

# Pyramid

## classic

### Environment

library

```
BASE=/lab/ztl
cd $BASE

virtualenv lib
. lib/bin/activate
pip install pyramid
```

library activation in active shell (for starting project and running)

```
. lib/bin/activate
```

start project **ztlbrain**

```
pcreate --scaffold alchemy ztlbrain
cd ztlbrain
python setup.py develop
```

initialize db

```
initialize_ztlbrain_db development.ini
```

run

```
pserve development.ini --reload
```

## bower

Bower can help to install javascript client side libraries, like angularjs.

Install npm and bower at system level

```
sudo apt-get install npm
sudo npm install -g bower
```

Install *pyramidbowerstatic* and add it to *setup.py* `pip install pyramidbowerstatic`

Install module (library)

```
bower install ui-bootstrap
```

## aio

library

```
BASE=/lab/ztl  
cd $BASE  
  
virtualenv lib  
. lib/bin/activate  
pip install aiopyramid
```

library activation in active shell (for starting project and running)

```
. lib/bin/activate
```

start project **ztlbrain**

```
pcreate --scaffold aio_websocket ztlbrain  
cd ztlbrain  
python setup.py develop
```

initialize db

```
initialize_ztlbrain_db development.ini
```

run

```
gunicorn --paste development.ini
```

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