



EoU New

13, June, 2019

Shaksham Saxena

Overview

Complete documentation for running New EoU module:

1. Requirement

Software Required:

- a. Anaconda3-5.2.0-Linux-x86_64
- b. Django
- c. Nginx
- d. PHP
- e. Nodejs

2. Installation

- a. Anaconda3-5.2.0-Linux-x86_64
 - i. `cd /tmp`
 - ii. `curl -O https://repo.anaconda.com/archive/Anaconda3-5.2.0-Linux-x86_64.sh`
 - iii. `sudo bash Anaconda3-5.2.0-Linux-x86_64.sh`
 1. Yes
 2. `path => /wwwroot/anaconda`
 - iv. `nano .bashrc`
 - v. add at end of the file `export PATH=/wwwroot/anaconda/bin:$PATH`
 - vi. `source ~/.bashrc`
- b. Django & Required Dependencies
 - i. `conda install -c anaconda django`
 - ii. `conda install -c anaconda pandas`
 - iii. `conda install -c conda-forge fuzzywuzzy`
 - iv. `conda install -c conda-forge inflect`
 - v. `conda install elasticsearch`
 - vi. `pip install django-maintenance-mode`
 - vii. `pip install msgpack`
 - viii. `pip install sqlparse`
 - ix. `pip install google-cloud-bigquery`
 - x. `pip install pycountry`
 - xi. `pip install gunicorn`
 - xii. `pip install PyPDF2`
 - xiii. `sudo apt-get update && sudo apt-get install -y xpdf`
 - xiv. `pip install google-cloud-translate`
 - xv. `pip install tqdm`

c. nginx & PHP setup

192.168.2.69/site

Add following line of code in xlpat.com in /etc/nginx/sites-enabled/ for localhost:

```
location /portfolio {
    proxy_pass http://127.0.0.1:9000;
    proxy_redirect off;
    proxy_set_header Host $host;
    proxy_set_header X-Real-IP $remote_addr;
    proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
    proxy_set_header X-Forwarded-Proto $scheme;
    proxy_read_timeout 600s;
}
```

NOTE: With this code ,port 9000 can be access through localhost/portfolio

d. Nodejs

- i. `curl -sL https://deb.nodesource.com/setup_10.x | sudo -E bash -`
- ii. `sudo apt-get install -y nodejs`
- iii. `/wwwroot/htdocs/xlpat/Images_Portfolio`
 1. `npm i puppeteer`
 2. `npm install --save puppeteer-cluster`
- iv. install missing dependencies
 1. `sudo apt-get install gconf-service libasound2 libatk1.0-0 libc6 libcairo2 libcups2 libdbus-1-3 libexpat1 libfontconfig1 libgcc1 libgconf-2-4 libgdk-pixbuf2.0-0 libglib2.0-0 libgtk-3-0 libnspr4 libpango-1.0-0 libpangocairo-1.0-0 libstdc++6 libx11-6 libx11-xcb1 libxcb1 libxcomposite1 libxcursor1 libxdamage1 libxext6 libxfixed3 libxi6 libxrandr2 libxrender1 libxss1 libxtst6 ca-certificates fonts-liberation libappindicator1 libnss3 lsb-release xdg-utils wget`

3. Folder Structure:

wwwroot	htdocs	complete_patent_data	portfolio_d	complete_data	
				patent_assist	
				patent_assist_scoring	
				Final_Sheet	
				Logs	commercial_log/ legal_log/ technical_log/
				parse_folder_temp	
				pdfs	
				URLs	Active/ C_CPC/ Family/ L_Family/ PublicationDate/ Assignee/ C_Family/ L_ApplicationPublication/ PatentNumber/ C_Citations/ Citations/ L_Citations/ PatentNumbers/
				fwd_data	
				parsed_text	
				PATENT_INV	
				pubList	
				user_data	

wwwroot	htdocs	xlpat	portfolio_django
			bucket (vendor folder from xlpat bucket)
			company_monitor(SynonymApi.php)
			Images_Portfolio
			landscape (css folder jstree.min.css)
			portfolio_django
			Sheets