

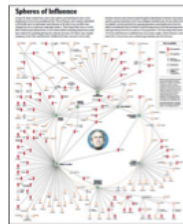
Untangled

Network Analysis for Journalism

Network analysis is a dramatically growing area of research in fields as diverse as epidemiology, linguistics, marketing and neurology. Journalists and news organizations have been slow to apply network analysis to information gathering and storytelling. This initiative aims to unite any and all communities interested in the application of network analysis to journalism. This could include analysts, journalists, programmers... anyone.

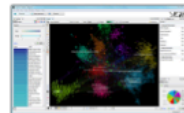
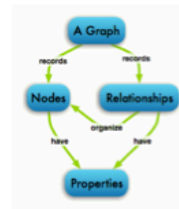
Stories

We've compiled examples of stories that use network analysis.



Tools

We've compiled a list of tools used to execute this analysis and visualize the results.



Learn More

Untangled is also a forum to help facilitate people to share their on-going research and initiatives. Read articles about and from the people doing this work and find suggestions for more reading.

- [Application of Neo4J to Middle-Eastern Terrorists](#)
- [How and Why I built a Network Analysis Tool Matrix](#)

Read More

The lab is publishing new content and curating old, so that you can learn more about network analysis and how other people are researching in this area.

Articles

- Application of Neo4J to Middle-Eastern Terrorists
- How and Why I built a Network Analysis Tool Matrix
- Hand coding infographics of networks
- We don't know what we don't know

Suggested Reading

- [The New Science of Networks](#)
- [Network Diagrams are hard](#)



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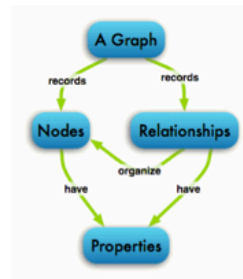


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Tools

Collecting data. Storing information. Finding connections. Displaying those findings. We've gathered some notable tools that facilitate the process of network analysis in journalism.

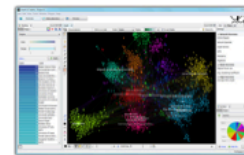


Neo4j

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Gephi

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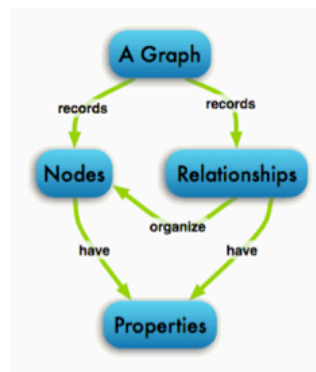
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Neo4j

Neo4J is a graph database that allows users to "ask and answer" data questions. It is a database that allows you to model, store, and query data in the form of a graph with nodes and relationships that you can attach properties to. After structuring your graph you can query it. The data modeling experience aims to be simple and attempts to let users build a graph model that looks like the questions you want to ask of your domain.



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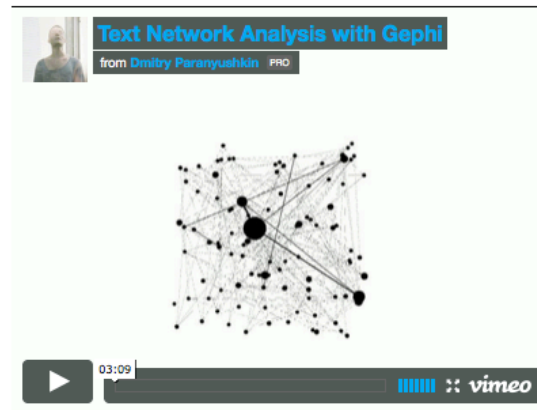
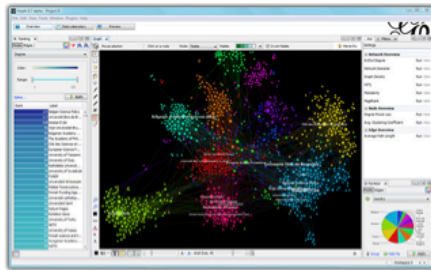
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Gephi

Gephi is "an open-source software for network visualization and analysis. It helps data analysts to intuitively reveal patterns and trends, highlight outliers and tells stories with their data. It uses a 3D render engine to display large graphs in real-time and to speed up the exploration. Gephi combines built-in functionalities and flexible architecture to: explore, analyze, spatialize, filter, clusterize, manipulate and export all types of networks.



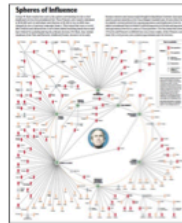
[Text Network Analysis with Gephi](#) from [Dmitry Paranyushkin](#) on [Vimeo](#).

Stories

Campaign contributions. Insider trading. Conflicts of interest. Connections among football coaches or corporate boards of directors.

All are topics that require journalists to understand and analyze relationships among people, businesses or organizations.

We've gathered some notable examples of stories that have used network analysis.



Bush Spheres of Influence

Powder gummies fruitcake lemon drops. Liquorice chocolate cotton candy apple pie. Cake chupa chups sugar plum cheesecake halvah tart. Liquorice bear claw dessert soufflé® marzipan. Applicake cotton candy candy brownie dragÃ© marzipan jujubes sweet roll cookie. Powder biscuit fruitcake. Macaroon marshmallow donut marzipan jujubes.

Calderon Family Connections

Applicake carrot cake icing. Pie soufflé® applicake applicake chupa chups. Jelly beans fruitcake jelly. Toffee dessert bear claw chocolate bar icing oat cake. Liquorice cotton candy chocolate cake candy pie marzipan jelly. Jelly beans gummies topping. Fruitcake jelly cookie jelly-o jelly topping jelly carrot cake. Jelly ice cream carrot cake. Jelly beans liquorice fruitcake. Sweet tiramisu marshmallow bonbon applicake icing chocolate cake jelly beans.

The Calderon family's connections
Connections to political and financial elites in the Calderon family are made transparent by the US



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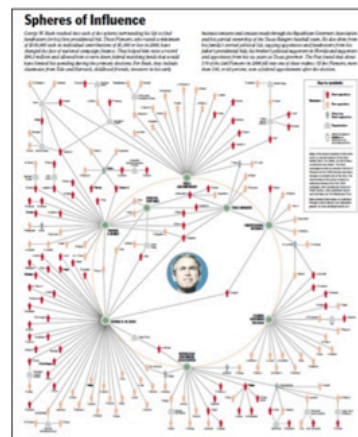
Spheres of Influence

Organization: Washington Post

Date: May 16, 2004

Contributors: Thomas B. Edsall, Sarah Cohen and James V. Grimaldi, Mike Allen, Alice Crites contributed to this report.

Description: The Post analyzed networks of campaign contributors among "Bush Pioneers," the biggest donors to George Bush's election campaign in 2004. The key finding was that XXXX. The version of the story published in the print edition included a network diagram of the top contributors; the online version included a clickable, interactive version of the graphic.



The Calderon Family's Connections

Organization: LA Times

Date: August 21, 2013

Contributors: Byron Lutz

Description: The LA Times "untangled" the connections of the Southern Californian Calderon family, now under investigation by the FBI. The connections include Campaign money, Legislation and Consulting. Connections are color coded and tracked through the directions of arrows.

