Abstract

In AORE, a conflict occurs when two or more crosscutting concerns i.e. aspects having the same priority contribute negatively to each other, need to be composed in the same match point. Conflict resolution is a process that establishes a critical trade-off among such kind of aspects. So, the conflict resolution process is a compulsory process and need to achieve it. Over the last few years, several research efforts have been devoted to resolve conflict in AORE but, still a lot of work is needed. The use of fuzzy logic to conflict resolution is an emerging area that will incorporate one domain in other. In this paper, an attempt is made to apply fuzzy logic for the conflict resolution in AORE.
A Fuzzy Interval based Approach for Handling Conflicts in AORE


Index Terms

Computer Science

Software Engineering

Keywords

Aspect-Oriented Software Development

Aspect-Oriented Requirements Engineering

Conflict Resolution

fuzzy interval