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# Pyblog Instructions
## A blog with Python(2.x) Flask and SQL lite

1. Install Git

   Make sure that git installed properly

```
Yaakovs-MBP:pyblog yaakovazat$ git --version
git version 2.15.1
```

```
2. Enter projects folder
Yaakovs-MBP:pyblog yaakovazat$ ls
LICENSE         app         migrations
Procfile    config.py       requirements
README.md       manage.py       requirements.txt
```

```
3. Download or clone project from github :
```

git clone https://github.com/yaakovazat/pyblog

4. Make sure that blog archives are the same

```
Yaakovs-MBP:pyblog yaakovazat$ ls
LICENSE         app         migrations
Procfile    config.py       requirements
README.md       manage.py       requirements.txt
Yaakovs-MBP:pyblog yaakovazat$
```

```
5. Install virtualenv if ,installed check it :

 # virtualenv -- version

6. Create new virtual environment by virtualenv

Yaakovs-MBP:pyblog yaakovazat$ virtualenv pyblog
New python executable in /Users/yaakovazat/Documents/myProjects/
python/sbeka/pyblog/pyblog/bin/python
```

```
Installing setuptools, pip, wheel...done.
Yaakovs-MBP:pyblog yaakovazat$
```

```
[Yaakovs-MBP:pyblog yaakovazat$ ls
 LICENSE                    config.py            requirements
 Procfile                   manage.py            requirements.txt
 README.md                  migrations
 app                        pyblog _
```

7. Activate python virtual environment

```
#   source pyblog/bin/activate
#
Yaakovs-MBP:pyblog yaakovazat$ source pyblog/bin/activate
(pyblog) Yaakovs-MBP:pyblog yaakovazat$
```

8.install python packages

```
#
pip install -i https://pypi.python.org/simple/ -r requirements/
common.txt
#
Flask==0.10.1
Flask-Script==2.0.5
Flask-SQLAlchemy==2.1
Flask-Migrate==1.7.0
Flask-WTF==0.12
Flask-Bootstrap==3.3.5.7
WTForms==2.1
itsdangerous==0.24
Jinja2==2.8
MarkupSafe==0.23
SQLAlchemy==1.0.11
Werkzeug==0.11.3
wheel==0.24.0
flask-login==0.3.2
flask-moment==0.5.1
ForgeryPy==0.1
gunicorn==19.4.5
```

```
 Found existing installation: wheel 0.30.0
    Uninstalling wheel-0.30.0:
      Successfully uninstalled wheel-0.30.0
Successfully installed Flask-0.10.1 Flask-Bootstrap-3.3.5.7 Flask-
Migrate-1.7.0 Flask-SQLAlchemy-2.1 Flask-Script-2.0.5 Flask-WTF-0.12
ForgeryPy-0.1 Jinja2-2.8 Mako-1.0.7 MarkupSafe-0.23
SQLAlchemy-1.0.11 WTForms-2.1 Werkzeug-0.11.3 alembic-0.9.9
dominate-2.3.1 flask-login-0.3.2 flask-moment-0.5.1 gunicorn-19.4.5
```

```
itsdangerous-0.24 python-dateutil-2.7.2 python-editor-1.0.3
six-1.11.0 visitor-0.1.3 wheel-0.24.0
(pyblog) Yaakovs-MBP:pyblog yaakovazat$
```

9.  Create DATABASE files and run the Pyblog

```
(pyblog) Yaakovs-MBP:pyblog yaakovazat$ python manage.py deploy
product
INFO  [alembic.runtime.migration] Context impl SQLiteImpl.
INFO  [alembic.runtime.migration] Will assume non-transactional DDL.
INFO  [alembic.runtime.migration] Running upgrade  -> 051691f120e6,
fit to MySQL
(pyblog) Yaakovs-MBP:pyblog yaakovazat$
```

10.Run the blog on server

```
gunicorn manage:app
```

11. Generate some test data :

```
python manage.py deploy test_data
```