

Monday, July 04, 2016
6:24 PM

Vagrant:

run vagrant up - it will create Centos 7 , install python 3.4.5 , create virtual environment and run flask server in background as daemon.
go to 127.0.0.1:5000 - you must see file upload page

Screen shots:

Select File With Search Lines



Search Results

• Query: **hey vagrant**

[VAGRANT | Hey Mercedes](#)

[vagrant.com/artists/bio/61-hey-mercedes](#)

Bio Hey Mercedes were a rock band from Wisconsin, USA, that formed in 1999/2000 after the dissolution of Bread. The band consisted of Bob Nanna on guitar ...

• Query: **python is nice**

[nice - Nicize a running python process? - Stack Overflow](#)

[stackoverflow.com/questions/.../nicizing-a-running-python-process](#)

you can always run the process with `nice pythonscript.py`, but if you want to set the `nice -level` within the script you can do `import os; os.nice(20)`.

• Query: **nba**



CBSports.com

[2016 NBA Free Agency Buzz: Kevin Durant going to Warriors](#)

[CBSports.com](#) - 2 hours ago

Everything you need to keep track of during the madness of NBA free agency:

[Golden State Warriors executive and NBA agent Jerry West calls and pitches Kevin Durant on joining team](#)

[ESPN](#) - 17 hours ago

["Kris sign first-round picks Simmons and Lomax-Cabarro"](#)

[NBA.com](#) - 11 hours ago

• Query: **what do you want**



[What do you want? The Notebook - YouTube](#)

► 0:16

• Query: **Brayton Point Unit 3 DFGD - Kiewit**

[Brayton Point Unit 3 DFGD - Kiewit](#)

[www.kiewit.com/projects/power/ages/brayton-point-unit-3-dfgd/](#)

Brayton Point Unit 3 DFGD - Somerset, Mass. Working in a limited space with a five-week outage duration, the Kiewit team engineered, procured, constructed ...

• Query: **www.kiewit.com/ages/Project/ages/Power/AQCS**

[Kiewit - Our Projects : Power : AQCS](#)

[www.kiewit.com/projects/power/ages/](#)

Homer City Units 1 & 2 AQCS Project - Homer City, Pa. The Kiewit team consisting of partners from Eastern District, Kiewit Power Constructors, Kiewit Power ...

Error on Response

Wrong Queries

P.S:

provision.sh - in Vagrant root directory

if you works with pyCharm IDE so folder Vagrant/search_engine_env configured to directly deployment into /usr/share/_search_engine_serve

In pyCharm IDE you can choose unetests configuration and run tests for all project.

search module settings defined in search_engine_app\Settings\settings.ini

Manual Project Setup from source code:

To run this project you need python 3.4

If you have this so skip step 1 and go to step 2 directly

Brief explanation:

- Install python 3.4.5
- Place project inside some directory: /user/share/search_engine_env_serve
- Go into this directory
- Create virtual environment in this directory
- Setup project with virtual environment

Step 1: Install python3.4.5

```
sudo yum -y update
sudo yum -y install python libxml2 libxml2-devel python-setuptools zlib-devel wget openssl-devel pcre pcre-devel sudo gcc make autoconf automake kernel-devel
sudo yum -y groupinstall "Development Tools"
sudo yum -y install epel-release
sudo yum install python-pip python-devel nginx gcc
sudo yum install -y vim-X11 vim-common vim-enhanced vim-minimal
sudo yum install -y htop
sudo yum install -y vim
sudo yum install -y nginx
sudo yum install -y wget
wget https://www.python.org/ftp/python/3.4.5/Python-3.4.5.tar.xz
tar -xvf Python-3.4.5.tar.xz
cd Python-3.4.5
./configure
make
make install
ln -s /usr/local/bin/pip3.4 /usr/bin/pip3.4
ln -s /usr/local/bin/pyenvv-3.4 /usr/bin/virtualenv3.4
```

Creation of project directory

```
mkdir cd /usr/share/search_engine_env_serve
cd /usr/share/search_engine_env_serv
virtualenv3.4 env
source env/bin/activate
```

You can choose **step 2-A** OR **step 2-B**

Step 2-A(setup project from source code): Place and Setup project inside virtual environment inside folder: /usr/share/search_engine_env_serve

```
#place project into /usr/share/search_engine_env_serve and run setup:
python3.4 setup.py install
```

Step 2-B(install project with pip):

```
pip3.4 install search_engine_app
```

Step 3: Run project's flask server : 'serve' - service command that will run flask server it descibed in setup.py

```
serve
```

By Default flask server listens on port:5000

Project setup from pipe