Abstract

The traditional software development methodology now cannot meet the expanding software scales, changing software requirement and the software evolution processes very well. Aspect-Oriented Software Engineering (AOSE) helps to meet out these entire problems during software development. With the advancement in the field of software engineering, software requirements are changing at a fast pace which leads to the modification of the existing systems but the problem arises after more and more modifications. Due to this software system becomes more complex to understand and maintain. AOSE approach provides new mechanisms to identify the crosscut elements of a changing requirements specification. In this paper we present a process to identify crosscutting concerns in changing requirements through the AOSE and also represent these crosscutting concerns along with the already existing
requirements by making use of Unified Modeling Language (UML) diagram.

References


Index Terms

Computer Science

Software Engineering

Keywords

Aspect Mining  Reverse Engineering  Reengineering.