Twitter Trendfinder

Visualization and Analysis of Twitter Trends

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Trending Topics Yesterday Evening

#FFFLJ
#fiestamovement
#scandal
#tbt
Papa Pope
Why? By Whom? How?

- Why are these trending?
- Were these trends started by someone or did the trend evolve organically?
- What was the nature of the term’s diffusion?
Tweet to Tweet network
Tweet to Tweet network
Demo

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Demonstration
Overview
Data URL Endpoints

- /graph.json
  ```json
  {
    tweets: [...],
    edges: [...]  
  }
  ```

- /tree.json
  - List of tweets where each tweet may or may not have nested children (replies and retweets)

- /tweets/:id.json
  - Full details about tweet including user info
Example Tweet

```json
{
  id: 1,
  twitter_id: "73007631086",
  text: "Ut reprehenderit ut omnis.",
  created_at: "2013-12-08T21:14:40.000Z",
  user:
    {
      id: 1,
      name: "Bart Cummings DDS",
      user_name: "kaylie_donnelly",
      location: "Port Shanelview",
      description: "Cum in voluptatum quia et magni dolorem.",
      followers: 11,
      friends: 0
    }
}
```
Version 1
User Feedback

● Grad Students: CS and Statistics

● Male vs. Female: 50% - 50%

● Experience with Twitter: 50% - 50%

● Usability Test: Remote and Live.
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Tweet Details
Tweet: Facere neque velit quasi.
Day: Wed Dec-31, 1969
Time: 07:00:00 PM
Retweet?: No
Replied to: None
In Reply Chain: false
In Retweet Chain: false

User Details
User Name: rosemarie.bear
Number of Followers: 6
Number of Friends: 3
Location: West Mortimer
Description: Ut unde excepturi quis ventulis consequatur officia aliquam.

Top Tweets
- Excepturi laudantium est ut in, by delta_romaguera
- Iste provident expedita, by dale
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Future Work

- Solve data collection problem
- Prevent layout occlusion
- Incorporate data into vertical dimension
Questions?