IDAP Setup:

Technologies Used:

* django 1.10
* python 3.5
* angular 1.4.3
* db tool(sqlite browser or MySQL workbench)

Fresh Installation(Windows 64 bit):

* Install Python (Download from: https://www.python.org/downloads/)
* Set PATH variable in Environment Variables

1. Append the PATH variable with **Python Location/Scripts/**

ex. C:\Python35\Scripts\

1. We'll use Pip.exe for downloading the libraries from cmd:

ex. pip install xyz (pip will search the python directories and will download the binaries)

* Pip installations:
  1. pip3 install django-cors-headers
  2. pip3 install feedparser
  3. pip3 install beautifulsoup4
  4. pip3 install django
  5. pip3 install mysql-python
  6. pip3 install django-mysql

(We are using pip3 to specify the version of python we want to use as i've both python2 and python3 in my system)

* Code checkout:

1. SVN Download Link: <https://tortoisesvn.net/downloads.html>
2. Repository URL: <http://10.11.198.55/subversion/IDAP/trunk/IDAP>
3. Checkout both frontend and backend code.

* Changes required in settings.py:
  1. ALLOWED\_HOSTS = ['\*']
  2. CORS\_ORIGIN\_ALLOW\_ALL = True
     + If DB is not sqlite:

Replace the code of DATABASES in settings.py:

DATABASES = {

'default': {

'ENGINE': 'django.db.backends.sqlite3',

'NAME': os.path.join(BASE\_DIR, 'db.sqlite3'),

}

}

With the below code if you are using MySQL:

DATABASES = {

'default': {

'ENGINE': 'django.db.backends.mysql',

'NAME': ‘Your DB Name’,

'USER': 'Your DB USER',

'PASSWORD': 'Your DB PASSWORD',

'HOST': 'localhost',

'PORT': '3306'

}

}

* To Get the Data in database from Data Seed:

1. Go to your project root folder through cmd:
   * Ex. E:\IdapRepositoryWorkSpace\idap\_backend>
2. Run the command: python3 manage.py loaddata init\_data.json
   * (init\_data.json is just like a seed data file which was created by the below command:
   * python3 manage.py dumpdata --exclude=auth.Permission --exclude=contenttypes -e sessions --indent=4 -e admin --format json >init\_data.json)

* To get the transactional data: <http://localhost:8000/data_persistence/keyword_extractor>