RETRIEVAL OF POLITICAL RELATIONS BETWEEN COUNTRIES BASED ON TWITTER

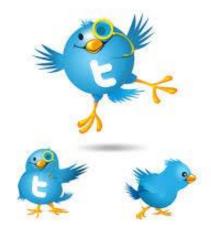Barış Gecer   Nabeel AbuBaker

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9 **Slides**

21. C. MEDIA: TWITTER

- From 2006, Twitter has been improved over the years with increasing number of users and tweets.

- 6 million unique visitor / month [1]

- There are some studies done in the literature that extract information from twitter [2-4]

INTERNATIONAL POLITICS

- %4 of the tweets are about the news
- But they are actually the most frequent ones

Name of the operation that is done by Saudi Arabia in Yemen

From http://trendsmap.com/

MOTIVATION

- Politics rule the world, its a sad truth.

- People tweets their own opinions which is not biased like the mainstream media

- People Thoughts vs. Media vs. Governments

DESTRUCTIVENESS OF WAR

PREDICTING SERIOUS ISSUES

- No need to explain how destructive is a war

- War is the most unwanted situation by today's people

- So many establishments try to avoid future wars (e.g. United Nations)

- Prediction of war before hand

METHODOLOGY

- **Gather** data from twitter about the two countries
  - Tweets with the names of the countries
  - Tweets with hashtags related to the countries
  - Tweets from political figures in those countries
- **Filter** the data according to relativity/frequency
- **Classify** the data to labeled categories
  - Ex: "Stable" , " War" , " Nervous"
- Category with largest number of instances **wins**

EXPECTED RESULTS

- An application with the ability to choose two countries and return the political situation between them.
  - Might also return many results with probabilities.

- Predicting serious issues(like coming wars) between countries.

REFERENCES

- *1 - Kazeniac, Andy (February 9, 2009). "Social Networks:Facebook Takes Over Top Spot, Twitter Climbs". Compete.com. Retrieved February 17, 2009.*

- *2 - Twitter hashtags: Joint Translation and Clustering*

- *3 - Enhanced Sentiment Learning Using Twitter Hashtags and Smileys*

- *4 - The Use of Twitter Hashtags in the Formation of Ad Hoc Publics*

- *5 - Ryan Kelly, ed. (August 12, 2009). "Twitter Study August 2009". Twitter Study Reveals Interesting ResultsAbout Usage (PDF). San Antonio, Texas: Pear Analytics.Archived from the original on July 15, 2011.*

THANK YOU !
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