```
$ script practice pip and virtual env.txt
Script started, output file is practice_pip_and_virtual_env.txt
/Users/vicky/Desktop/DOJO all/python stack/my environments
$ mkdir mv first virtenv
$ cd my first virtenv/
$ virtualenv -p python py3Env
Already using interpreter /Users/vicky/anaconda3/bin/python
Using base prefix '/Users/vicky/anaconda3'
New python executable in /Users/vicky/Desktop/D0J0 all/python stack/
my environments/my first virtenv/py3Env/bin/python
Installing setuptools, pip, wheel...
done.
$ ls
py3Env
$ pip --version
pip 19.1.1 from /Users/vicky/anaconda3/lib/python3.6/site-packages/pip
(python 3.6)
$ pip list
Package
                                    Version
absl-pv
                                    0.6.1
alabaster
                                    0.7.10
amap
                                   2.4.2
anaconda-client
                                   1.6.14
anaconda-navigator
                                   1.9.7
anaconda-project
                                   0.8.2
                                   1.4.3
appdirs
appnope
                                    0.1.0
                                   1.0.1
appscript
asn1crypto
                                    0.24.0
astor
                                    0.7.1
                                    1.6.3
astroid
                                    3.0.2
astropy
attrs
                                    18.1.0
awscli
                                    1.16.135
Babel
                                    2.5.3
                                    0.1.0
backports.shutil-get-terminal-size 1.0.0
bcrypt
                                    3.1.6
beautifulsoup4
                                    4.6.3
bitarray
                                    0.8.1
bkcharts
                                    0.2
blaze
                                    0.11.3
bleach
                                    2.1.3
bokeh
                                    0.12.16
boto
                                    2.48.0
                                    1.9.96
boto3
                                    1.12.125
botocore
Bottleneck
                                    1.2.1
```

bs4	0.0.1
certifi	2019.6.16
cffi	1.11.5
chardet	3.0.4
click	6.7
cloudpickle	0.5.3
clyent	1.2.2
colorama	0.3.9
conda	4.7.10
conda-package-handling	1.3.11
conda-verify	2.0.0
confusable-homoglyphs	3.2.0
contextlib2	0.5.5
cryptography	2.7
cryptography-vectors	2.3.1
cycler	0.10.0
Cython	0.28.2
cytoolz	0.9.0.1
dask	0.17.5
datashape	0.5.4
decorator	4.3.0
distributed	1.21.8
Django	2.1.3
django-bootstrap3	11.0.0
django-jquery	3.1.0
django-pandas	0.5.1
django-registration	3.0
	1.16.0
dnspython	
docutils	0.14
entrypoints	0.2.3
et-xmlfile	1.0.1
eventlet	0.25.0
Faker	1.0.0
fastcache	1.0.2
filelock	3.0.4
Flask	1.0.2
Flask-Cors	3.0.4
gast	0.2.1.post0
gevent	1.3.0
glob2	0.6
-	2.0.8
gmpy2	
graphviz	0.10.1
greenlet	0.4.15
grpcio	1.16.1
h5py	2.8.0rc1
heapdict	1.0.0
helper	2.4.2
html5lib	1.0.1
idna	2.8
imageio	2.3.0
	2.310

numpydoc	0.8.0
odo	0.5.1
olefile	0.45.1
opencv-python	4.0.0.21
openpyxl	2.5.3
packaging	17.1
pandas	0.23.0
pandocfilters	1.4.2
paramiko	2.4.2
parso parso	0.2.0
·	0.3.8
partd	
path.py	12.0.1
pathlib2	2.3.2
patsy	0.5.0
pbr	5.1.1
•	1.7.1
pep8	
perfplot	0.5.0
pexpect	4.5.0
pickleshare	0.7.4
Pillow	5.1.0
	_
pip	19.1.1
pipdate	0.3.2
pkginfo	1.4.2
pluggy	0.6.0
ply	3.11
• •	
postgres-kernel	0.1
prompt-toolkit	1.0.15
protobuf	3.6.1
psutil	5.4.5
psycopg2	2.7.6.1
	0.5.2
ptyprocess	
ру	1.5.3
pyasn1	0.4.5
pycodestyle	2.4.0
pycosat	0.6.3
	2.18
pycparser	_
pycrypto	2.6.1
pycurl	7.43.0.3
pydotplus	2.0.2
pyflakes	1.6.0
Pygments	2.2.0
pylint	1.8.4
PyNaCl	1.3.0
pyodbc	4.0.23
py0penSSL	18.0.0
• • •	2.2.0
pyparsing	
PySocks	1.6.8
pytest	3.5.1
pytest-arraydiff	0.2
pytest-astropy	0.3.0
p, 1001 do 11 op,	0.0.0

<pre>pytest-doctestplus pytest-openfiles pytest-remotedata python-dateutil pytz PyWavelets PyYAML pyzmq QtAwesome qtconsole QtPy redis requests rope</pre>	0.1.3 0.3.0 0.2.1 2.7.3 2018.4 0.5.2 5.1 17.0.0 0.4.4 4.3.1 1.4.1 2.10.6 2.22.0 0.10.7
rsa	3.4.2
ruamel-yaml	0.15.35
s3transfer	0.2.0
scikit-image scikit-learn	0.13.1 0.19.1
scipy	1.1.0
scp	0.13.2
seaborn	0.8.1
Send2Trash	1.5.0
setuptools	39.1.0
simplegeneric	0.8.1
singledispatch	3.4.0.3
six	1.12.0
snowballstemmer	1.2.1
sortedcollections	0.6.1
sortedcontainers	1.5.10
Sphinx	1.7.4
sphinxcontrib-websupport	1.0.1
spyder SQLAlchemy	3.2.8 1.2.7
statsmodels	0.9.0
stevedore	1.30.0
sympy	1.1.1
tables	3.4.3
tabulate	0.7.5
tblib	1.3.2
tensorboard	1.10.0
termcolor	1.1.0
terminado	0.8.1
testpath	0.3.1
text-unidecode	1.2
toolz	0.9.0
tornado	5.0.2
tqdm	4.32.1
traitlets	4.3.2
typing	3.6.4

```
unicodecsv
                                    0.14.1
urllib3
                                    1.25.3
vine
                                    1.3.0
virtualenv
                                    16.1.0
                                    0.4.0
virtualenv-clone
                                    4.8.2
virtualenvwrapper
wcwidth
                                    0.1.7
webencodings
                                    0.5.1
Werkzeug
                                    0.15.4
                                    0.31.1
wheel
widgetsnbextension
                                    3.2.1
                                    1.11.1
wrapt
xlrd
                                    1.1.0
XlsxWriter
                                    1.0.4
                                    0.11.8
xlwings
xlwt
                                    1.2.0
zict
                                    0.1.3
                                    0.5.1
zipp
WARNING: You are using pip version 19.1.1, however version 19.2.1 is
available.
You should consider upgrading via the 'pip install --upgrade pip'
command.
$ source pv3Env/bin/activate
(py3Env) $ pip list
Package
           Version
           19.2.1
gig
setuptools 41.0.1
wheel
           0.33.4
(py3Env) $ pip install django; python -m django -version
Collecting django
  Downloading https://files.pythonhosted.org/packages/39/
b0/2138c31bf13e17afc32277239da53e9dfcce27bac8cb68cf1c0123f1fdf5/
Django-2.2.3-py3-none-any.whl (7.5MB)
                                     | 7.5MB 1.0MB/s
Collecting sqlparse (from django)
  Downloading https://files.pythonhosted.org/packages/ef/
53/900f7d2a54557c6a37886585a91336520e5539e3ae2423ff1102daf4f3a7/
sqlparse-0.3.0-py2.py3-none-any.whl
Collecting pytz (from django)
  Downloading https://files.pythonhosted.org/packages/3d/73/
fe30c2daaaa0713420d0382b16fbb761409f532c56bdcc514bf7b6262bb6/
pytz-2019.1-py2.py3-none-any.whl (510kB)
                                     ■| 512kB 3.7MB/s
Installing collected packages: sqlparse, pytz, django
Successfully installed django-2.2.3 pytz-2019.1 sqlparse-0.3.0
No Django settings specified.
Unknown command: '-version'
Type 'python -m django help' for usage.
(py3Env) $ diango --version
```

```
bash: django: command not found
(py3Env) $ pip list
Package
           Version
Django
           2.2.3
           19.2.1
pip
           2019.1
pytz
setuptools 41.0.1
sqlparse
           0.3.0
wheel
           0.33.4
(py3Env) $ deactivate
$ pip list
Package
                                    Version
absl-py
                                    0.6.1
                                    0.7.10
alabaster
amap
                                    2.4.2
anaconda-client
                                    1.6.14
anaconda-navigator
                                    1.9.7
anaconda-project
                                    0.8.2
                                    1.4.3
appdirs
appnope
                                    0.1.0
                                    1.0.1
appscript
asn1crypto
                                    0.24.0
astor
                                    0.7.1
                                    1.6.3
astroid
                                    3.0.2
astropy
                                    18.1.0
attrs
awscli
                                    1.16.135
Babel
                                    2.5.3
backcall
                                    0.1.0
backports.shutil-get-terminal-size 1.0.0
                                    3.1.6
bcrvpt
beautifulsoup4
                                    4.6.3
bitarray
                                    0.8.1
bkcharts
                                    0.2
blaze
                                    0.11.3
                                    2.1.3
bleach
                                    0.12.16
bokeh
boto
                                    2.48.0
                                    1.9.96
boto3
botocore
                                    1.12.125
                                    1.2.1
Bottleneck
bs4
                                    0.0.1
certifi
                                    2019.6.16
cffi
                                    1.11.5
chardet
                                    3.0.4
                                    6.7
click
cloudpickle
                                    0.5.3
clyent
                                    1.2.2
```

colorama	0.3.9
conda	4.7.10
conda-package-handling	1.3.11
conda-verify	2.0.0
confusable-homoglyphs	3.2.0
contextlib2	0.5.5
cryptography	2.7
cryptography-vectors	2.3.1
cycler	0.10.0
Cython	0.28.2
cytoolz	0.9.0.1
dask	0.17.5
datashape	0.5.4
decorator	4.3.0
distributed	1.21.8
Django	2.1.3
django-bootstrap3	11.0.0
django-jquery	3.1.0
django-pandas	0.5.1
django-registration	3.0
dnspython	1.16.0
docutils	0.14
entrypoints	0.2.3
et-xmlfile	1.0.1
eventlet	0.25.0
Faker	1.0.0
fastcache	1.0.2
filelock	3.0.4
Flask	1.0.2
Flask-Cors	3.0.4
gast	0.2.1.post0
gevent	1.3.0
glob2	0.6
gmpy2	2.0.8
graphviz	0.10.1
greenlet	0.4.15 1.16.1
grpcio h5ny	2.8.0rc1
h5py heapdict	1.0.0
helper	2.4.2
html5lib	1.0.1
idna	2.8
imageio	2.3.0
imagesize	1.0.0
importlib-metadata	0.15
ipykernel	4.8.2
ipython	6.4.0
ipython-genutils	0.2.0
ipywidgets	7.2.1
isort	4.3.4
1301 €	11317

<pre>itsdangerous jdcal jedi Jinja2 jmespath jsonschema jupyter jupyter-client jupyter-console jupyter-core jupyterlab jupyterlab kiwisolver</pre>	0.24 1.4 0.12.0 2.10 0.9.3 2.6.0 1.0.0 5.2.3 5.2.0 4.4.0 0.32.1 0.10.5 1.0.1
kombu	4.5.0
lazy-object-proxy	1.3.1
libarchive-c	2.8
llvmlite	0.23.1
locket	0.2.0
lxml	4.2.1
Markdown	2.6.11
MarkupSafe	1.0
matplotlib	2.2.2
<pre>mccabe mistune mkl-fft</pre>	0.6.1 0.8.3 1.0.0
mkl-random	1.0.1
mock	3.0.5
monotonic	1.5
more-itertools	4.1.0
mpmath	1.0.0
msgpack-python	0.5.6
multipledispatch	0.5.0
nameko	2.12.0
navigator-updater	0.2.1
nbconvert	5.3.1
nbformat	4.4.0
networkx	2.1
nltk	3.3
nose	1.3.7
notebook	5.5.0
numba	0.38.0
numexpr	2.6.5
numpy	1.14.3
numpydoc	0.8.0
odo	0.5.1
olefile	0.45.1
<pre>opencv-python openpyxl packaging pandas</pre>	4.0.0.21 2.5.3 17.1 0.23.0

<pre>pandocfilters paramiko parso partd path.py</pre>	1.4.2 2.4.2 0.2.0 0.3.8 12.0.1
pathlib2	2.3.2
patsy	0.5.0
pbr	5.1.1
pep8 perfplot pexpect	1.7.1 0.5.0 4.5.0
pickleshare	0.7.4
Pillow	5.1.0
pip	19.1.1
pipdate	0.3.2
pkginfo	1.4.2
pluggy	0.6.0
ply	3.11
postgres-kernel	0.1
<pre>prompt-toolkit protobuf psutil</pre>	1.0.15 3.6.1 5.4.5
psycopg2	2.7.6.1
ptyprocess	0.5.2
py	1.5.3
<pre>pyasn1 pycodestyle pycosat</pre>	0.4.5 2.4.0 0.6.3
pycparser	2.18
pycrypto	2.6.1
pycurl	7.43.0.3
pydotplus	2.0.2
pyflakes	1.6.0
Pygments	2.2.0
pylint	1.8.4
PyNaCl	1.3.0
pyodbc	4.0.23
pyOpenSSL	18.0.0
pyparsing	2.2.0
PySocks	1.6.8
<pre>pytest pytest-arraydiff pytest-astropy</pre>	3.5.1 0.2 0.3.0
<pre>pytest-doctestplus pytest-openfiles pytest-remotedata</pre>	0.1.3 0.3.0 0.2.1
python-dateutil	2.7.3
pytz	2018.4
PyWavelets	0.5.2
PyYAML	5.1

pyzmq	17.0.0
QtAwesome	0.4.4
qtconsole	4.3.1
QtPy	1.4.1
redis	2.10.6
requests	2.22.0
rope	0.10.7
rsa	3.4.2
ruamel-yaml	0.15.35
s3transfer	0.2.0
scikit-image	0.13.1
scikit-learn	0.19.1
scipy	1.1.0
scp	0.13.2
seaborn	0.8.1
Send2Trash	1.5.0
setuptools	39.1.0
simplegeneric	0.8.1
singledispatch	3.4.0.3
Six	1.12.0
snowballstemmer	1.2.1
sortedcollections	0.6.1
sortedcontainers	1.5.10
Sphinx	1.7.4
sphinxcontrib-websupport	1.0.1
spyder	3.2.8
SQLAlchemy	1.2.7
statsmodels	0.9.0
stevedore	1.30.0
sympy	1.1.1
tables	3.4.3
tabulate	0.7.5
tblib	1.3.2
tensorboard	1.10.0
termcolor	1.1.0
terminado	0.8.1
testpath	0.3.1
text-unidecode	1.2
toolz	0.9.0
tornado	5.0.2
tqdm	4.32.1
traitlets	4.3.2
typing	3.6.4
unicodecsv	0.14.1
urllib3	1.25.3
vine	1.3.0
virtualenv	16.1.0
virtualenv-clone	0.4.0
virtualenvwrapper	4.8.2
wcwidth	0.1.7

```
0.5.1
webencodings
Werkzeug
                                   0.15.4
wheel
                                   0.31.1
widgetsnbextension
                                   3.2.1
                                   1.11.1
wrapt
xlrd
                                   1.1.0
XlsxWriter
                                   1.0.4
                                   0.11.8
xlwings
xlwt
                                   1.2.0
zict
                                   0.1.3
                                   0.5.1
zipp
WARNING: You are using pip version 19.1.1, however version 19.2.1 is
available.
You should consider upgrading via the 'pip install --upgrade pip'
command.
$ source py3Env/bin/activate
(py3Env) $ pip install diango
Requirement already satisfied: django in ./py3Env/lib/python3.6/site-
packages (2.2.3)
Requirement already satisfied: pytz in ./py3Env/lib/python3.6/site-
packages (from diango) (2019.1)
Requirement already satisfied: sqlparse in ./py3Env/lib/python3.6/
site-packages (from django) (0.3.0)
(py3Env) $ pip freeze
D_{jango}=2.2.3
pytz==2019.1
sqlparse==0.3.0
(py3Env) $ pip list
Package
           Version
           2.2.3
Django
pip
           19.2.1
           2019.1
pvtz
setuptools 41.0.1
sqlparse
           0.3.0
           0.33.4
wheel
(py3Env) $ cd /usr/
bin/
            lib/
                        libexec/
                                    local/
                                                 sbin/
                                                             share/
standalone/
(py3Env) $ cd
(py3Env) $ pwd
/Users/vicky
(py3Env) $ cd Desktop/
(py3Env) $ pip freeze > requirements.txt
(py3Env) $ more requirements.txt
D_{jango}=2.2.3
pytz==2019.1
sqlparse==0.3.0
(py3Env) $ pip uninstall Diango
Uninstalling Django-2.2.3:
```

```
Would remove:
    /Users/vicky/Desktop/DOJO all/python stack/my environments/
my_first_virtenv/py3Env/bin/django-admin
    /Users/vicky/Desktop/DOJO_all/python_stack/my environments/
my first virtenv/py3Env/bin/django-admin.py
    /Users/vicky/Desktop/DOJO_all/python_stack/my_environments/
my first virtenv/py3Env/lib/python3.6/site-packages/Django-2.2.3.dist-
info/*
    /Users/vicky/Desktop/DOJO_all/python_stack/my_environments/
my_first_virtenv/py3Env/lib/python3.6/site-packages/django/*
Proceed (y/n)? y
  Successfully uninstalled Django-2.2.3
(py3Env) $ pip show Django
(py3Env) $ pip search Flask

    Flask-SimpleMDE - a Flask extension for

Flask-SimpleMDE (0.3.0)
SimpleMDE
Flask-Pure (0.5)
                            - Flask-Pure - a Flask extension for
Pure.css
Flask-OrientDB (0.1)
                            - A Flask extension for using OrientDB
with Flask
Flask-PubSub (0.1.0)
                            Flask-PubSub
Flask-Waitress (0.0.1)
                            - Flask Waitress
flask-zs (0.0.17)
                            - A helpers for Flask.
sockis-flask (0.3)
                            SockJs for Flask
Flask-Stripe (0.1.0)
                            Flask-Stripe
Flask-Quik (0.1.1)
                            - Quik for Flask
                            Flask-BDEA
Flask-BDEA (0.1.0)
Flask-Helper (0.19)
                            - Flask Helper
Flask-ElasticUtils (0.1.7)
                            - ElasticUtils for Flask
                            - Flask Helloworld
flask-helloworld (1.0.0)
Flask-GripControl (0.0.1)

    Flask GripControl

Flask-SRI (0.1.0)
                            - Flask-SRI
flask-ws (0.0.1.0)
                            Websocket for flask.
Flask-AutoIndex (0.6.4)
                            - The mod autoindex for Flask
Flask-Clearbit (0.1.0)
                            - Flask-Clearbit
Flask-FontAwesome (0.1.2)

    FontAwesome for Flask

flask-ypaginate (0.1.3)

    Pagination for Flask

Flask-OAuthlib (0.9.5)

    OAuthlib for Flask

Flask-Mustache (0.4.1)

    Mustache for Flask

Fifty-Flask (1.4.0)

    Flask enhancements.

Flask-Chargebee (0.0.1)

    Flask-Chargebee

Flask-Keen (0.1.0)
                            - Flask-Keen
Flask-NextCaller (0.1.0)
                             Flask-NextCaller
Flask-Gears (0.2)
                            Gears for Flask
Flask-Shopify (0.2)
                            - Shopify Flask
Flask-Ext (0.1)
                            - Extensions of Flask
Flask-TaskTiger (0.0.1)
                            - Flask TaskTiger
                            - Weixin for Flask.
Flask-Weixin (0.5.0)
Flask-Intercom (0.1.0)
                            Flask-Intercom
Flask-SPF (0.0.0)
                            - Flask-SPF
```

```
- A flask toolbox.
flask-toolbox (0.0.2)
Flask-Turbolinks (0.2.0)
                            - Turbolinks for Flask.
Flask-Watson (0.1.0)
                            Flask-Watson
Flask-FileRev (0.1.0)
                            Flask-FileRev

    airbrake-flask - Airbrake client for

airbrake-flask (1.0.7)
Pvthon Flask
Flask-GeoIP (0.1.3)
                            - Flask-GeoIP ----- Simple Flask
extension for pygeoip.
                            - Flask-MyAPI - RESTful support library
flask-myapi (0.1)
for Flask
Flask-Diced (0.3)
                            - Flask-Diced - CRUD views generator for
Flask
Flask-RESTive (0.0.3)
                            - Flask RESTive is a REST API Flask
extension based on Flask-RESTful & Marshmallow.
Flask-LoginManager (1.1.6) - Flask-Loginmanager supports multiple
roles and permissions for Flask, inspired by Flask-Login
Flask-FlatPagesCut (0.5.1) - Flask-FlatPagesCut is fork Flask-
FlatPages (Provides flat static pages to a Flask application)
flask-lesscss (0.9.1)

    A small Flask extension that adds

LessCSS support to Flask.
flask-shell (0.1.3)
                            - Flask extension to improve shell command
for the Flask CLI.
flask-stylus2css (0.1)
                            - A small Flask extension that adds Stylus
support to Flask.
flask-coffee2js (0.1.2)
                            - A small Flask extension that adds
CoffeScript support to Flask.
                            - Flask-Collect -- Collect static files in
Flask-Collect (1.3.2)
Flask application
flask-filters (0.3)
                             - The Flask Filter to use with flask-
restful and Relational DB
Flask-Shelve (0.1.1)

    Shelve support for Flask

Flask-CKEditor (0.4.3)
                            - CKEditor integration for Flask.
Flask-Triangle (0.5.4)
                            - Integration of AngularJS and Flask.
Flask-Zero (0.9.6)

    Qiniu Storage for Flask

Flask-CuttlePool (0.2.0)
                            - A Flask extension for CuttlePool
Flask-Funnel (0.1.10)
                             - Asset management for Flask.
Flask-Breve (0.2)

    Breve templating with Flask

Flask-mongobit (0.1.2)

    MongoBit support in Flask

                            - Flask LogSocketIo module
flask-logsocketio (0.1.4)
Flask-SaeStorage (0.9.0)
                            - SAE Storage for Flask
Flask-Passlib (0.1)

    Flask extension for passlib

flask-iMail (0.1)
                            - Mailgun integration for Flask.
flask-snow (0.2.8)

    Pysnow extension for Flask

Flask-Autodoc (0.1.2)

    Documentation generator for flask

Flask-wechatpy (0.1.3)
                            wechatpy for flask extension
Flask-Vises (2.1.4)

    A Flask scaffold library

Flask-PyFCM (0.1.1)

    Flask extension for PyFCM

Flask-sshtunnel (0.1b2)
                            - sshtunnel extension for flask
Flask-Failsafe (0.2)

    A failsafe for the Flask reloader

                            - Unit testing for Flask
Flask-Testing (0.7.1)
```

```
nailpack-flask (0.1.0)
                            - Flask support for nails
flask-authentic (0.0.11)

    Flask Authentic Extension

Flask-Sixpack (0.0.1)

    Flask wrapper for Sixpack

flask-now (0.1.5)

    Flask App Generator

Flask-Latch (0.1.0)

    Latch extension for Flask

Flask-Storm (0.2.0)

    Storm integration for Flask.

    MySQLdb extension for Flask

Flask-MySQLdb (0.2.0)
                            - Flask extension for Airbrake
Flask-Airbrake (0.0.3)
castle-flask (0.0.1)

    A Flask client for Castle.io

Flask-OpenID (1.2.5)

    OpenID support for Flask

Flask-Edits (0.8)

    Editable Content in Flask

Flask-Navigation (0.2.0)

    The navigation of Flask application.

flask-serial (1.1.0)
                            - Flask extension for the Serial
flask-discoverer (0.0.5)

    Flask API autodiscovery

Flask-Slack (0.1.5)

    Slack extension for Flask.

                            - Integration of AngularJS and Flask.
Flask-Triangle3 (0.5.3)
Flask-ZMO (0.1.2)

    Flask extension for ZMQ

Flask-Enterprise (1.0)
                            - Enterprise capabilities for Flask
Flask-CAS (1.0.1)
                            - Flask extension for CAS
Flask-SAML (0.4.3)

    Flask SAML integration

Flask-Flarf (0.0.5)

    Flask request filtering

flask-tat (0.0.10)
                            - Flask TAT client
Flask-Avatar (0.1.3)
                            - To generate avatar for flask
Flask-Config (0.2.1)
                            - Flask configuration class
flask-blitzdb (0.1)

    Flask extension for blitzdb

Flask-RBAC (0.3.0)
                            - RBAC support for Flask
flask-handlers (0.0.1)

    Handlers for Flask applications

Flask-Postmark (0.2.0)
                            - Postmark Flask extension
Flask-Htmldoom (0.1.2)

    htmldoom integration for Flask

Flask-PRBAC (0.1.3)

    RBAC support for Flask

(py3Env) $ deactivate
$ exit
exit
Script done, output file is practice_pip_and_virtual_env.txt
$ ls
my first virtenv
                                  practice pip and virtual env.txt
$ more practice_pip_and_virtual_env.txt
Script started on Tue Jul 30 10:25:15 2019
ESC[?1034h$ pwd
/Users/vicky/Desktop/DOJO_all/python_stack/my_environments
$ mkdir my fiESC[Krst virtenv
$ cd my_ESC[Kfirst_virtenv/
$ vir^Gtualenv
python py3Env
Already using interpreter /Users/vicky/anaconda3/bin/python
Using base prefix '/Users/vicky/anaconda3'
New python executable in /Users/vicky/Desktop/DOJO_all/python stack/
my_environments/my_first_virtenv/py3Env/bin/python
```

```
Installing setuptools, pip, wheel...
done.
$ ls
py3Env
$ pip --version
pip 19.1.1 from /Users/vicky/anaconda3/lib/python3.6/site-packages/pip
(python 3.6)
$ pip list
Package
                                  Version
                                  0.6.1
absl-py
alabaster
                                  0.7.10
                                  2.4.2
amqp
anaconda-client
                                  1.6.14
anaconda-navigator
                                 1.9.7
anaconda-project
                                  0.8.2
appdirs
                                 1.4.3
appnope
                                  0.1.0
appscript
                                  1.0.1
asn1crypto
                                  0.24.0
                                  0.7.1
astor
astroid
                                  1.6.3
                                  3.0.2
astropy
attrs
                                  18.1.0
                                  1.16.135
awscli
Babel
                                  2.5.3
backcall
                                  0.1.0
backports.shutil-get-terminal-size 1.0.0
bcrypt
                                  3.1.6
beautifulsoup4
                                  4.6.3
bitarray
                                  0.8.1
bkcharts
                                  0.2
                                  0.11.3
blaze
bleach
                                  2.1.3
bokeh
                                  0.12.16
boto
                                 2.48.0
boto3
                                 1.9.96
                                 1.12.125
botocore
Bottleneck
                                  1.2.1
$
$ more
my first virtenv/
                                practice_pip_and_virtual_env.txt
$ more practice_pip_and_virtual_env.txt
Script started on Tue Jul 30 10:25:15 2019
ESC[?1034h$ pwd
/Users/vicky/Desktop/DOJO_all/python_stack/my_environments
$ mkdir my_fiESC[Krst_virtenv
$ cd my_ESC[Kfirst_virtenv/
$ vir^Gtualenv
```

```
python py3Env
Already using interpreter /Users/vicky/anaconda3/bin/python
Using base prefix '/Users/vicky/anaconda3'
New python executable in /Users/vicky/Desktop/D0J0 all/python stack/
my environments/my first virtenv/py3Env/bin/python
Installing setuptools, pip, wheel...
done.
$ ls
py3Env
$ pip --version
pip 19.1.1 from /Users/vicky/anaconda3/lib/python3.6/site-packages/pip
(python 3.6)
$ pip list
Package
                                    Version
absl-py
                                    0.6.1
alabaster
                                    0.7.10
                                    2.4.2
amgp
anaconda-client
                                    1.6.14
                                    1.9.7
anaconda-navigator
anaconda-project
                                    0.8.2
appdirs
                                    1.4.3
                                    0.1.0
appnope
appscript
                                    1.0.1
asn1crypto
                                    0.24.0
                                    0.7.1
astor
                                    1.6.3
astroid
                                    3.0.2
astropy
                                    18.1.0
attrs
awscli
                                    1.16.135
Babel
                                    2.5.3
backcall
                                    0.1.0
backports.shutil-get-terminal-size 1.0.0
bcrypt
                                    3.1.6
beautifulsoup4
                                    4.6.3
bitarray
                                    0.8.1
bkcharts
                                    0.2
                                    0.11.3
blaze
bleach
                                    2.1.3
bokeh
                                    0.12.16
boto
                                    2.48.0
boto3
                                    1.9.96
                                    1.12.125
botocore
Bottleneck
                                    1.2.1
bs4
                                    0.0.1
certifi
                                    2019.6.16
cffi
                                    1.11.5
chardet
                                    3.0.4
click
                                    6.7
cloudpickle
                                    0.5.3
```

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colorama	0.3.9
conda	4.7.10
conda-package-handling	1.3.11
conda-verify	2.0.0
confusable-homoglyphs	3.2.0
contextlib2	0.5.5
cryptography	2.7
cryptography-vectors	2.3.1
cycler	0.10.0
Cython	0.28.2
cytoolz	0.9.0.1
dask	0.17.5
datashape	0.5.4
decorator	4.3.0
distributed	1.21.8
Django	2.1.3
django-bootstrap3	11.0.0
django-jquery	3.1.0
django-pandas	0.5.1
django-registration	3.0
dnspython	1.16.0
docutils	0.14
entrypoints	0.2.3
et-xmlfile	1.0.1
eventlet	0.25.0
Faker	1.0.0
fastcache	1.0.2
filelock	3.0.4
Flask	1.0.2
Flask-Cors	3.0.4
gast	0.2.1.post0
gevent	1.3.0
glob2	0.6
	2.0.8
gmpy2	0.10.1
graphviz	0.4.15
greenlet	1.16.1
grpcio	_
h5py	2.8.0rc1
heapdict	1.0.0
helper	2.4.2
html5lib	1.0.1
idna	2.8
imageio	2.3.0
imagesize	1.0.0
importlib-metadata	0.15
ipykernel	4.8.2
ipython	6.4.0
ipython-genutils	0.2.0
ipywidgets	7.2.1

isort	4.3.4
itsdangerous	0.24
jdcal	1.4
jedi	0.12.0
Jinja2	2.10
jmespath	0.9.3
jsonschema	2.6.0
jupyter	1.0.0
jupyter-client	5.2.3
jupyter-console	5.2.0
jupyter-core	4.4.0
jupyterlab	0.32.1
jupyterlab-launcher	0.10.5
kiwisolver	1.0.1
kombu	4.5.0
lazy-object-proxy	1.3.1
libarchive-c	2.8
llvmlite	0.23.1
locket	0.2.0
lxml	4.2.1
Markdown	
	2.6.11
MarkupSafe	1.0
matplotlib	2.2.2
mccabe	0.6.1
mistune	0.8.3
mkl-fft	1.0.0
mkl-random	1.0.1
mock	3.0.5
monotonic	1.5
more-itertools	4.1.0
mpmath	1.0.0
msgpack-python	0.5.6
multipledispatch	0.5.0
nameko	2.12.0
navigator-updater	0.2.1
nbconvert	5.3.1
nbformat	4.4.0
networkx	2.1
nltk	3.3
nose	1.3.7
notebook	5.5.0
numba	0.38.0
	2.6.5
numexpr	
numpy	1.14.3
numpydoc	0.8.0
odo	0.5.1
olefile	0.45.1
opency-python	4.0.0.21
openpyxl	2.5.3
packaging	17.1

pandas 0.23.0 pandocfilters 1.4.2	
pandocfilters 1.4.2	
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paramiko 2.4.2	
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partd 0.3.8	
path.py 12.0.1	
pathlib2 2.3.2	
patsy 0.5.0	
pbr 5.1.1	
pep8 1.7.1	
perfplot 0.5.0	
pexpect 4.5.0	
pickleshare 0.7.4	
Pillow 5.1.0	
pip 19.1.1	
pipdate 0.3.2	
pkginfo 1.4.2	
pluggy 0.6.0	
ply 3.11	
postgres-kernel 0.1	
prompt-toolkit 1.0.15	
protobuf 3.6.1	
psutil 5.4.5	
psycopg2 2.7.6.1	ı
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pycosat 0.6.3 pycparser 2.18	
pycrypto 2.6.1	_
pycurl 7.43.0.	. 3
pydotplus 2.0.2	
pyflakes 1.6.0	
Pygments 2.2.0	
pylint 1.8.4	
PyNaCl 1.3.0	
pyodbc 4.0.23	
pyOpenSSL 18.0.0	
pyparsing 2.2.0	
PySocks 1.6.8	
pytest 3.5.1	
<pre>pytest-arraydiff 0.2</pre>	
pytest-astropy 0.3.0	
pytest-doctestplus 0.1.3	
pytest-openfiles 0.3.0	
pytest-remotedata 0.2.1	
python-dateutil 2.7.3	
pytz 2018.4	
PyWavelets 0.5.2	
1 3112	

PyYAML	5.1
pyzmq	17.0.0
QtAwesome	0.4.4
qtconsole	4.3.1
QtPy	1.4.1
redis	2.10.6
requests	2.22.0
rope	0.10.7
rsa	3.4.2
ruamel-yaml	0.15.35
s3transfer	0.2.0
scikit-image	0.13.1
scikit-learn	0.19.1
scipy	1.1.0
scp	0.13.2
seaborn	0.8.1
Send2Trash	1.5.0
setuptools	39.1.0
simplegeneric	0.8.1
singledispatch	3.4.0.3
six	1.12.0
snowballstemmer	1.2.1
sortedcollections	0.6.1
sortedcontainers	1.5.10
Sphinx	1.7.4
sphinxcontrib-websupport	1.0.1
spyder	3.2.8
SQLAlchemy	1.2.7
statsmodels	0.9.0
stevedore	1.30.0
sympy	1.1.1
tables	3.4.3
tabulate	0.7.5
tblib	1.3.2
tensorboard	1.10.0
termcolor	1.1.0
terminado	0.8.1
testpath	0.3.1
text-unidecode	1.2
toolz	0.9.0
tornado	5.0.2
tqdm	4.32.1
traitlets	4.3.2
typing	3.6.4
unicodecsv	0.14.1
urllib3	1.25.3
vine	1.3.0
virtualenv	16.1.0
virtualenv-clone	0.4.0
virtualenvwrapper	4.8.2

```
wcwidth
                                    0.1.7
                                    0.5.1
webencodings
Werkzeug
                                    0.15.4
wheel
                                    0.31.1
widgetsnbextension
                                    3.2.1
wrapt
                                    1.11.1
xlrd
                                    1.1.0
XlsxWriter
                                    1.0.4
xlwinas
                                    0.11.8
                                    1.2.0
xlwt
                                    0.1.3
zict
zipp
                                    0.5.1
ESC[33mWARNING: You are using pip version 19.1.1, however version
19.2.1 is available.
You should consider upgrading via the 'pip install --upgrade pip'
command. ESC [0m
$ source py3Env/bin/activate
(py3Env) $ pip list
Package
           Version
           19.2.1
pip
setuptools 41.0.1
wheel
           0.33.4
(py3Env) $ 5.ESC[1ESC[1P
Collecting django
ESC[?25l Downloading https://files.pythonhosted.org/packages/39/
  Downloading https://files.pythonhosted.org/packages/ef/
53/900f7d2a54557c6a37886585a91336520e5539e3ae2423ff1102daf4f3a7/
sqlparse-0.3.0-py2.py3-none-any.whl
Collecting pytz (from django)
ESC[?25l Downloading https://files.pythonhosted.org/packages/3d/73/
fe30c2daaaa0713420d0382b16fbb761409f532c56bdcc514bf7b6262bb6/
pytz-2019.1-py2.py3-none-any.whl (510kB)
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                                                       102kB 3.7MB/s
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s eta 0:00:01^MESC[K
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3.7MB/s eta 0:00:01^MESC[K
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| 163kB 3.7MB/s eta 0:00:01^MESC[K
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 204kB 3.7MB/s eta 0:00:01^MESC[K
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                                  501kB 3.7MB/s eta 0:00:01^MESC[K
                                 | 512kB 3.7MB/s
ESC[?25hInstalling collected packages: sqlparse, pytz, django
Successfully installed django-2.2.3 pytz-2019.1 sqlparse-0.3.0
No Django settings specified.
Unknown command: '-version'
Type 'python -m django help' for usage.
(py3Env) $ django --version
bash: django: command not found
(py3Env) $ pip list
Package
           Version
           2.2.3
Django
pip
           19.2.1
           2019.1
pytz
setuptools 41.0.1
sqlparse
           0.3.0
```

wheel 0.33.4 (py3Env) \$ deactivate \$ pip list Version Package 0.6.1 absl-py alabaster 0.7.10 2.4.2 amqp anaconda-client 1.6.14 1.9.7 anaconda-navigator 0.8.2 anaconda-project appdirs 1.4.3 appnope 0.1.0 appscript 1.0.1 0.24.0 asn1crypto astor 0.7.1 astroid 1.6.3 astropy 3.0.2 attrs 18.1.0 awscli 1.16.135 Babel 2.5.3 backcall 0.1.0 backports.shutil-get-terminal-size 1.0.0 bcrvpt 3.1.6 beautifulsoup4 4.6.3 bitarray 0.8.1 bkcharts 0.2 0.11.3 blaze bleach 2.1.3 bokeh 0.12.16 2.48.0 boto boto3 1.9.96 1.12.125 botocore Bottleneck 1.2.1 bs4 0.0.1 2019.6.16 certifi cffi 1.11.5 chardet 3.0.4 click 6.7 cloudpickle 0.5.3 1.2.2 clyent colorama 0.3.9 4.7.10 conda conda-package-handling 1.3.11 conda-verify 2.0.0 confusable-homoglyphs 3.2.0 contextlib2 0.5.5 cryptography 2.7 cryptography-vectors 2.3.1 cycler

0.10.0

Cython cytoolz dask datashape decorator distributed Django django-bootstrap3 django-jquery django-pandas django-registration dnspython docutils entrypoints et-xmlfile eventlet Faker fastcache filelock Flask Flask-Cors gast gevent glob2 gmpy2 graphviz greenlet grpcio h5py heapdict helper html5lib idna imageio imagesize importlib-metadata ipykernel ipython ipython-genutils	0.28.2 0.9.0.1 0.17.5 0.5.4 4.3.0 1.21.8 2.1.3 11.0.0 3.1.0 0.5.1 3.0 1.16.0 0.14 0.2.3 1.0.1 0.25.0 1.0.0 1.0.2 3.0.4 1.0.1 1.0.0 1.3.0 1.3.0 1.0.1 1.0.1 1.0.1 1.0.1 1.0.1 1.0.1 1.0.1 1.0.1 1.0.1 1.0.1 1.0.1 1.0.1 1.0.1 1.0.1 1.0.1 1.0.1 1.0.0 1.0.2 1.0.1 1.0.0 1.0.1 1.0.1 1.0.0 1.0.2 1.0.0 1.0.1 1.0.0 1.0.1 1.0.0 1.0.1 1.0.0 1.0.1 1.0.0 1.0.1 1.0.0 1.0.1 1.0.0 1.0.1 1.0.0 1.0.1 1.0.0 1.0.1 1.0.0 1.0.1 1.0.0 1.0.1 1.0.0 1.0.1 1.0.0 1.0.1 1.0.0 1.0.1 1.0.0 1.0.
ipykernel ipython ipython-genutils	4.8.2 6.4.0 0.2.0
<pre>ipywidgets isort itsdangerous jdcal jedi Jinja2 jmespath jsonschema jupyter jupyter jupyter-client jupyter-console</pre>	7.2.1 4.3.4 0.24 1.4 0.12.0 2.10 0.9.3 2.6.0 1.0.0 5.2.3 5.2.0

	kombu 4.5 lazy-object-proxy 1.3 libarchive-c 2.8 llvmlite 0.2 locket 0.2 lxml 4.2 Markdown 2.6 MarkupSafe 1.0 matplotlib 2.2 mccabe 0.6 mistune 0.8 mkl-fft 1.0 mkl-random 1.0 mock 3.0 monotonic 1.5 more-itertools 4.1 mpmath 1.0 msgpack-python 0.5 nameko 2.1 navigator-updater 0.5 nbformat 4.4 networkx 2.1 nbformat 4.4 networkx 2.1 nltk 3.3 nose 1.3 notebook 5.5 numba 0.3 numexpr 2.6 numpy 1.1 numpy 1.1 numpy 1.1 opencv-python 4.9
--	--

perfplot	0.5.0
pexpect	4.5.0
pickleshare	0.7.4
Pillow	5.1.0
pip	19.1.1
pipdate	0.3.2
pkginfo	1.4.2
pluggy	0.6.0
ply	3.11
postgres-kernel	0.1
prompt-toolkit	1.0.15
protobuf	3.6.1
psutil	5.4.5
psycopg2	2.7.6.1
ptyprocess	0.5.2
ру	1.5.3
pyasn1	0.4.5
pycodestyle	2.4.0
pycosat	0.6.3
pycparser	2.18
pycrypto	2.6.1
pycurl	7.43.0.3
pydotplus	2.0.2
pyflakes	1.6.0
Pygments	2.2.0
pylint	1.8.4
PyNaCl	1.3.0
pyodbc	4.0.23
py0penSSL	18.0.0
pyparsing	2.2.0
PySocks	1.6.8
pytest	3.5.1
pytest-arraydiff	0.2
pytest-astropy	0.3.0
pytest-doctestplus	0.1.3
pytest-openfiles	0.3.0
pytest-remotedata	0.2.1
python-dateutil	2.7.3
pytz	2018.4
PyWavelets	0.5.2
PyYAML	5.1
pyzmq	17.0.0
QtAwesome	0.4.4
qtconsole	4.3.1
QtPy	1.4.1
redis	2.10.6
requests	2.22.0
rope	0.10.7
rsa	3.4.2
ruamel-yaml	0.15.35

s3transfer scikit-image scikit-learn scipy scp seaborn Send2Trash setuptools simplegeneric singledispatch six snowballstemmer sortedcollections sortedcontainers Sphinx sphinxcontrib-websupport spyder SQLAlchemy statsmodels stevedore sympy tables tabulate tblib tensorboard termcolor terminado testpath text-unidecode toolz tornado tqdm traitlets typing unicodecsv urllib3 vine virtualenv-clone virtualenvwrapper wcwidth webencodings Webel	0.2.0 0.13.1 0.19.1 1.1.0 0.13.2 0.8.1 1.5.0 39.1.0 0.8.1 3.4.0.3 1.12.0 1.2.1 0.6.1 1.5.10 1.7.4 1.0.1 3.2.8 1.2.7 0.9.0 1.30.0 1.1.1 3.4.3 0.7.5 1.3.2 1.10.0 1.1.1 0.8.1 1.2.1 0.9.0 1.1.1 0.8.1 1.2.1 0.9.0 1.1.1 0.9.1 1.1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1
wcwidth	0.1.7
Werkzeug wheel	0.31.1
widgetsnbextension	3.2.1
wrapt	1.11.1
xlrd	1.1.0
XlsxWriter	1.0.4
xlwings	0.11.8
xlwt	1.2.0

```
zict
                              0.1.3
                              0.5.1
zipp
ESC[33mWARNING: You are using pip version 19.1.1, however version
19.2.1 is available.
You should consider upgrading via the 'pip install --upgrade pip'
command.ESC[0m
$ pip list^MESC[CESC[Cdeactivate^MESC[CESC[CESC[2Ppip
list^MESC[CESC[Cdjango --version^MESC[CESC[Cpip install django ;
python -m django -
version^MESC[CESC[CESC[CESC[CESC[CIistESC[K^MESC[CESC[Csource
pv3Env/bin/activate
(py3Env) $ source py3Env/bin/activate
listESC^H^H^H^H^H^HESC[2Pdjango --
install django; python -m django -
versioESC[ESC[ESC[ESC[ESC[ESC[ESC]
C[ESC[ESC[K
Requirement already satisfied: django in ./py3Env/lib/python3.6/site-
packages (2.2.3)
Requirement already satisfied: pytz in ./py3Env/lib/python3.6/site-
packages (from django) (2019.1)
Requirement already satisfied: sqlparse in ./py3Env/lib/python3.6/
site-packages (from django) (0.3.0)
(py3Env) $ pip fr^Geeze
Diango==2.2.3
pvtz==2019.1
sqlparse==0.3.0
(py3Env) $ pip list
Package
         Version
         2.2.3
Diango
         19.2.1
pip
pytz
         2019.1
setuptools 41.0.1
sqlparse 0.3.0
wheel
         0.33.4
(py3Env) $ cd /usr/v^G^G^HESC[K^G
bin/
                               local/
          lib/
                    libexec/
                                          sbin/
                                                    share/
standalone/
(py3Env) $ cd /usrESC[ESC[ESC[ESC[K
(py3Env) $ pwd
/Users/vicky
(py3Env) $ cd Desktop/
(py3Env) $ pwdESC^Hpip freeze > requirements.txt
(py3Env) $ more requirements.txt
ESC[?1hESC=^MDjango==2.2.3
pytz==2019.1
sqlparse==0.3.0
```

```
ESC[7mrequirements.txt (END)ESC[27mESC[K^MESC[KCSC[?
1lESC>(py3Env) $ pip uninstall Django
Uninstalling Django-2.2.3:
  Would remove:
    /Users/vicky/Desktop/DOJO all/python stack/my environments/
my first virtenv/py3Env/bin/django-admin
    /Users/vicky/Desktop/DOJO all/python stack/my environments/
my first virtenv/py3Env/bin/django-admin.py
    /Users/vicky/Desktop/DOJO_all/python_stack/my_environments/
my first virtenv/py3Env/lib/python3.6/site-packages/Django-2.2.3.dist-
info/*
    /Users/vicky/Desktop/DOJO_all/python_stack/my_environments/
my_first_virtenv/py3Env/lib/python3.6/site-packages/django/*
Proceed (y/n)? y
  Successfully uninstalled Django-2.2.3
(py3Env) $ pip show Django
(pv3Env) $ pip search flasESC[ESC[ESC[ESC[KFlask

    Flask-SimpleMDE - a Flask extension for

Flask-SimpleMDE (0.3.0)
SimpleMDE
                            - Flask-Pure - a Flask extension for
Flask-Pure (0.5)
Pure.css
Flask-OrientDB (0.1)
                            - A Flask extension for using OrientDB
with Flask
                            Flask-PubSub
Flask-PubSub (0.1.0)
Flask-Waitress (0.0.1)

    Flask Waitress

flask-zs (0.0.17)
                            - A helpers for Flask.
sockis-flask (0.3)

    SockJs for Flask

Flask-Stripe (0.1.0)
                            Flask-Stripe
Flask-Quik (0.1.1)
                            - Quik for Flask
Flask-BDEA (0.1.0)
                            - Flask-BDEA
Flask-Helper (0.19)

    Flask Helper

Flask-ElasticUtils (0.1.7) - ElasticUtils for Flask
flask-helloworld (1.0.0)

    Flask Helloworld

                            Flask GripControl
Flask-GripControl (0.0.1)
Flask-SRI (0.1.0)
                            - Flask-SRI
flask-ws (0.0.1.0)
                            - Websocket for flask.
Flask-AutoIndex (0.6.4)

    The mod autoindex for Flask

                            - Flask-Clearbit
Flask-Clearbit (0.1.0)
Flask-FontAwesome (0.1.2)
                            - FontAwesome for Flask
flask-ypaginate (0.1.3)
                            - Pagination for Flask
                            - OAuthlib for Flask
Flask-OAuthlib (0.9.5)
Flask-Mustache (0.4.1)

    Mustache for Flask

Fifty-Flask (1.4.0)

    Flask enhancements.

Flask-Chargebee (0.0.1)
                            Flask-Chargebee
Flask-Keen (0.1.0)
                            - Flask-Keen
                            - Flask-NextCaller
Flask-NextCaller (0.1.0)
Flask-Gears (0.2)
                            Gears for Flask
Flask-Shopify (0.2)
                            Shopify Flask
Flask-Ext (0.1)
                            - Extensions of Flask
Flask-TaskTiger (0.0.1)
                            - Flask TaskTiger
```

```
Flask-Weixin (0.5.0)
                             - Weixin for Flask.
Flask-Intercom (0.1.0)
                             - Flask-Intercom
Flask-SPF (0.0.0)
                             Flask-SPF
                             - A flask toolbox.
flask-toolbox (0.0.2)
                             - Turbolinks for Flask.
Flask-Turbolinks (0.2.0)
Flask-Watson (0.1.0)
                             Flask-Watson
Flask-FileRev (0.1.0)
                             - Flask-FileRev

    airbrake-flask - Airbrake client for

airbrake-flask (1.0.7)
Python Flask
                             - Flask-GeoIP ----- Simple Flask
Flask-GeoIP (0.1.3)
extension for pygeoip.
flask-myapi (0.1)

    Flask-MyAPI - RESTful support library

for Flask
Flask-Diced (0.3)

    Flask-Diced - CRUD views generator for

Flask
Flask-RESTive (0.0.3)

    Flask RESTive is a REST API Flask

extension based on Flask-RESTful & Marshmallow.
Flask-LoginManager (1.1.6) - Flask-Loginmanager supports multiple
roles and permissions for Flask, inspired by Flask-Login
Flask-FlatPagesCut (0.5.1) - Flask-FlatPagesCut is fork Flask-
FlatPages (Provides flat static pages to a Flask application)
flask-lesscss (0.9.1)

    A small Flask extension that adds

LessCSS support to Flask.
                             - Flask extension to improve shell command
flask-shell (0.1.3)
for the Flask CLI.
flask-stylus2css (0.1)
                             - A small Flask extension that adds Stylus
support to Flask.
flask-coffee2js (0.1.2)
                             - A small Flask extension that adds
CoffeScript support to Flask.
Flask-Collect (1.3.2)
                             - Flask-Collect -- Collect static files in
Flask application
                             - The Flask Filter to use with flask-
flask-filters (0.3)
restful and Relational DB
Flask-Shelve (0.1.1)

    Shelve support for Flask

Flask-CKEditor (0.4.3)
                             - CKEditor integration for Flask.
Flask-Triangle (0.5.4)
                             - Integration of AngularJS and Flask.
Flask-Zero (0.9.6)

    Qiniu Storage for Flask

    A Flask extension for CuttlePool

Flask-CuttlePool (0.2.0)
                             - Asset management for Flask.
Flask-Funnel (0.1.10)
Flask-Breve (0.2)
                             - Breve templating with Flask
Flask-mongobit (0.1.2)

    MongoBit support in Flask

flask-logsocketio (0.1.4)
                             - Flask LogSocketIo module
Flask-SaeStorage (0.9.0)

    SAE Storage for Flask

Flask-Passlib (0.1)

    Flask extension for passlib

flask-iMail (0.1)
                             - Mailgun integration for Flask.
flask-snow (0.2.8)
                             - Pysnow extension for Flask
Flask-Autodoc (0.1.2)

    Documentation generator for flask

                             - wechatpy for flask extension
Flask-wechatpy (0.1.3)
Flask-Vises (2.1.4)

    A Flask scaffold library

Flask-PyFCM (0.1.1)

    Flask extension for PyFCM
```

Flask-sshtunnel (0.1b2) - sshtunnel extension for flask - A failsafe for the Flask reloader Flask-Failsafe (0.2) Flask-Testing (0.7.1) Unit testing for Flask nailpack-flask (0.1.0) Flask support for nails flask-authentic (0.0.11) Flask Authentic Extension Flask-Sixpack (0.0.1) Flask wrapper for Sixpack flask-now (0.1.5) Flask App Generator Flask-Latch (0.1.0) Latch extension for Flask Flask-Storm (0.2.0) Storm integration for Flask. Flask-MySQLdb (0.2.0) MySQLdb extension for Flask - Flask extension for Airbrake Flask-Airbrake (0.0.3) castle-flask (0.0.1) - A Flask client for Castle.io Flask-OpenID (1.2.5)- OpenID support for Flask Flask-Edits (0.8) Editable Content in Flask Flask-Navigation (0.2.0) The navigation of Flask application. - Flask extension for the Serial flask-serial (1.1.0) flask-discoverer (0.0.5) Flask API autodiscovery Flask-Slack (0.1.5) Slack extension for Flask. - Integration of AngularJS and Flask. Flask-Triangle3 (0.5.3) Flask-ZMQ (0.1.2) Flask extension for ZMQ - Enterprise capabilities for Flask Flask-Enterprise (1.0) Flask-CAS (1.0.1) - Flask extension for CAS Flask-SAML (0.4.3) Flask SAML integration Flask-Flarf (0.0.5) - Flask request filtering flask-tat (0.0.10) - Flask TAT client - To generate avatar for flask Flask-Avatar (0.1.3) Flask-Config (0.2.1) Flask configuration class flask-blitzdb (0.1) Flask extension for blitzdb Flask-RBAC (0.3.0) - RBAC support for Flask - Handlers for Flask applications flask-handlers (0.0.1) Flask-Postmark (0.2.0) Postmark Flask extension Flask-Htmldoom (0.1.2) htmldoom integration for Flask Flask-PRBAC (0.1.3) RBAC support for Flask (py3Env) \$ deactivate \$ exit exit

Script done on Tue Jul 30 10:38:01 2019