



WiGis: Web-Based Interactive Graph Interfaces



Brynjar Gretarsson, John O'Donovan, Svetlin Bostandjiev, Tobias Höllerer

Real-time interaction and dynamic probing are powerful, helpful tools for analysts.

Lead Investigator: Tobias Höllerer

Our approach:

Make interaction feasible for large-scale data.

Use interaction to predictably explore the data

Make these technologies available to every web user

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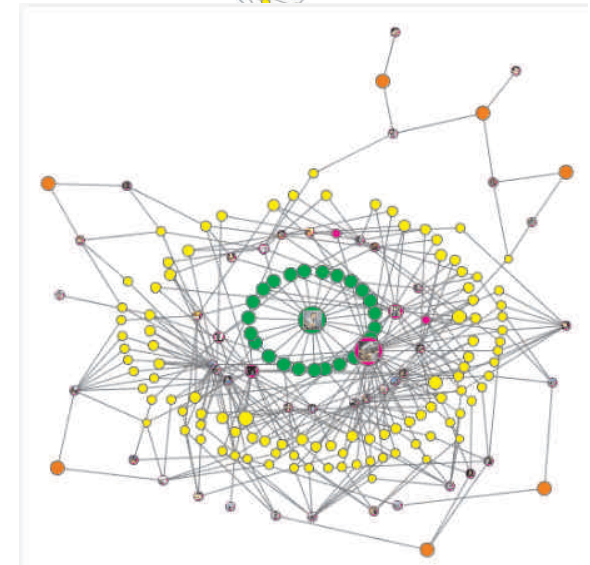
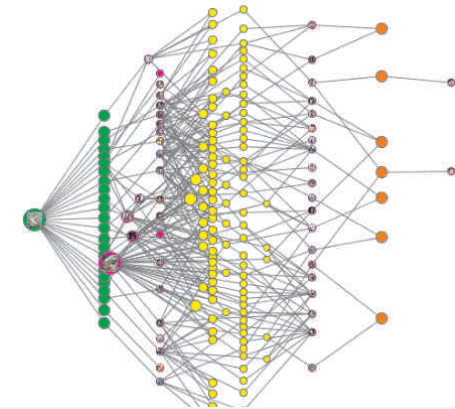
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Key Ideas

- Manage computationally expensive interactive Visualizations.
- Client-side web browsers have varying computational resources.
- Heavy processing can be performed remotely.
- Ajax Techniques used to provide a seamless transition between client and server side processing.
- **Large scale interactive graph visualizations can be provided NATIVELY in a web browser**



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Collaborations Sought:

Researchers / Analysts who have large-scale network data and desire a visual / interactive analysis component.

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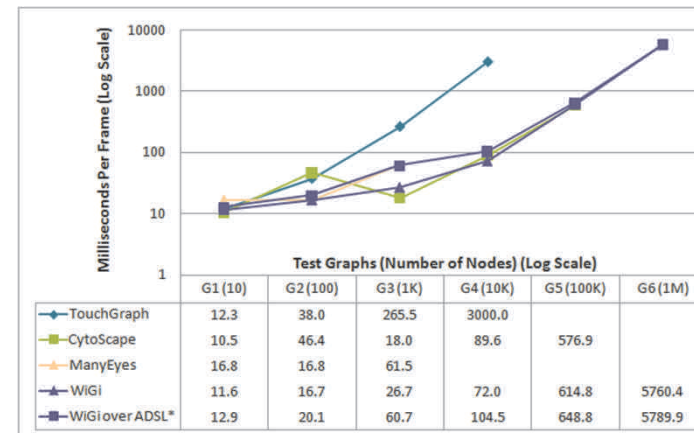
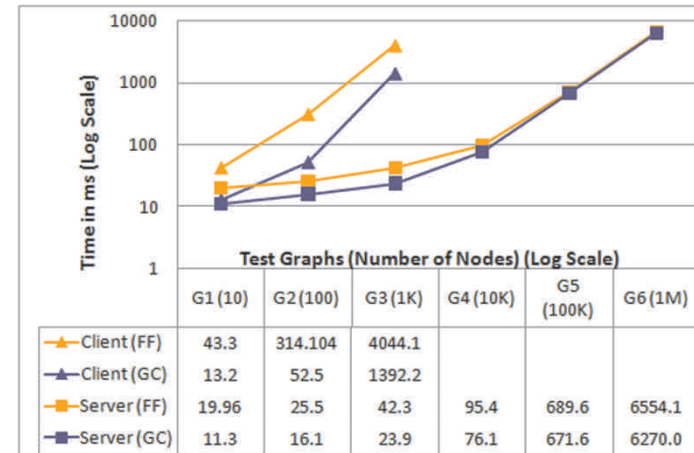
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Interactive visualization of 1M+ nodes.

Scalable by an order of magnitude more than standard web-based graph visualization tools.

Fully Integrated with KDD-Blackbook 2.8.1

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Contact Information



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This work was partially funded by the IARPA KDD program and NSF grant IIS-0840585.

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