Abstract

This paper presents a framework for visualization and evaluation of software architectural styles. There has been significant research made to improve the software architecture visualization and evaluation. Most of the tools developed for this purpose don’t satisfy all the framework's elements. Hence the paper presents a framework that builds modules from requirements, measure modularity, visualizes architecture and evaluates the visualized architecture satisfying all elements.

Reference

A Framework for Software Architecture Visualization and Evaluation

- Hassan Reza, Dan Jurgens, Janie White, Jason Anderson, and Jay Peterson, "An Architectural design Selection Tool Design Based on design Tactics, Scenarios and Non Functional Requirements", eit, p. 6, 2005 IEEE International Conference on Electro Information Technology (EIT'05), 2005

Index Terms

Computer Science

Software Engineering

Key words

framework
software architectural styles
visualization and evaluation