



Different mediums for news print

## Technology Summary

A technology was designed for organizing the often messy stream of online news events into a coherent, chronologically-sorted story line. The software will be able to scan news event repositories, tag the events that come through based on their characteristics (actors/politicians involved, locale, date, categories). It then uses these markers to sense relations between separate news events and either adds the event to a current story line, or creates a new one if nothing relates to a certain threshold.

## Application & Market Utility

This technology can draw from numerous news sources and piece together their takeaways in order to show the “full picture”. By seeing the event chronologically, its easier for the user to tell how the events have evolved from one another. This software could be used to explore the future as well as the past. Extrapolation of these story lines may help predict future events based on historical knowledge.

## Next Steps

Patent number 9,817,908 issued 11/14/2017. Prototype available; seeking non-exclusive licensing opportunities

### TECHNOLOGY READINESS LEVEL

4-7

#### Seeking

Investment | Licensing | Research

#### Keywords

- news media
- big data

#### Researchers

##### Lee Giles

Professor of Computer Science and Engineering

[Online Bio](#)

[Website](#)

##### Zhaohui Wu

Graduate Student

#### Originating College

College of Information Sciences and Technology

#### Office of Technology Management Contact

Swope, Bradley  
bas101@psu.edu  
814-863-5987