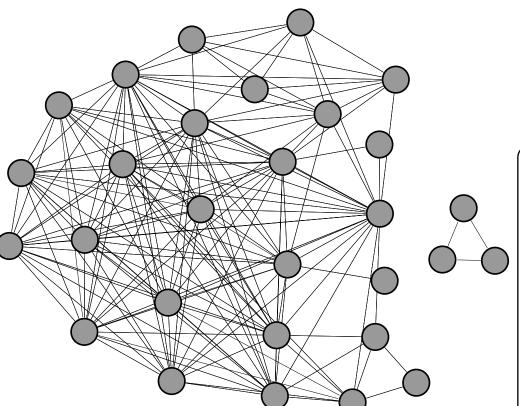
VizPub: Visualizing the Performance of Overlay-Based Pub/Sub Systems

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Overview

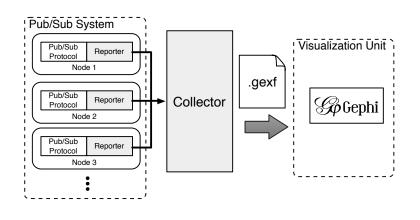
- Tool for visualizing overlay-based pub/ sub systems
- Gain insight into system performance
- Compare different pub/sub systems visually
- Visualize metrics such as node degree and hit-ratio

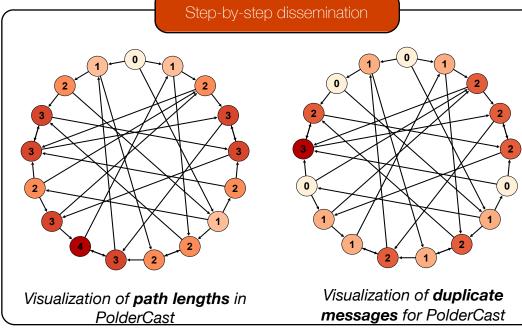


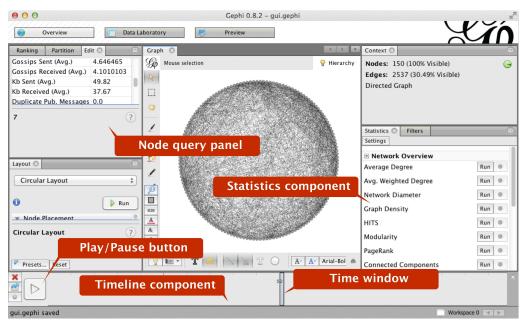
Disconnected component in PolderCast

Architecture

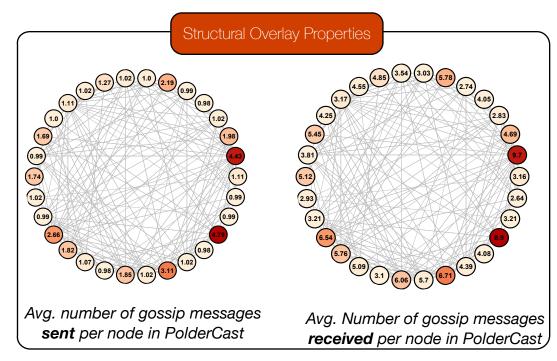
- The Reporter implements the Reporter Interface
- The Collector pulls information from the Reporter
- Metrics are derived and calculated based on the reported information
- The Collector stores the final report in a .GEXF file
- The Visualization Unit reads the .GEXF file using the **Gephi** framework.







Visualize and explore the overlay in Gephi



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Implementation code can be found at:
github.com/vizpub/vizpub