1 EAV and libMFF

/Shared/Users/Erik/EAV/systemPython/EAV.app.tar.gz
/Shared/Users/Erik/libMFF/build_python/libMFF.so

- EAV will be installed in /Applications/EAV/

- Put libMFF.so in GeoPy/mff_python/

2 anaconda

http://continuum.io/downloads

- Download Mac OS X - 64 Bit Python 27 Graphical Installer

- Install Anaconda-2.2.0-MacOSX-x86_64.pkg

- In .profile: will be added

  ```
  # added by Anaconda 2.2.0 installer
  export PATH="/Users/jesong1126/anaconda/bin:$PATH"
  ```

3 RabbitMQ

3.1 Downloading and Installing RabbitMQ

In http://www.rabbitmq.com/
Installation Guide
Mac OS X: Homebrew
Open a terminal.

```
jesong1126$ brew update
jesong1126$ brew install rabbitmq
==> Downloading https://homebrew.bintray.com/bottles/rabbitmq-3.4.4.mavericks.bo
######################################################################## 100.0%
==> Pouring rabbitmq-3.4.4.mavericks.bottle.tar.gz
==> Caveats
Management Plugin enabled by default at http://localhost:15672

Bash completion has been installed to:
  /usr/local/etc/bash_completion.d

To have launchd start rabbitmq at login:
    ln -sfv /usr/local/opt/rabbitmq/*.plist ~/Library/LaunchAgents
Then to load rabbitmq now:
    launchctl load ~/Library/LaunchAgents/homebrew.mxcl.rabbitmq.plist
Or, if you don't want/need launchctl, you can just run:
    rabbitmq-server
==> Summary
??  /usr/local/Cellar/rabbitmq/3.4.4: 1030 files, 27M
jasminesongspro:Cellar jesong1126$ cd /usr/local/sbin
jasminesongspro:sbin jesong1126$ ls
rabbitmq-defaults rabbitmq-plugins  rabbitmqadmin
rabbitmq-env       rabbitmq-server    rabbitmqctl
jasminesongspro:sbin jesong1126$ ./rabbitmq-server -detached
Warning: PID file not written; -detached was passed.
```

3.1.1 In .profile

```
export PATH=/usr/local/sbin:$PATH
```

3.1.2 In Chrome

```
localhost:15672/#/
id: guest
pw: guest
```

4 pika

4.1 python

4.1.1 In ternimal

```
jasminesongspro:~ jesong1126$ sudo pip install pika==0.9.8
Password:
Downloading/unpacking pika==0.9.8
  Downloading pika-0.9.8.tar.gz (56kB): 56kB downloaded
  Running setup.py (path:/private/tmp/pip_build_root/pika/setup.py) egg_info for package pika

Installing collected packages: pika
  Running setup.py install for pika

Successfully installed pika
Cleaning up...
jasminesongspro:~ jesong1126$
```

4.1.2 In .profile

```
export PYTHONPATH=$PYTHONPATH:/usr/local/lib/python2.7/site-packages
```

4.2 anaconda ipython

```
jesong1126$ conda install -c https://conda.binstar.org/auto pika
Fetching package metadata: ......
Solving package specifications: .
Package plan for installation in environment /Users/jesong1126/anaconda:

The following packages will be downloaded:

    package                    |            build
    ---------------------------|-----------------
    conda-env-2.1.4            |           py27_0           15 KB
    pika-0.9.13               |           py27_0           96 KB
    pip-6.1.1                 |           py27_0          1.4 MB
    ------------------------------------------------------------
                                           Total:          1.5 MB

The following NEW packages will be INSTALLED:

    pika:      0.9.13-py27_0

The following packages will be UPDATED:
```

```
    conda-env: 2.1.3-py27_0 --> 2.1.4-py27_0
    pip:       6.0.8-py27_0 --> 6.1.1-py27_0

Proceed ([y]/n)? y

Fetching packages ...
conda-env-2.1. 100% |#############################| Time: 0:00:00 178.07 kB/s
pika-0.9.13-py 100% |#############################| Time: 0:00:00 374.93 kB/s
pip-6.1.1-py27 100% |#############################| Time: 0:00:01   1.35 MB/s
Extracting packages ...
[      COMPLETE      ]|##################################################| 100%
Unlinking packages ...
[      COMPLETE      ]|##################################################| 100%
Linking packages ...
[      COMPLETE      ]|##################################################| 100%
jesong1126$
```

5 GeoPy

GeoPy_04102015.zip

6 Other packages

```
jesong1126$ conda update conda
jesong1126$ conda update anaconda
jesong1126$ conda install pyqt
jesong1126$ sudo pip install six
jesong1126$ sudo pip install pyparsing
jesong1126$ sudo pip install matplotlib
```