

Trump News

Main Functionality: This software helps in retrieving 25 latest NEWS articles related to 'Donald Trump' from CNN and 25 latest tweets from Trump's twitter account.

The retrieved data is displayed in HTML and .CSV format.

Additional Functionality: This tool can also analyze the extracted news and find the names of personalities/persons mentioned in the news. This functionality is achieved by the help of natural language processing.

`nukes.aim.crawler.Driver.java`

This class contains main method which executes the entire process of crawling through CNN.com and Twitter.

The final output is in the form of html file: output.html

`nukes.aim.crawler.twitter.TwitterData.java`

Contains the data structure to hold Twitter tweets information. It contains:

numberOfRetweets: The number of retweets for a specific tweet

body: Text within the tweet

`nukes.aim.crawler.cnn.CnnData.java`

Contains the data structure to hold CNN articles' information. It contains:

headline: The main heading of an article

date: Publish date of article

completeNew: Complete news body of the article

`nukes.aim.crawler.cnn.CnnCrawler`

crawlCNN() : Executes the CNN Crawler

Return: List of CnnData.java:

```
nuces.aim.crawler.nlp.TestNlpDriver.java
```

Further to analyze the additional functionality of finding out personality names in a given NEWS, this class main function can be executed.

```
nuces.aim.crawler.twitter.TwitterCrawler
```

crawlTwitter() : Executes the Twitter Crawler

Return: List of TwitterData.java: