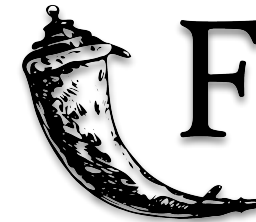


8.

User Stream API

Back-End

Web Service



Flask
web development,
one drop at a time

6.



4.

Recommender System

5.

Weight

home_timeline

1

I love Elm !

2

Elm programming yay!

0

Today is a nice day!

[love, elm]

[elm, programming, yay]

[today, nice, day]

**Terms from user's tweets,
retweets, and likes:**

[elm, programming]

1.

recommend(list of seen tweet IDs)

ordered
tweets
JSON

7.

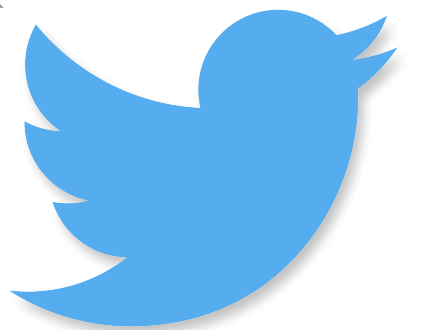
2.

REST API

Twitter/home_timeline
Twitter/user_timeline
Twitter/user

3.

JSON



Twitter API

search(frequent terms)

Tweets
JSON

REST API

