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 module (library)

```
# cd <project>/<same-level-of-subdir-static>
```

```
bower install angular-bootstrap
```

Libraries:

- angular
  * angular-bootstrap
  * angular-wamp
  * autobahn
  * bootstrap
  * jquery
  * leafelet-bouncemarker
  * leaflet
  * Leaflet.label

In init.py

```
config.add_static_view('bower_components', 'bower_components',
cache_max_age=3600)
```

In template

```html
<link
href="${request.static_url('ztlbrain:bower_components/bootstrap/dist/css/boo
tstrap.min.css')}" rel="stylesheet">
<script
src="${request.static_url('ztlbrain:bower_components/jquery/dist/jquery.min.
js')}"></script>
<script
src="${request.static_url('ztlbrain:bower_components/angular/angular.min.js'
)}"></script>
<script src="${request.static_url('ztlbrain:bower_components/angular-
bootstrap/ui-bootstrap.min.js')}"></script>
```

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
```

yaml

Use yaml file as configuration container. See here

setup.py

```
requires = [
...
    'tzf.pyramid_yml'
....
```

init.py

```
config.include('tzf.pyramid_yml')
```

*ini

```
yaml.location =  /lab/wega/wegasim
env = dev
```

config.yml

```
configurator:
    serial_code : 'ABCD'
    serial.port : '/dev/ttyUSB3'
    serial.speed : 9600
    test.serial.port : '/dev/ttyUSB2'
    test.serial.speed : 9600
    wamp.router.url : 'ws://localhost:6001/ws'
    wamp.router.push : 'http://localhost:6001/push'
    wamp.realm : 'realm_sim'
```

From:

https://wiki.csgalileo.org/ - **Galileo Labs**

Permanent link:

https://wiki.csgalileo.org/tips/pyramid

Last update: **2015/08/18 12:32**