Abstract

The graph drawing and analyzing software JGraphEd is easily available and provides better environment, so that users are capable to study and review the algorithm, resolve a hard headed practical problem and study the functional process via graphical display environment. Although, there are few software's which are capable of solving these problems as the availability and compatibility with various environments has been quite a hard task. The newly proposed algorithms such as checking of Cycles, in a graph, checking of Bi-Partite, of a graph, and Isomorphism Test, provides much better recognition to the user who want to learn the algorithms efficiently and easily. This can be accessed via any Internet browser anytime, anywhere, without downloading and setting up any software.

References

Enhanced JGraphEd Drawing Framework for Graph Drawing Application

- Jon Harris: JGraphEd – "A Java Graph Editor and Graph Drawing Framework," Carleton University, Comp 5901 Directed Studies, April 2004.

**Index Terms**

Computer Science

Applied Mathematics

**Keywords**

Graph, Algorithm, Environments, JGraphEd, Software.