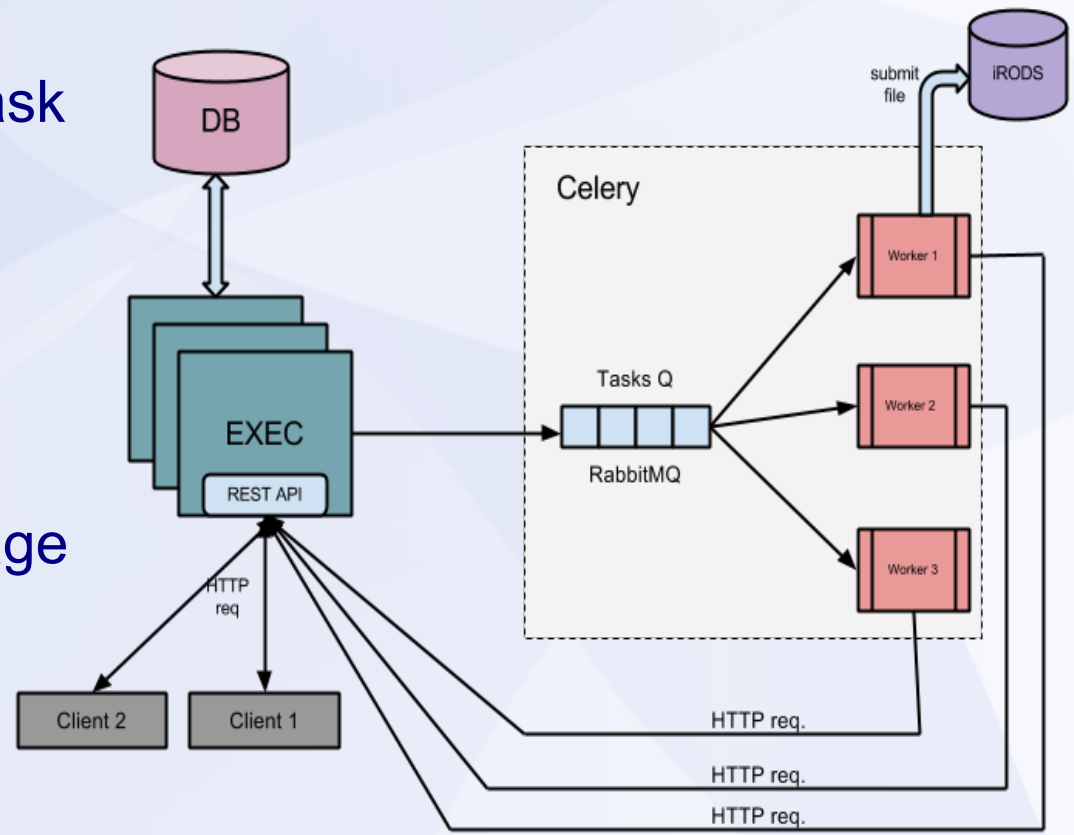


# SERAPIS – REST API

## Technical details:

- Python 2.7
- Celery – Python lib for task management
- RabbitMQ – message queuing system
- MongoDB
- IRODS – back-end storage



# Python libraries/frameworks/tools

- General-purpose tools: ipython, virtualenv
- Django 1.4.3 and *django-rest-framework*
- *celery* (runs on the top of RabbitMQ)
- MongoDB:
  - *pymongo* – Python driver for MongoDB
  - *mongoengine* – ORM (Object relational mapping)
- Testing:
  - *Unittest* – package for unit testing
  - *PyHamcrest* – unit testing
  - *Nose* – unit test discovery and execution
  - *Coverage* – measuring the unit test-coverage