Abstract

Object oriented programming has been presented technology that can fundamentally aid software engineering, but we have found many programming problem where OOP techniques are not sufficient to clearly capture all the important design decisions the program must implements.
This paper introduce case study on Cross-cutting concern in OSPF using AOP, considering
cross-cutting concern method these technique used to cross-cut from C++ implementation of OSPF protocol. Aspect-oriented programming (AOP) is a promising new approach where the description of a complex system/application is enhanced with various aspects, related to communication properties, distribution, synchronization, etc. All aspects can be described separately and are brought together by using a so-called weaver. OSPF protocol are already implement by using object oriented programming techniques, that source code used to find out common aspect.

Reference

- Internetworking with TCP/IP (Vol I)–Comer
- RFC 1358 Routing Information Protocol, January 1993

Index Terms

Computer Science Ubiquitous Computing

Key words

AOP cross-cutting concern
Aspect
OSPF
C++ implementation