

## Pulp - Issue #1377

### Two different kombu versions are shown in default vagrant environment

11/16/2015 11:28 PM - bmbouter

<b>Status:</b>	CLOSED - CURRENTRELEASE	<b>Start date:</b>	
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	jcline@redhat.com	<b>Estimated time:</b>	0:00 hour
<b>Category:</b>			
<b>Sprint/Milestone:</b>			
<b>Severity:</b>	2. Medium	<b>Groomed:</b>	No
<b>Version:</b>		<b>Sprint Candidate:</b>	No
<b>Platform Release:</b>		<b>Tags:</b>	Pulp 2
<b>OS:</b>	Fedora 22	<b>Sprint:</b>	
<b>Triaged:</b>	Yes	<b>Quarter:</b>	

**Description**

I install the vanilla vagrant as described here: [https://github.com/pulp/pulp/blob/master/docs/dev-guide/contributing/dev\\_setup.rst](https://github.com/pulp/pulp/blob/master/docs/dev-guide/contributing/dev_setup.rst)

Then while in my vagrant environment, see two different versions of kombu installed. One with RPM and the other via pip. Consider this snippet:

```
[vagrant@dev ~]$ sudo rpm -qa | grep kombu
python-kombu-3.0.24-10.pulp.fc22.noarch
[vagrant@dev ~]$ pip freeze | grep kombu
You are using pip version 6.0.8, however version 7.1.2 is available.
You should consider upgrading via the 'pip install --upgrade pip' command.
kombu==3.0.29
[vagrant@dev ~]$ workon pulp
(pulp)[vagrant@dev pulp]$ pip freeze | grep kombu
You are using pip version 6.0.8, however version 7.1.2 is available.
You should consider upgrading via the 'pip install --upgrade pip' command.
kombu==3.0.29
```

I believe the 3.0.24 version from rpm is actually in use. Consider this snippet:

```
>>> import kombu
>>> kombu.__version__
'3.0.24'
```

#### Associated revisions

##### Revision 8cc64c3c - 11/24/2015 03:25 PM - Jeremy Cline

Remove flower from the vagrant environment.

closes #1377

##### Revision 8cc64c3c - 11/24/2015 03:25 PM - Jeremy Cline

Remove flower from the vagrant environment.

closes #1377

#### History

##### #1 - 11/20/2015 04:53 PM - mhrivnak

- Triaged changed from No to Yes

##### #2 - 11/20/2015 05:45 PM - rbarlow

- Priority changed from Normal to High

I think it is not the 3.0.24 version that is in use actually, because I think the two versions have been installed into the same location, one overwriting

the other. I believe this issue might be the true cause of the disappearing workers in the development environment. When I remove the python-kombu RPM, there are still lingering files from the pip install. I propose raising the priority on this, but I don't have time ATM to find out why this is happening. Check this weirdness out:

```
[vagrant@dev ~]$ rpm -qa | grep kombu
python-kombu-3.0.24-10.pulp.fc22.noarch
[vagrant@dev ~]$ python
Python 2.7.10 (default, Sep 24 2015, 17:50:09)
[GCC 5.1.1 20150618 (Red Hat 5.1.1-4)] on linux2
Type "help", "copyright", "credits" or "license" for more information.
>>> import kombu
>>> kombu.__version__
'3.0.24'
>>> kombu.__file__
'/usr/lib/python2.7/site-packages/kombu/__init__.pyc'
>>>
[vagrant@dev ~]$ sudo pip install --uninstall kombu
```

#### Usage:

```
pip install [options] <requirement specifier> [package-index-options] ...
pip install [options] -r <requirements file> [package-index-options] ...
pip install [options] [-e] <vcs project url> ...
pip install [options] [-e] <local project path> ...
pip install [options] <archive url/path> ...
```

no such option: --uninstall

```
[vagrant@dev ~]$ sudo pip uninstall kombu
You are using pip version 6.0.8, however version 7.1.2 is available.
You should consider upgrading via the 'pip install --upgrade pip' command.
```

Uninstalling kombu-3.0.29:

```
/usr/lib/python2.7/site-packages/kombu-3.0.29.dist-info/DESCRIPTION.rst
/usr/lib/python2.7/site-packages/kombu-3.0.29.dist-info/METADATA
/usr/lib/python2.7/site-packages/kombu-3.0.29.dist-info/RECORD
/usr/lib/python2.7/site-packages/kombu-3.0.29.dist-info/WHEEL
/usr/lib/python2.7/site-packages/kombu-3.0.29.dist-info/metadata.json
/usr/lib/python2.7/site-packages/kombu-3.0.29.dist-info/top_level.txt
/usr/lib/python2.7/site-packages/kombu/__init__.py
/usr/lib/python2.7/site-packages/kombu/__init__.pyc
/usr/lib/python2.7/site-packages/kombu/abstract.py
/usr/lib/python2.7/site-packages/kombu/abstract.pyc
/usr/lib/python2.7/site-packages/kombu/async/__init__.py
/usr/lib/python2.7/site-packages/kombu/async/__init__.pyc
/usr/lib/python2.7/site-packages/kombu/async/debug.py
/usr/lib/python2.7/site-packages/kombu/async/debug.pyc
/usr/lib/python2.7/site-packages/kombu/async/hub.py
/usr/lib/python2.7/site-packages/kombu/async/hub.pyc
/usr/lib/python2.7/site-packages/kombu/async/semaphore.py
/usr/lib/python2.7/site-packages/kombu/async/semaphore.pyc
/usr/lib/python2.7/site-packages/kombu/async/timer.py
/usr/lib/python2.7/site-packages/kombu/async/timer.pyc
/usr/lib/python2.7/site-packages/kombu/clocks.py
/usr/lib/python2.7/site-packages/kombu/clocks.pyc
/usr/lib/python2.7/site-packages/kombu/common.py
/usr/lib/python2.7/site-packages/kombu/common.pyc
/usr/lib/python2.7/site-packages/kombu/compat.py
/usr/lib/python2.7/site-packages/kombu/compat.pyc
/usr/lib/python2.7/site-packages/kombu/compression.py
/usr/lib/python2.7/site-packages/kombu/compression.pyc
/usr/lib/python2.7/site-packages/kombu/connection.py
/usr/lib/python2.7/site-packages/kombu/connection.pyc
/usr/lib/python2.7/site-packages/kombu/entity.py
/usr/lib/python2.7/site-packages/kombu/entity.pyc
/usr/lib/python2.7/site-packages/kombu/exceptions.py
/usr/lib/python2.7/site-packages/kombu/exceptions.pyc
/usr/lib/python2.7/site-packages/kombu/five.py
/usr/lib/python2.7/site-packages/kombu/five.pyc
/usr/lib/python2.7/site-packages/kombu/log.py
/usr/lib/python2.7/site-packages/kombu/log.pyc
/usr/lib/python2.7/site-packages/kombu/message.py
/usr/lib/python2.7/site-packages/kombu/message.pyc
/usr/lib/python2.7/site-packages/kombu/messaging.py
/usr/lib/python2.7/site-packages/kombu/messaging.pyc
/usr/lib/python2.7/site-packages/kombu/mixins.py
/usr/lib/python2.7/site-packages/kombu/mixins.pyc
/usr/lib/python2.7/site-packages/kombu/pidbox.py
```

/usr/lib/python2.7/site-packages/kombu/pidbox.pyc  
/usr/lib/python2.7/site-packages/kombu/pools.py  
/usr/lib/python2.7/site-packages/kombu/pools.pyc  
/usr/lib/python2.7/site-packages/kombu/serialization.py  
/usr/lib/python2.7/site-packages/kombu/serialization.pyc  
/usr/lib/python2.7/site-packages/kombu/simple.py  
/usr/lib/python2.7/site-packages/kombu/simple.pyc  
/usr/lib/python2.7/site-packages/kombu/syn.py  
/usr/lib/python2.7/site-packages/kombu/syn.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/\_\_init\_\_.py  
/usr/lib/python2.7/site-packages/kombu/tests/\_\_init\_\_.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/async/\_\_init\_\_.py  
/usr/lib/python2.7/site-packages/kombu/tests/async/\_\_init\_\_.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/async/test\_hub.py  
/usr/lib/python2.7/site-packages/kombu/tests/async/test\_hub.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/async/test\_semaphore.py  
/usr/lib/python2.7/site-packages/kombu/tests/async/test\_semaphore.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/case.py  
/usr/lib/python2.7/site-packages/kombu/tests/case.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/mocks.py  
/usr/lib/python2.7/site-packages/kombu/tests/mocks.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/test\_clocks.py  
/usr/lib/python2.7/site-packages/kombu/tests/test\_clocks.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/test\_common.py  
/usr/lib/python2.7/site-packages/kombu/tests/test\_common.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/test\_compat.py  
/usr/lib/python2.7/site-packages/kombu/tests/test\_compat.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/test\_compression.py  
/usr/lib/python2.7/site-packages/kombu/tests/test\_compression.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/test\_connection.py  
/usr/lib/python2.7/site-packages/kombu/tests/test\_connection.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/test\_entities.py  
/usr/lib/python2.7/site-packages/kombu/tests/test\_entities.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/test\_log.py  
/usr/lib/python2.7/site-packages/kombu/tests/test\_log.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/test\_messaging.py  
/usr/lib/python2.7/site-packages/kombu/tests/test\_messaging.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/test\_mixins.py  
/usr/lib/python2.7/site-packages/kombu/tests/test\_mixins.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/test\_pidbox.py  
/usr/lib/python2.7/site-packages/kombu/tests/test\_pidbox.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/test\_pools.py  
/usr/lib/python2.7/site-packages/kombu/tests/test\_pools.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/test\_serialization.py  
/usr/lib/python2.7/site-packages/kombu/tests/test\_serialization.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/test\_simple.py  
/usr/lib/python2.7/site-packages/kombu/tests/test\_simple.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/test\_syn.py  
/usr/lib/python2.7/site-packages/kombu/tests/test\_syn.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/transport/\_\_init\_\_.py  
/usr/lib/python2.7/site-packages/kombu/tests/transport/\_\_init\_\_.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_SQS.py  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_SQS.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_amqpplib.py  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_amqpplib.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_base.py  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_base.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_filesystem.py  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_filesystem.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_librabbitmq.py  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_librabbitmq.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_memory.py  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_memory.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_mongodb.py  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_mongodb.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_pyamqp.py  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_pyamqp.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_qpuid.py  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_qpuid.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_redis.py  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_redis.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_sqlalchemy.py  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_sqlalchemy.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_transport.py  
/usr/lib/python2.7/site-packages/kombu/tests/transport/test\_transport.pyc

/usr/lib/python2.7/site-packages/kombu/tests/transport/virtual/\_\_init\_\_.py  
/usr/lib/python2.7/site-packages/kombu/tests/transport/virtual/\_\_init\_\_.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/transport/virtual/test\_base.py  
/usr/lib/python2.7/site-packages/kombu/tests/transport/virtual/test\_base.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/transport/virtual/test\_exchange.py  
/usr/lib/python2.7/site-packages/kombu/tests/transport/virtual/test\_exchange.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/transport/virtual/test\_scheduling.py  
/usr/lib/python2.7/site-packages/kombu/tests/transport/virtual/test\_scheduling.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/utils/\_\_init\_\_.py  
/usr/lib/python2.7/site-packages/kombu/tests/utils/\_\_init\_\_.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/utils/test\_amq\_manager.py  
/usr/lib/python2.7/site-packages/kombu/tests/utils/test\_amq\_manager.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/utils/test\_debug.py  
/usr/lib/python2.7/site-packages/kombu/tests/utils/test\_debug.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/utils/test\_encoding.py  
/usr/lib/python2.7/site-packages/kombu/tests/utils/test\_encoding.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/utils/test\_functional.py  
/usr/lib/python2.7/site-packages/kombu/tests/utils/test\_functional.pyc  
/usr/lib/python2.7/site-packages/kombu/tests/utils/test\_utils.py  
/usr/lib/python2.7/site-packages/kombu/tests/utils/test\_utils.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/SLMQ.py  
/usr/lib/python2.7/site-packages/kombu/transport/SLMQ.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/SQS.py  
/usr/lib/python2.7/site-packages/kombu/transport/SQS.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/\_\_init\_\_.py  
/usr/lib/python2.7/site-packages/kombu/transport/\_\_init\_\_.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/amqplib.py  
/usr/lib/python2.7/site-packages/kombu/transport/amqplib.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/base.py  
/usr/lib/python2.7/site-packages/kombu/transport/base.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/beanstalk.py  
/usr/lib/python2.7/site-packages/kombu/transport/beanstalk.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/couchdb.py  
/usr/lib/python2.7/site-packages/kombu/transport/couchdb.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/django/\_\_init\_\_.py  
/usr/lib/python2.7/site-packages/kombu/transport/django/\_\_init\_\_.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/django/management/\_\_init\_\_.py  
/usr/lib/python2.7/site-packages/kombu/transport/django/management/\_\_init\_\_.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/django/management/commands/\_\_init\_\_.py  
/usr/lib/python2.7/site-packages/kombu/transport/django/management/commands/\_\_init\_\_.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/django/management/commands/clean\_kombu\_messages.py  
/usr/lib/python2.7/site-packages/kombu/transport/django/management/commands/clean\_kombu\_messages.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/django/managers.py  
/usr/lib/python2.7/site-packages/kombu/transport/django/managers.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/django/migrations/0001\_initial.py  
/usr/lib/python2.7/site-packages/kombu/transport/django/migrations/0001\_initial.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/django/migrations/\_\_init\_\_.py  
/usr/lib/python2.7/site-packages/kombu/transport/django/migrations/\_\_init\_\_.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/django/models.py  
/usr/lib/python2.7/site-packages/kombu/transport/django/models.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/django/south\_migrations/0001\_initial.py  
/usr/lib/python2.7/site-packages/kombu/transport/django/south\_migrations/0001\_initial.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/django/south\_migrations/\_\_init\_\_.py  
/usr/lib/python2.7/site-packages/kombu/transport/django/south\_migrations/\_\_init\_\_.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/filesystem.py  
/usr/lib/python2.7/site-packages/kombu/transport/filesystem.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/librabbitmq.py  
/usr/lib/python2.7/site-packages/kombu/transport/librabbitmq.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/memory.py  
/usr/lib/python2.7/site-packages/kombu/transport/memory.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/mongodb.py  
/usr/lib/python2.7/site-packages/kombu/transport/mongodb.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/pyamqp.py  
/usr/lib/python2.7/site-packages/kombu/transport/pyamqp.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/pyro.py  
/usr/lib/python2.7/site-packages/kombu/transport/pyro.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/qpids.py  
/usr/lib/python2.7/site-packages/kombu/transport/qpids.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/redis.py  
/usr/lib/python2.7/site-packages/kombu/transport/redis.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/sqlalchemy/\_\_init\_\_.py  
/usr/lib/python2.7/site-packages/kombu/transport/sqlalchemy/\_\_init\_\_.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/sqlalchemy/models.py  
/usr/lib/python2.7/site-packages/kombu/transport/sqlalchemy/models.pyc  
/usr/lib/python2.7/site-packages/kombu/transport/virtual/\_\_init\_\_.py

```

/usr/lib/python2.7/site-packages/kombu/transport/virtual/__init__.pyc
/usr/lib/python2.7/site-packages/kombu/transport/virtual/exchange.py
/usr/lib/python2.7/site-packages/kombu/transport/virtual/exchange.pyc
/usr/lib/python2.7/site-packages/kombu/transport/virtual/scheduling.py
/usr/lib/python2.7/site-packages/kombu/transport/virtual/scheduling.pyc
/usr/lib/python2.7/site-packages/kombu/transport/zmq.py
/usr/lib/python2.7/site-packages/kombu/transport/zmq.pyc
/usr/lib/python2.7/site-packages/kombu/transport/zookeeper.py
/usr/lib/python2.7/site-packages/kombu/transport/zookeeper.pyc
/usr/lib/python2.7/site-packages/kombu/utils/__init__.py
/usr/lib/python2.7/site-packages/kombu/utils/__init__.pyc
/usr/lib/python2.7/site-packages/kombu/utils/amq_manager.py
/usr/lib/python2.7/site-packages/kombu/utils/amq_manager.pyc
/usr/lib/python2.7/site-packages/kombu/utils/compat.py
/usr/lib/python2.7/site-packages/kombu/utils/compat.pyc
/usr/lib/python2.7/site-packages/kombu/utils/debug.py
/usr/lib/python2.7/site-packages/kombu/utils/debug.pyc
/usr/lib/python2.7/site-packages/kombu/utils/encoding.py
/usr/lib/python2.7/site-packages/kombu/utils/encoding.pyc
/usr/lib/python2.7/site-packages/kombu/utils/eventio.py
/usr/lib/python2.7/site-packages/kombu/utils/eventio.pyc
/usr/lib/python2.7/site-packages/kombu/utils/functional.py
/usr/lib/python2.7/site-packages/kombu/utils/functional.pyc
/usr/lib/python2.7/site-packages/kombu/utils/limits.py
/usr/lib/python2.7/site-packages/kombu/utils/limits.pyc
/usr/lib/python2.7/site-packages/kombu/utils/text.py
/usr/lib/python2.7/site-packages/kombu/utils/text.pyc
/usr/lib/python2.7/site-packages/kombu/utils/url.py
/usr/lib/python2.7/site-packages/kombu/utils/url.pyc

```

Proceed (y/n)? n

```
[vagrant@dev ~]$ sudo dnf remove kombu
```

No match for argument: kombu

Error: No packages marked for removal.

```
[vagrant@dev ~]$ sudo dnf remove python-kombu
```

Dependencies resolved.

```

=====

```

Package Size	Arch	Version	Repository
=====			
Removing:			
pyparsing 385 k	noarch	2.0.3-1.fc22	@fedora
python-amqp 391 k	noarch	1.4.6-1.fc22	@fedora
python-anyjson 18 k	noarch	0.3.3-6.fc21	@fedora
python-billiard 775 k	x86_64	1:3.3.0.19-1.fc22	@fedora
python-celery 5.7 M	noarch	3.1.11-1.fc22	@pulp-2-stable
python-kombu 2.3 M	noarch	1:3.0.24-10.pulp.fc22	@pulp-2-stable

Transaction Summary

```

=====

```

Remove 6 Packages

Installed size: 9.5 M

Is this ok [y/N]: y

Running transaction check

Transaction check succeeded.

Running transaction test

Transaction test succeeded.

Running transaction

```

Erasing      : python-celery-3.1.11-1.fc22.noarch
 1/6
Erasing      : python-kombu-1:3.0.24-10.pulp.fc22.noarch
 2/6
Erasing      : python-amqp-1.4.6-1.fc22.noarch
 3/6
Erasing      : python-anyjson-0.3.3-6.fc21.noarch
 4/6

```

```
Erasing      : pyparsing-2.0.3-1.fc22.noarch
 5/6
Erasing      : python-billiard-1:3.3.0.19-1.fc22.x86_64
 6/6
Verifying    : python-billiard-1:3.3.0.19-1.fc22.x86_64
 1/6
Verifying    : python-kombu-1:3.0.24-10.pulp.fc22.noarch
 2/6
Verifying    : python-celery-3.1.11-1.fc22.noarch
 3/6
Verifying    : pyparsing-2.0.3-1.fc22.noarch
 4/6
Verifying    : python-amqp-1.4.6-1.fc22.noarch
 5/6
Verifying    : python-anyjson-0.3.3-6.fc21.noarch
 6/6
```

Removed:

```
pyparsing.noarch 2.0.3-1.fc22          python-amqp.noarch 1.4.6-1.fc22
python-anyjson.noarch 0.3.3-6.fc21     python-billiard.x86_64 1:3.3.0.19-1.fc22
python-celery.noarch 3.1.11-1.fc22      python-kombu.noarch 1:3.0.24-10.pulp.fc22
```

Complete!

```
[vagrant@dev ~]$ sudo pip uninstall kombu
```

You are using pip version 6.0.8, however version 7.1.2 is available.

You should consider upgrading via the 'pip install --upgrade pip' command.

Uninstalling kombu-3.0.29:

```
/usr/lib/python2.7/site-packages/kombu-3.0.29.dist-info/DESCRIPTION.rst
/usr/lib/python2.7/site-packages/kombu-3.0.29.dist-info/METADATA
/usr/lib/python2.7/site-packages/kombu-3.0.29.dist-info/RECORD
/usr/lib/python2.7/site-packages/kombu-3.0.29.dist-info/WHEEL
/usr/lib/python2.7/site-packages/kombu-3.0.29.dist-info/metadata.json
/usr/lib/python2.7/site-packages/kombu-3.0.29.dist-info/top_level.txt
/usr/lib/python2.7/site-packages/kombu/transport/django/south_migrations/0001_initial.py
/usr/lib/python2.7/site-packages/kombu/transport/django/south_migrations/0001_initial.pyc
/usr/lib/python2.7/site-packages/kombu/transport/django/south_migrations/__init__.py
/usr/lib/python2.7/site-packages/kombu/transport/django/south_migrations/__init__.pyc
```

Proceed (y/n)? y

```
Successfully uninstalled kombu-3.0.29
```

### #3 - 11/20/2015 05:46 PM - rbarlow

Until this is fixed, I believe a workaround is to do this:

```
$ sudo dnf remove python-kombu
$ sudo pip uninstall kombu
$ sudo dnf install python-kombu
$ prestart
```

### #4 - 11/20/2015 07:48 PM - rbarlow

After a while, my workers still went missing so I do not believe this is the cause of the missing workers in the development environment. However, I do believe that it is Very Bad™ that pip and dnf are installing different versions of kombu to the same place so I think we should leave this ticket at high priority so that doesn't bite anyone.

### #5 - 11/20/2015 08:24 PM - rbarlow

This is happening with Celery as well:

```
$ pip freeze | grep celery
You are using pip version 6.0.8, however version 7.1.2 is available.
You should consider upgrading via the 'pip install --upgrade pip' command.
celery==3.1.19
[vagrant@dev ~]$ rpm -q python-celery
python-celery-3.1.11-1.fc22.noarch
```

I believe that somehow it is Celery that is bringing in the pip version of kombu, but I still don't know why Celery is being pip installed instead of dnf installed.

### #6 - 11/23/2015 02:01 PM - bmbouter

Could it be that celery/kombu are being brought in as pip dependencies of flower?

**#7 - 11/23/2015 03:11 PM - rbarlow**

Pulp wrote:

Could it be that celery/kombu are being brought in as pip dependencies of flower?

That sounds like a strong possibility! If flower requires a different version that the rpm is providing, I believe it would get pip installed.

It seems that there is not an rpm for flower. We should package it for Fedora!

--

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**#8 - 11/24/2015 03:15 PM - bmbouter**

I've proven on my system that heartbeats effectively stop when the newer celery/kombu is pip installed over the dnf installed packages in the vagrant environment.

- 1) the worker-online events occur when the workers start up with duplicate packages and without
- 2) This creates a record in db.workers, however due to a timezone issue (separate problem) it these records are created far in the future
- 3) which causes them to not get noticed that heartbeats are not occurring until 65 minutes later

Fixing the timezone problem is a separate issue, but for this someone needs to either rip flower out of the vagrant install or install configure vagrant to install it such that it doesn't pip install over the dnf dependencies that pulp installs normally.

When I remove the pip installed celery, kombu, and flower, and ensure dnf installed python-celery and python-kombu then the heartbeats work as expected.

**#9 - 11/24/2015 03:26 PM - jcline@redhat.com**

- Status changed from *NEW* to *ASSIGNED*
- Assignee set to *jcline@redhat.com*

**#10 - 11/24/2015 03:28 PM - jcline@redhat.com**

<https://github.com/pulp/pulp/pull/2189>

**#11 - 11/24/2015 03:45 PM - jcline@redhat.com**

- Status changed from *ASSIGNED* to *MODIFIED*

**#12 - 11/24/2015 04:00 PM - bmbouter**

- Status changed from *MODIFIED* to *CLOSED - CURRENTRELEASE*

**#13 - 04/15/2019 10:41 PM - bmbouter**

- Tags *Pulp 2* added