Paper Reading and Critique Week6

20131329 신선우

E. Gansner, Y. Hu, S. Kobourov, "Visualizing Graphs and Clusters as Maps", IEEE Computer Graphics & Applications, Nov/Dec 2010, pp. 54-66.

In this paper, they introduced GMap, a practical algorithm for visualizing relational data with geographical maps which is efficient and can handle large graphs. They represent a scalable force-directed layout algorithm was coupled with a modularity based clustering algorithm and a mapping algorithm. They calimed there are theoretical limitations of planar graphs. But, it captures the underlying relationships well while providing the viewer a readily accessible meaning of the graph.