A Study on the Application of Martin & Odell's Object-Oriented Analysis Method to Library Management System

莊豐全、包冬意

Email: 8407509@mail.dyu.edu.tw

ABSTRACT

Object-oriented technology (OOT) is a key to software engineering in the future. Its greatest advantage is probably the software reuse. OOT, originated from object-oriented programming techniques, has developed relatively well-fledged analysis methods so far. This research investigates the basic object-oriented (OO) concepts, summarizes and comments various OO analysis methods. Specifically, a case study focusing on library management system is conducted by Martin & Odell's OO analysis method. Furthermore, in comparison of Martin & Odell's OO method with structure analysis method to investigate whether Martin & Odell's OO method is suitable for developing management information system.

Keywords: Object-oriented technique; software reuse; Object-oriented