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When I try to run `geonode.layers.utils.file_upload` from within my code, in the django server output I get `Exception while getting connection to amqp://admin:adminpw@localhost:5672` from the `@sync_if_local_memory` decorator. And in the celery terminal output, I have

```
[2021-09-29 13:23:43,306: WARNING/MainProcess] Received and deleted unknown message. Wrong destination?!?
```

```
The full contents of the message body was: body: {'id': 69, 'uuid': '6f5c64ac-2128-11ec-95a0-3b6701e35a07', etc.....}
{'content_type': 'application/json' content_encoding: 'utf-8'
  delivery_info: {'consumer_tag': 'None9', 'delivery_tag': 8,
'redelivered': False, 'exchange': 'geonode', 'routing_key': 'geonode.geoserver'} headers={}}
```

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@mradamcox first of all you will need to install and configure memcached and sherlock

<https://docs.geonode.org/en/master/install/advanced/core/index.html?highlight=memcached#install-and-configure-memcached>

you can also take a look at the Dockerfile

<https://github.com/GeoNode/geonode/blob/master/Dockerfile#L19>

<https://github.com/GeoNode/geonode/blob/master/Dockerfile#L42-L44>

and then if you are using a recent branch of GeoNode (whatever 3.2.x+) you need also to:

1. update the dependencies accordingly to the requirements.txt; it will install django-celery probably
1. update your celery commands by using the DBScheduler

e.g.:

<https://github.com/GeoNode/geonode/blob/master/celery-cmd#L12>

I usually use those utilities inside the django docker container to monitor/modify the rabbitmq queues

1. `wget https://raw.githubusercontent.com/rabbitmq/rabbitmq-management/v3.7.28/bin/rabbitmqadmin`
2. `chmod +x rabbitmqadmin`

3. `./rabbitmqadmin -u admin -p admin -V / --host localhost list`
exchanges name type durable

name	type	durable
	direct	True
amq.direct	direct	True
amq.fanout	fanout	True
amq.headers	headers	True
amq.match	headers	True
amq.rabbitmq.trace	topic	True
amq.topic	topic	True
celery	direct	True
celery.pidbox	fanout	False
celeryev	topic	True
default	topic	True
geonode	topic	True

4. `./rabbitmqadmin -u admin -p admin -V / --host localhost delete`
exchange name='default'