Abstract

The software visualization tools are highly required by the industry and research centers. In past, many specific tools have been developed, whose rate of development does not match the rate of requirement of industry. In this paper, we are going to discuss the analysis of the similar tools available and design & development of our Software Visualization Tool, which focuses the class diagram with attributes and methods of class of object-oriented programming. We design the common algorithm for visualization of object oriented program. The aim of our tool is to simplify the design of complex code, which can be easily maintainable and usable.
Reference

- R. Ian Bull and Margaret-Anne Storey, Jean-Marie Favre: An architecture to support model driven software visualization. IEEE 2006
- Timo Raitalaakso: Dynamic Visualization of C++ Programs with UML sequence diagrams.
- Mariam Sensalire and Patrick Ogao: Visualizing object oriented software: Towards a point of reference for developing tools for industry. IEEE 2008
- Craig Anslow, Stuart Marshall, James Noble, Robert Biddle: Software visualization tool for component reuse.

Index Terms

Computer Science  Software Engineering

Key words
Software visualization    re-engineering    reverse engineering