DLI Accelerated Data Science Teaching Kit

Lecture 15.7 - Visualizing Clusters

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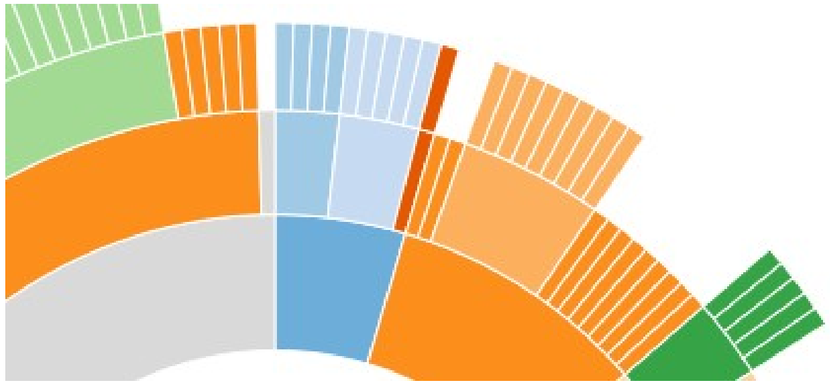
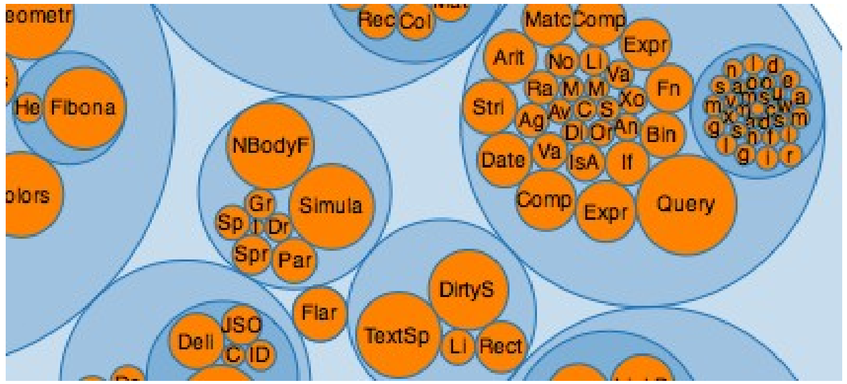
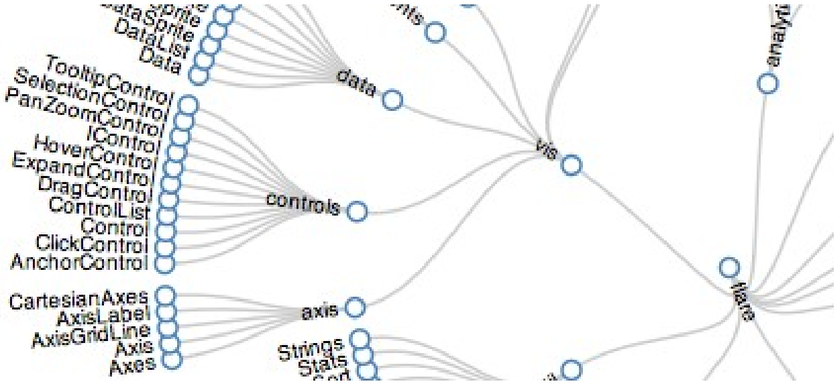
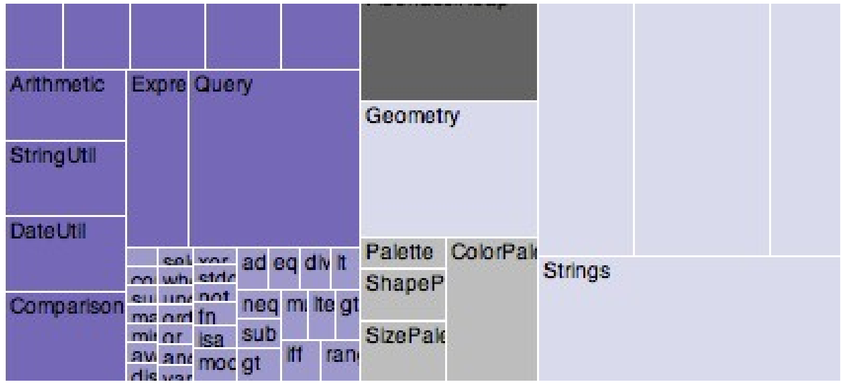
D3 has some built-in techniques









https://github.com/mbostock/d3/wiki/Hierarchy-Layout

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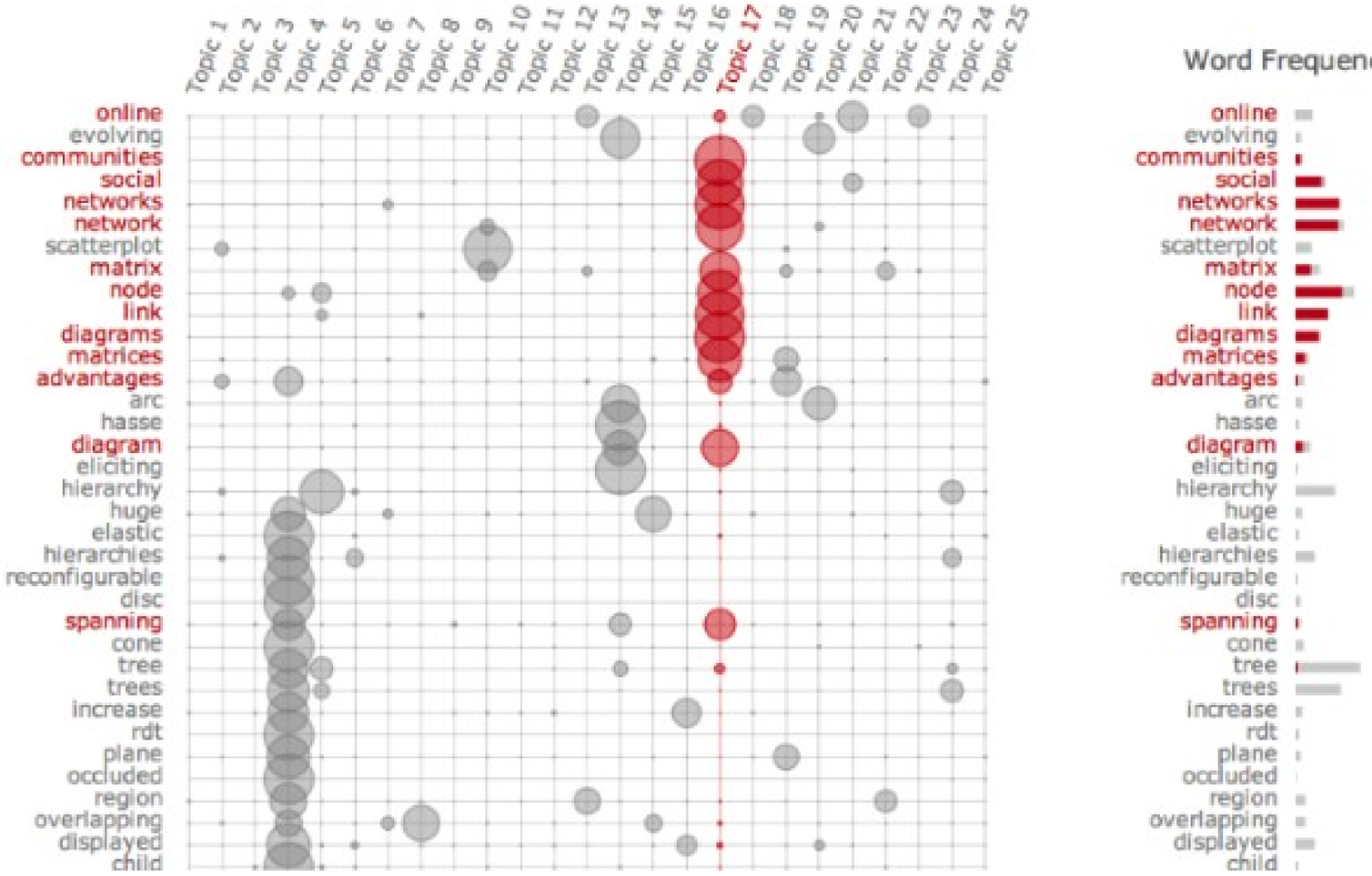
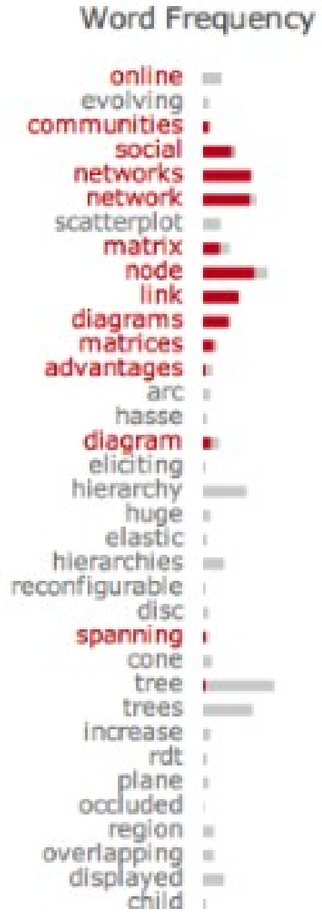
Visualizing Topics as Matrix

Termite: Visualization Techniques for Assessing Textual Topic Models

Jason Chuang, Christopher D. Manning, Jeffrey Heer. AVI 2012.

http://vis.stanford.edu/papers/termite





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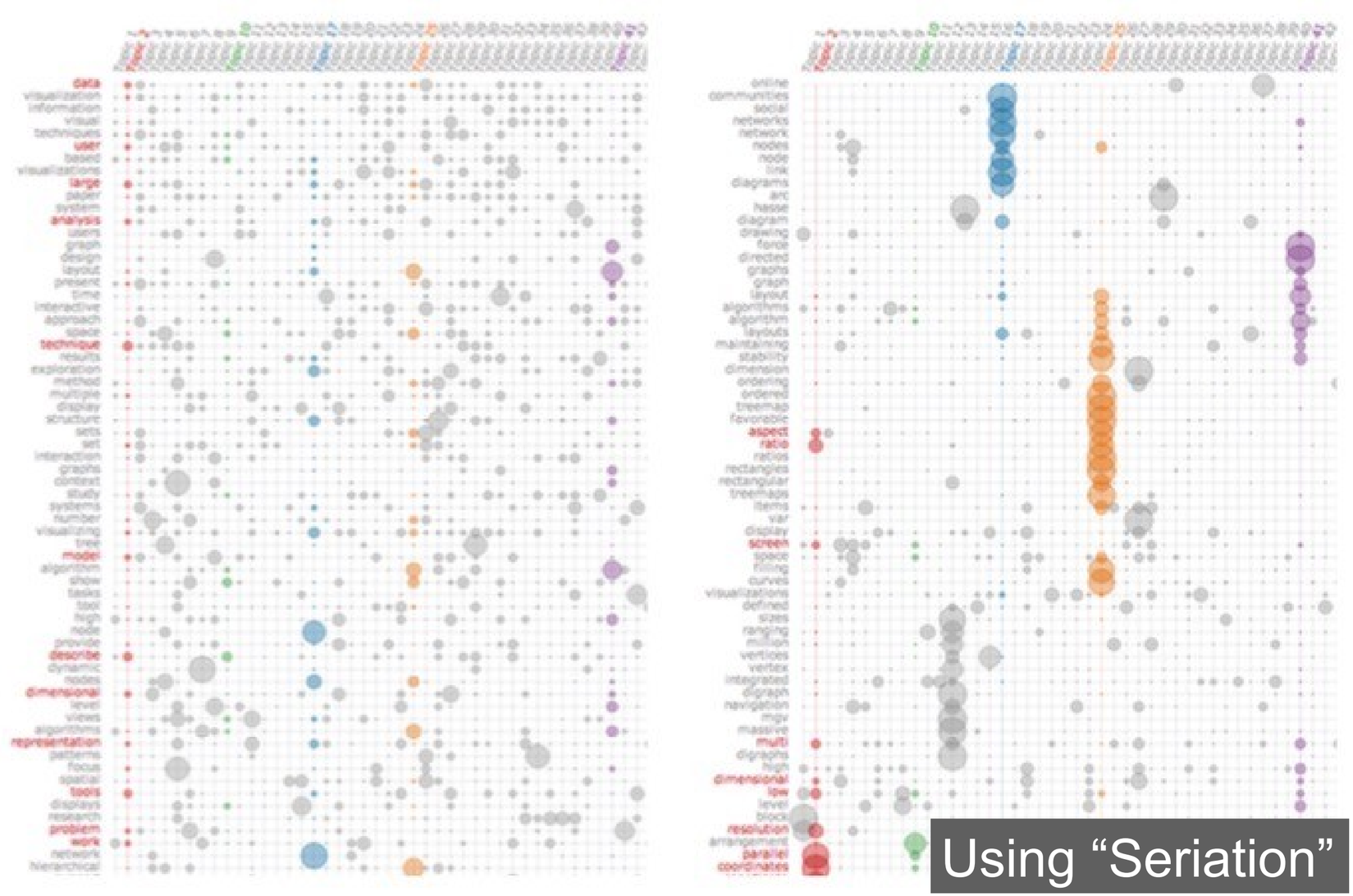
Termite: Topic Model Visualization



Using “Seriation”

http://vis.stanford.edu/papers/termite

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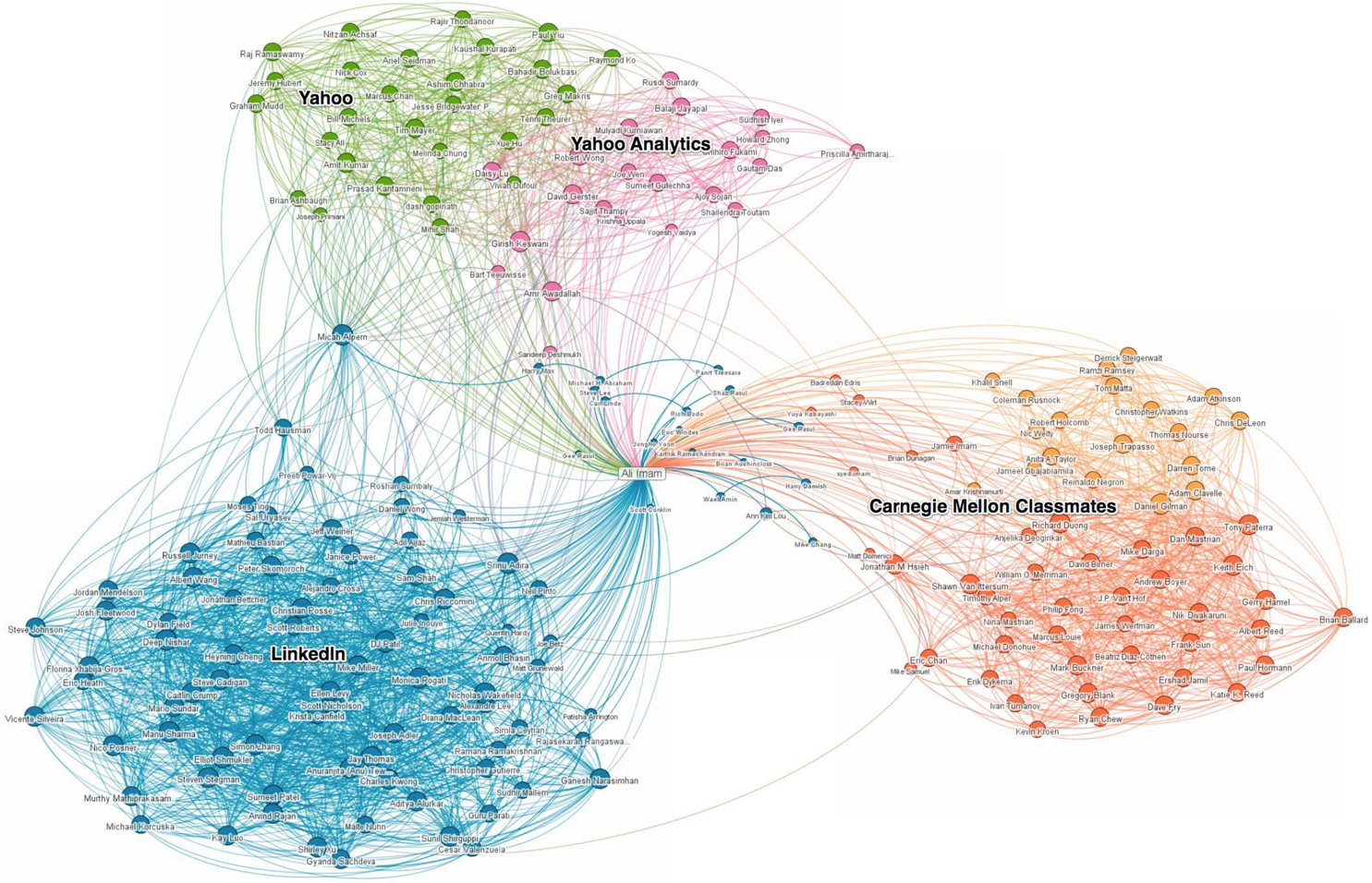
Visualizing Graph Communities (using colors)



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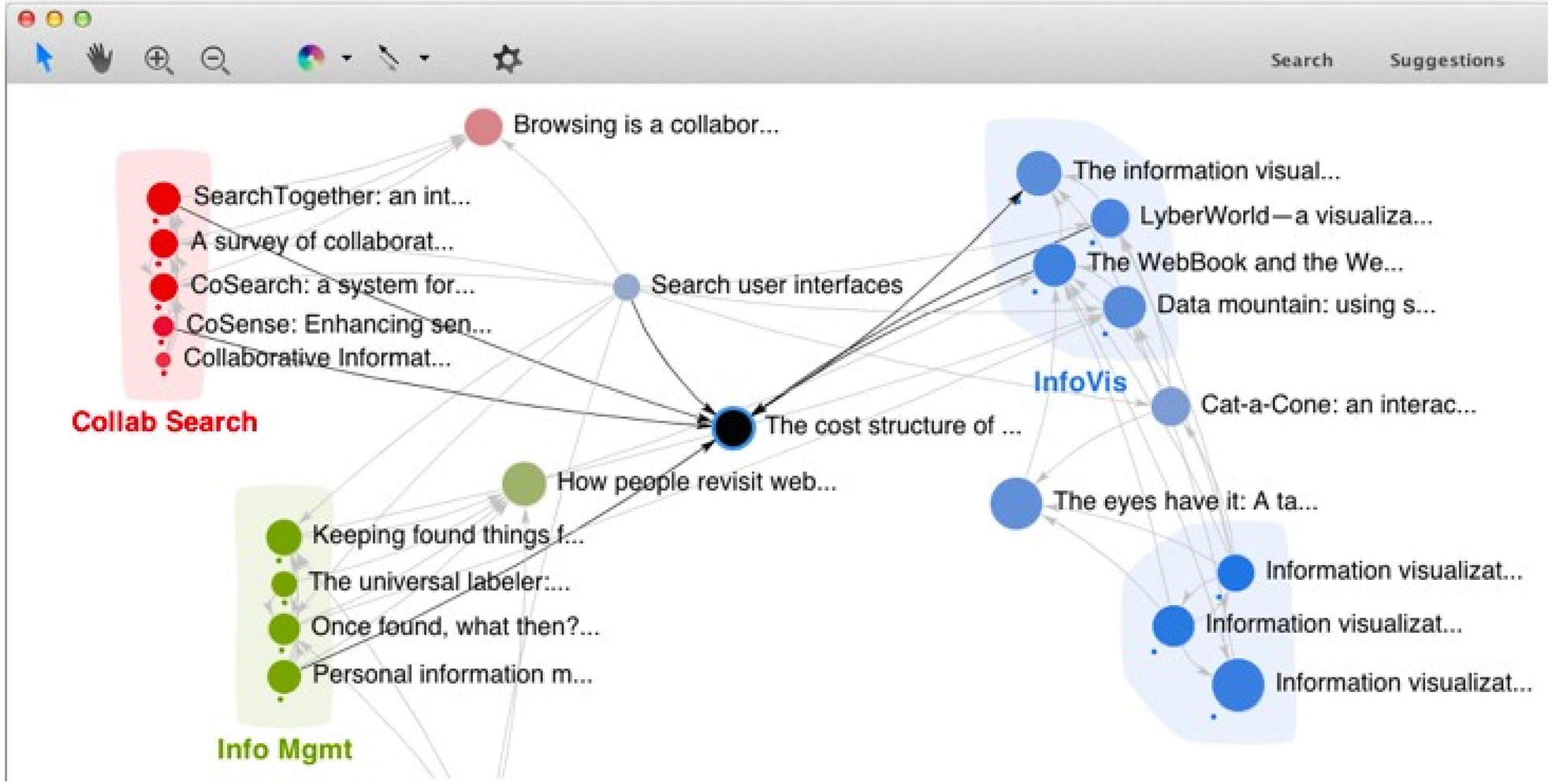
Visualizing Graph Communities

(using colors and convex hulls)



http://www.cc.gatech.edu/~dchau/papers/11-chi-apolo.pdf

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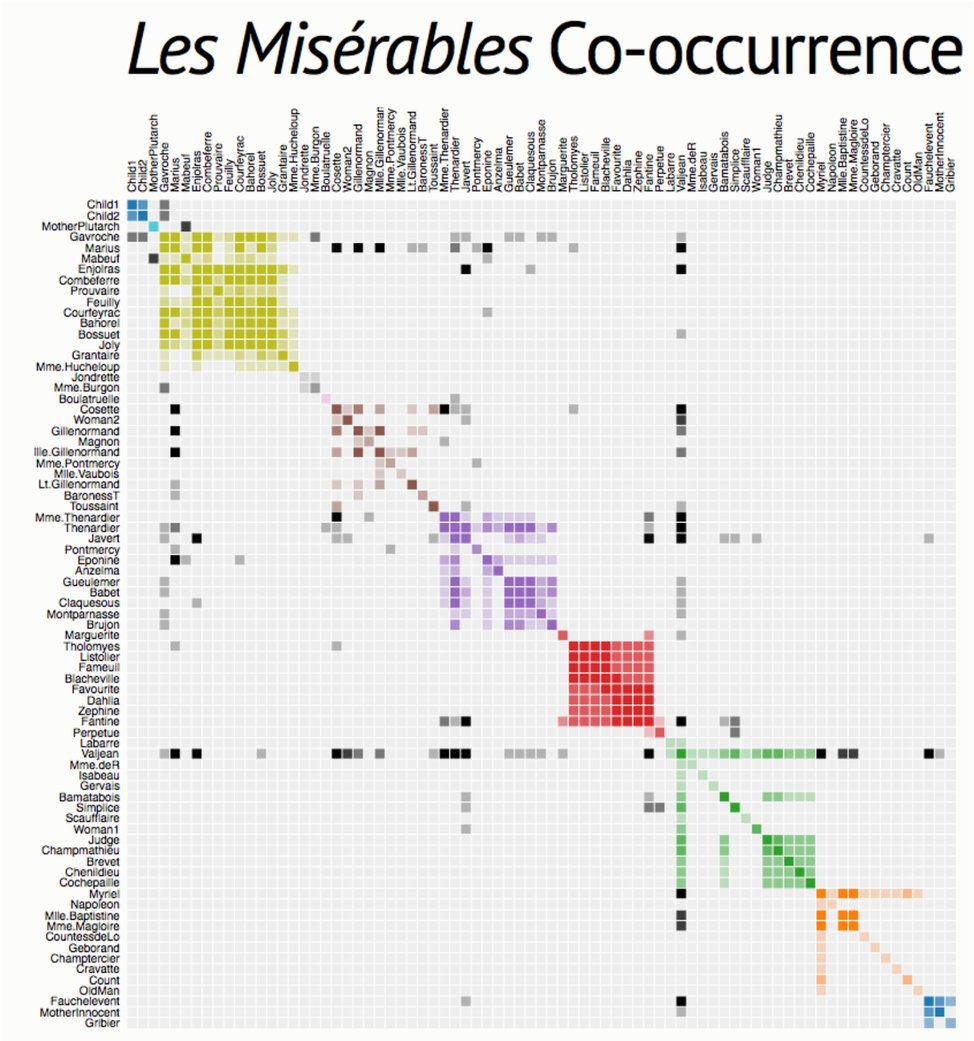
Visualizing Graph Communities as Matrix



https://bost.ocks.org/mike/miserables/

Require good node ordering!

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Thank You