Zero-Config Installation Notes

for Materials Data Curation Project

These notes are for requirement 1.A7 of the Product Backlog (<http://goo.gl/ce9SNz>)

**Setup:**

We need pip to do the installation of the required dependencies. pip requires setuptools and it has to be installed first, before pip can run: <http://www.pip-installer.org/en/latest/installing.html>

Unzip the mgi.prod.DATE.zip file into ~/Develop/Workspaces

cd ~/Develop

mkdir Env

pip install virtualenvwrapper (<http://virtualenvwrapper.readthedocs.org/en/latest/>)

**For MongoDB (in a new terminal):**

cd ~/Develop/Workspaces/mgi

export WORKON\_HOME=~/Develop/Envs

source /usr/local/bin/virtualenvwrapper.sh

workon mgi

Run MongoDB:

mongod --dbpath data/db/

**For Django (in a new terminal):**

cd ~/Develop/Workspaces/mgi

export WORKON\_HOME=~/Develop/Envs

mkdir -p $WORKON\_HOME

source /usr/local/bin/virtualenvwrapper.sh

mkvirtualenv mgi

pip install Django (<https://docs.djangoproject.com/en/1.6/topics/install/>)

pip install mongoengine (<http://docs.mongoengine.org/guide/installing.html>)

pip install django-auth-ldap (<http://pythonhosted.org/django-auth-ldap/>)

pip install django-dajax (<http://django-dajax.readthedocs.org/en/latest/installation.html>)

pip install django-dajaxice (<http://django-dajaxice.readthedocs.org/en/latest/installation.html>)

(for now: need to remove defaults from dajaxice urls.py because it does not support Django 1.6)

replace:

from django.conf.urls.defaults import \*

with:

from django.conf.urls import patterns, url, include

pip install django-multiuploader (<https://github.com/garmoncheg/django_multiuploader>)

(for now: need to remove defaults from dajaxice urls.py because it does not support Django 1.6)

replace:

from django.conf.urls.defaults import \*

with:

from django.conf.urls import patterns, url, include

(for now: add the templates to mongodb by uncommenting the lines under curate(request) inside mgi/views.py and load the curate page once. Make sure to add comments back on).

pip install djangorestframework (<http://www.django-rest-framework.org/>)

Run software:

python manage.py runserver

**Access:**

For Materials Data Curation System, Go to: <http://127.0.0.1:8000/>

For Materials Data Curation Administration, Go to: <http://127.0.0.1:8000/admin/>