master
$ git checkout kaji
$ git merge master
$ git push origin kaji
```

Then commit the submodule on the meta repository

```
$ cd ../../
$ git add packages/shinken
$ git commit -m "Update Shinken repo"
$ git push origin master
```

5.2.5 Build packages

All packages

```
$ make packages
```

One specific package

If you want to build only one package (ie adagios)

```
$ tools/make-packages.sh adagios
```

5.2.6 Send packages to openSUSE Build Service

All packages

```
$ make obs
```

One specific package

If you want to send to OBS only one package (ie adagios)

```
$ tools/update-obs-packages.sh adagios
```

5.3 References

- <https://people.debian.org/~calvin/unofficial/>

6.1 Packaging

6.1.1 Grafana

- Doc: How to handle upstream update (for packaging)

6.2 Integration

6.2.1 Adagios

- Show logs
- Hide debug tab in host/service view
- Hide experimental
- In apache conf prepare Active directory config (one for / and one for /objectbrowser)

To fix in Adagios

Configs have changed. You need to reload for changes to take effect.

- Adagios check the timestamps of `/var/lib/shinken/objects.cache`
- see here : `Parsers/__init__.py: def needs_reload(self):`

BUG TOP alert producer

- `update_top_alert_producers()` failed
- It seems the same bug as logs bug (see below)

Use LiveStatus or InfluxDB to get logs

In Pynag: `./Parsers/__init__.py`

- Check “class LogFiles”
- And method “get_log_entries”

And Check

- state_history
- Log
- Comments
- Downtimes
- Acknowledgements
- host/history
- service/history
- update_top_alert_producers

6.2.2 Kaji

Which tools we could/should put in suggests/recommends/deps

Recommends

- vim

Suggests

- sqlite3
- nmap
- tcpdump

Known Issues

None for now.

Kaji package list

| package-name | centos6::x86_64 | centos7::x86_64 | debian7::amd64 | debian8::amd64 | ubuntu12.04::amd64 | ubuntu14.04::amd64 |
|--------------------------|---|---|--|--|--|--|
| shinken | N/A | N/A | version: 2.2 release: 1.5kaji0.2 arch: all src : None | version: 2.2 release: 1.5kaji0.2 arch: all src : None | version: 2.2 release: 1.5kaji0.2 arch: all src : None | version: 2.2 release: 1.5kaji0.2 arch: all src : None |
| shinken-common | version: 2.2 release: 1.5kaji0.2 arch: noarch src : None | version: 2.2 release: 1.5kaji0.2 arch: noarch src : None | version: 2.2 release: 1.5kaji0.2 arch: all src : None | version: 2.2 release: 1.5kaji0.2 arch: all src : None | version: 2.2 release: 1.5kaji0.2 arch: all src : None | version: 2.2 release: 1.5kaji0.2 arch: all src : None |
| shinken-core | N/A | N/A | version: 2.2 release: 1.5kaji0.2 arch: all src : None | version: 2.2 release: 1.5kaji0.2 arch: all src : None | version: 2.2 release: 1.5kaji0.2 arch: all src : None | version: 2.2 release: 1.5kaji0.2 arch: all src : None |
| shinken-doc | version: 2.2 release: 1.5kaji0.2 arch: noarch src : None | version: 2.2 release: 1.5kaji0.2 arch: noarch src : None | version: 2.2 release: 1.5kaji0.2 arch: all src : None | version: 2.2 release: 1.5kaji0.2 arch: all src : None | version: 2.2 release: 1.5kaji0.2 arch: all src : None | version: 2.2 release: 1.5kaji0.2 arch: all src : None |
| shinken-mod-booster-nrpe | version: 1.4.1 release: 2kaji0.2 arch: noarch src : 1.4.1 | version: 1.4.1 release: 2kaji0.2 arch: noarch src : 1.4.1 | version: 1.4.1 release: 2kaji0.2 arch: all src : None | version: 1.4.1 release: 3kaji0.2 arch: all src : None | version: 1.4.2 release: 1kaji0.2 arch: all src : None | version: 1.4.1 release: 3kaji0.2 arch: all src : None |
| shinken-mod-graphite | N/A | N/A | version: 2.0.1 release: 1 arch: all src : None | version: 2.0.1 release: 1 arch: all src : None | version: 2.0.1 release: 1 arch: amd64 src : None | version: 2.0.1 release: 1 arch: all src : None |
| shinken-mod-influxdb | version: 0.8 release: 2kaji0.2 arch: noarch src : 0.8 | version: 0.8 release: 2kaji0.2 arch: noarch src : 0.8 | version: 0.8 release: 2kaji0.2 arch: all src : None | version: 0.8 release: 2kaji0.2 arch: all src : None | version: 0.8 release: 2kaji0.2 arch: all src : None | version: 0.8 release: 2kaji0.2 arch: all src : None |
| shinken-mod-livestatus | version: 1.4.1 release: 1kaji0.2 | version: 1.4.1 release: 1kaji0.2 | version: 1.4.1 release: | version: 1.4.1 release: | version: 1.4.1 release: | version: 1.4.1 release: |
| 18 | arch: noarch src : 1.4.1 | arch: noarch src : 1.4.1 | 1kaji0.2 arch: all src : None | 1kaji0.2 arch: all src : None | 1kaji0.2 arch: all src : None | 1kaji0.2 arch: all src : None |
| shinken-mod- | version: 1.4.1 release: | version: 1.4.1 release: | version: 1.4.1 | version: 1.4.1 | version: 1.4.1 | version: 1.4.1 |

| package-name | debian7::amd64 | ubuntu12.04:: |
|---|---|---|
| monitoring-plugins-sfl-check-amt-montreal | version: 2014.7.17.9.36 release: 1 arch: all src : None | version: 2014.7.17.9.36 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-arp-no-change | version: 2014.9.25.14.24 release: 1 arch: all src : None | version: 2014.9.25.14.24 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-asterisk-cdr-status | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-aws-sqs-activity | version: 2014.8.4.10.13 release: 1 arch: all src : None | version: 2014.8.4.10.13 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-aws-sqs-queue-size | version: 2014.8.4.12.23 release: 1 arch: all src : None | version: 2014.8.4.12.23 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-bixi-montreal | version: 2014.7.17.16.37 release: 1 arch: all src : None | version: 2014.7.17.16.37 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-brother-toner-level | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-carp-by-ssh | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-ceilometer | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-cpu | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-emergency-rooms-quebec | version: 2014.7.18.9.51 release: 1 arch: all src : None | version: 2014.7.18.9.51 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-environment-canada | version: 2014.7.18.10.45 release: 1 arch: all src : None | version: 2014.7.18.10.45 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-fake | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-graphite-api | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-http2 | version: 2014.7.18.16.15 release: 1 arch: all src : None | version: 2014.7.18.16.15 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-hydro-quebec | version: 2014.9.9.11.48 release: 1 arch: all src : None | version: 2014.9.9.11.48 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-json-by-ec2-tags | version: 2014.8.1.14.51 release: 1 arch: all src : None | version: 2014.8.1.14.51 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-libvirt-stats | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-linux-bandwidth | version: 2014.11.4.9.42 release: 1 arch: all src : None | version: 2014.11.4.9.42 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-linux-traffic | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-mem | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-mpt-status | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-openbsd-sysstats-byssh | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-openerp | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-poller2livestatus | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-postgresql-lag | version: 2014.11.14.17.3 release: 1 arch: all src : None | version: 2014.11.14.17.3 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-printer-hp-2600n | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-quebecrencontrescom | version: 2014.7.18.12.24 release: 1 arch: all src : None | version: 2014.7.18.12.24 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-rancid | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-reactionner-health | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-redis | version: 2014.10.30.10.42 release: 1 arch: all src : None | version: 2014.10.30.10.42 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-reseaucontactcom | version: 2014.7.18.14.29 release: 1 arch: all src : None | version: 2014.7.18.14.29 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-samba | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-selenium | version: 2014.8.1.10.36 release: 1 arch: all src : None | version: 2014.8.1.10.36 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-site-health | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-smtp-success-ratio | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-snmp-interface | version: 2014.11.17.11.1 release: 1 arch: all src : None | version: 2014.11.17.11.1 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-spa2102 | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-stm-metro-montreal | version: 2014.7.18.11.16 release: 1 arch: all src : None | version: 2014.7.18.11.16 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-triplite-ups | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-wanpipe | version: 2014.07.14.10.32 release: 1 arch: all src : None | version: 2014.07.14.10.32 release: 1 arch: all src : None |
| monitoring-plugins-sfl-check-x224 | version: 2014.9.17.10.45 release: 1 arch: all src : None | version: 2014.9.17.10.45 release: 1 arch: all src : None |

| package-name | centos7::x86_64 | debian7::amd64 | ubuntu12.04::amd64 | ubuntu14.04::amd64 |
|---|-----------------|---|---|---|
| monitoring-packs-sfl-generic-carbon-tcp | N/A | version: 2014.07.15.10.11 release: 1 arch: all src : None | version: 2014.07.15.10.11 release: 1 arch: all src : None | version: 2014.07.15.10.11 release: 1 arch: all src : None |
| monitoring-packs-sfl-generic-dhcp | N/A | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None |
| monitoring-packs-sfl-generic-dns | N/A | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None |
| monitoring-packs-sfl-generic-graphite-http | N/A | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None |
| monitoring-packs-sfl-generic-host | N/A | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None |
| monitoring-packs-sfl-generic-ldap | N/A | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None |
| monitoring-packs-sfl-generic-mongoddb | N/A | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None |
| monitoring-packs-sfl-generic-multisite-http | N/A | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None |
| monitoring-packs-sfl-generic-radius | N/A | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None |
| monitoring-packs-sfl-generic-repodeb-http | N/A | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None |
| monitoring-packs-sfl-generic-saltmaster-tcp | N/A | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None | version: 2014.07.15.10.15 release: 1 arch: all src : None |
| 20 monitoring-packs-sfl-generic-smb | N/A | version: 2014.07.15.10.15 release: 1 arch: all | version: 2014.07.15.10.15 release: 1 arch: all | version: 2014.07.15.10.15 release: 1 arch: all |

| package-name | centos6::x86_64 | centos7::x86_64 | debian7::amd64 | ubuntu12.04::amd64 | ubuntu14.04::amd64 |
|-----------------|--|---|--|---|--|
| adagios | version: 1.6.1 release: 2kaji0.2 arch: noarch src : 1.6.1 | version: 1.6.1 release: 2kaji0.2 arch: noarch src : 1.6.1 | version: 1.6.1 release: 2kaji0.2 arch: all src : None | version: 1.6.1 release: 2kaji0.2 arch: all src : None | version: 1.6.1 release: 2kaji0.2 arch: all src : None |
| grafana | version: 1.9.0 release: 1kaji0.2 arch: noarch src : 1.9.0 | version: 1.9.0 release: 1kaji0.2 arch: noarch src : 1.9.0 | version: 1.9.0 release: 1kaji0.2 arch: all src : None | version: 1.9.0 release: 1kaji0.2 arch: all src : None | version: 1.9.0 release: 1kaji0.2 arch: all src : None |
| grafana-admin | N/A | version: 1.9.0 release: 1kaji0.2 arch: noarch src : None | N/A | version: 1.9.0 release: 1kaji0.2 arch: all src : None | version: 1.9.0 release: 1kaji0.2 arch: all src : None |
| influxdb | version: 0.8.8 release: 1 arch: x86_64 src : None | N/A | version: 1.9.0 release: 1kaji0.2 arch: amd64 src : None | N/A | version: 1.9.0 release: 1kaji0.2 arch: amd64 src : None |
| influxdb-python | version: 0.1.12 release: 1kaji0.2 arch: noarch src : 0.1.12 | version: 0.1.12 release: 1kaji0.2 arch: noarch src : 0.1.12 | N/A | N/A | N/A |
| kaji | version: 0.1.99.9 release: 1beta1 arch: noarch src : 0.1.99.9 | N/A | version: 0.1.99.9 release: 1beta1 arch: all src : None | version: 0.1.99.10 release: 1beta1 arch: all src : None | version: 0.1.99.10 release: 2beta1 arch: all src : None |
| kaji-scripts | N/A | version: 0.1.99.9 release: 1beta1 arch: noarch src : None | N/A | version: 0.1.99.10 release: 1beta1 arch: all src : None | version: 0.1.99.10 release: 2beta1 arch: all src : None |
| nagvis | N/A | version: 1.7.10 release: 1kaji0.2 arch: noarch src : 1.7.10 | version: 1:1.7.10+dfsg1 release: 3~deb- mon70+1kaji0.2 arch: all src : None | version: 1:1.7.10 release: 2kaji0.2 arch: all src : None | version: 1:1.7.10+dfsg1 release: 3~deb- mon70+1kaji0.2 arch: all src : None |
| nagvis-demos | N/A | N/A | version: 1:1.7.10+dfsg1 release: 3~deb- mon70+1kaji0.2 arch: all src : None | version: 1:1.7.10 release: 2kaji0.2 arch: all src : None | version: 1:1.7.10+dfsg1 release: 3~deb- mon70+1kaji0.2 arch: all src : None |
| ok-config | N/A | N/A | version: 1.2.3 release: 1 arch: all src : None | N/A | version: 1.2.3 release: 1 arch: all src : None |
| pynag | version: 0.9.1 release: 1kaji0.2 arch: noarch src : 0.9.1 | version: 0.9.1 release: 1kaji0.2 arch: noarch src : 0.9.1 | version: 0.9.1 release: 1kaji0.2 arch: all src : None | version: 0.9.1 release: 1kaji0.2 arch: all src : None | version: 0.9.1 release: 1kaji0.2 arch: all src : None |
| pynag-examples | version: 0.9.1 release: 1kaji0.2 arch: noarch | version: 0.9.1 release: 1kaji0.2 | N/A | N/A | N/A |