

VA Project Mapid – Authorship Attribution

Getting Started

Instructions to get it running on local machine. It is developed using Django 1.11.3 and python 3.6.1

Prerequisites

- Install the version of python and Django mentioned above
- Install latest version of nltk and sklearn library
- Other optional dependencies include - django-hosts, gunicorn, numpy, pytz and white noise
- Keep the files location as default given in the project

Built With

- Bootstrap – Front End
- D3 – Visualization Library
- Scikit-learn – Machine learning library

Note

- Run **python manage.py runserver** to start server and run the project
- In first run the execution time is around 5 minutes depending on the system.
- Optionally one can see the server logs to see each step while waiting.
- From second run all the information is stored in the session so if one wants to run from scratch clear the session.
- Tested in latest version of Chrome and Firefox

References

- [1]"Bar Chart", Bl.ocks.org, 2017. [Online]. Available: <https://bl.ocks.org/mbostock/3885304>. [Accessed: 18- Dec- 2017].
- [2]"Animated Horizontal Bar Chart with Tooltips", Bl.ocks.org, 2017. [Online]. Available: <http://bl.ocks.org/juan-cb/ab9a30d0e2ace0d2dc8c>. [Accessed: 18- Dec- 2017].
- [3]"Grouped Bar Chart", Bl.ocks.org, 2017. [Online]. Available: <https://bl.ocks.org/mbostock/3887051>. [Accessed: 18- Dec- 2017].
- [4]"Force-Directed Graph", Bl.ocks.org, 2017. [Online]. Available: <https://bl.ocks.org/mbostock/4062045>. [Accessed: 18- Dec- 2017].
- [5]"Clustered Force Layout III", Bl.ocks.org, 2017. [Online]. Available: <https://bl.ocks.org/mbostock/7881887>. [Accessed: 18- Dec- 2017].
- [6]"Concept Map playlist visualization generated by Exaile 3.4 beta3", Bl.ocks.org, 2017. [Online]. Available: <http://bl.ocks.org/virtuald/ea7438cb8c6913196d8e>. [Accessed: 18- Dec- 2017].
- [7]"Simple Sidebar - Bootstrap Sidebar Template", Start Bootstrap, 2017. [Online]. Available: <https://startbootstrap.com/template-overviews/simple-sidebar/>. [Accessed: 18- Dec- 2017].