Visualization of Graphs and Graph Algorithms

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Abstract

In this presentation we describe recent progress and additions to JEdit, a Java based system for drawing graphs and running graph algorithms. This system is designed to be a teaching and learning tool.

JEdit has libraries of well-known graphs and graph algorithms. The animation feature helps visualize the running of algorithms. Recent additions include support of GraphML file format, and enhanced GUI features. A demonstration of the system will be given.