

Micro-Visualizations

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What is a Micro-Visualization?

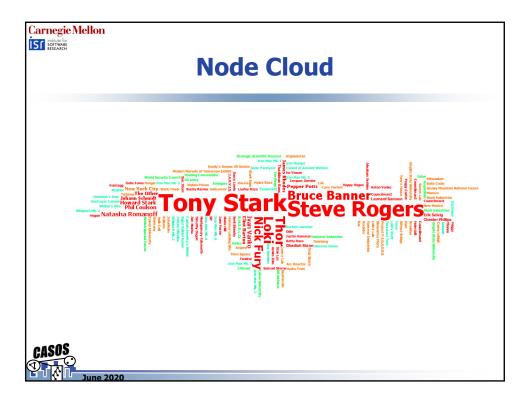
- A Micro-Visualization is a feature that involves simple inputs to generate specific graphics.
- The main Micro-Visualizations that will be demoed today are
 - The Node Cloud (AKA Word Cloud, AKA Nodel)



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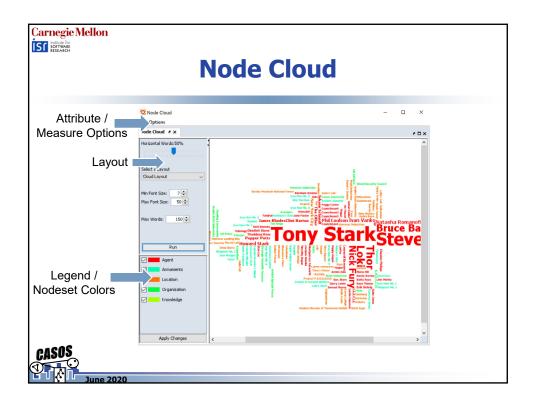
Node Cloud

- Accessed via "Visualizations -> Node Cloud"
- By default, nodes are sized to Total Degree Centrality and colored according to Nodeset.
- Font size range and font family are fully customizable.
- Attributes/Measures/Nodesets can all be used to adjust coloring and sizing.
- Layout can be configured via the panel on the left.



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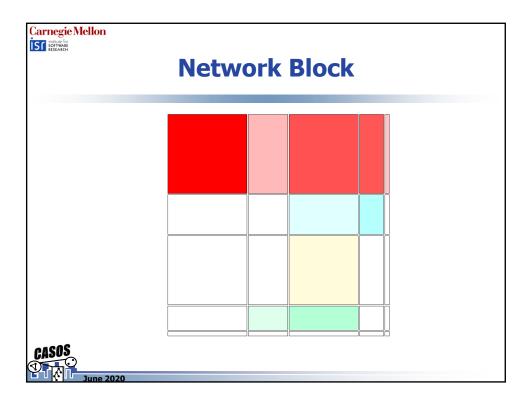
Network Block

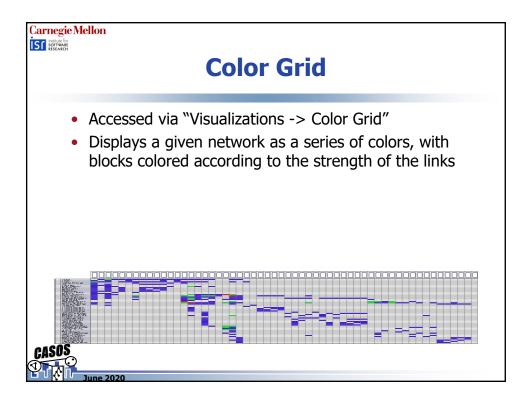
- Accessed via "Visualizations -> Network Block"
- The Network Block is essentially Network Analysis as Modern Art.
- It generates a N by N grid, where N is the number of Nodesets in the meta-network. The sources are along the Y-axis, and the targets are along the X-axis
- The width of a block is proportional to the node count of the target nodeset. The height is proportional to the node count of the source nodeset.
- The color intensity is proportional to the density of the network.



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Network Drill-Down

- Accessed via "Visualizations -> Network Drill Down"
- Creates a hierarchy chart of sorts.
- Users select a root node, and how to branch out from there using specific nodesets.



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