Abstract

Many of the software fail due to poor quality. Estimating software quality is an important task in the software development. The development of large software system is a time consuming and resource consuming activity. Software metrics are necessary to identify where the resources are needed; they are a crucial source of information for decision making. To produce high quality object oriented applications, a strong emphasis on design aspects, especially during the early phases of software development is necessary. Design metrics play an important role in helping developers to appreciate design aspects of software i.e. improve software quality. By analyzing the metric data we can forecast the quality of the object oriented system. In this paper we propose a model based on fuzzy logic which serves as an integrated means to provide an interpretation of the OOD metrics of the CK metric suite.
References


Index Terms

Computer Science Emerging Trends in Technology

Keywords

Ood Metrics Quality Fuzzy Logic Ck Metrics