Abstract

Necessity for a Productive software has been culminating and Object-Oriented Design technique is providing solution to this as it is the most powerful mechanism for developing proficient software systems. It is helpful not only in declining the cost but also in the development of high quality software systems. Software developers require accurate metrics for developing efficient software system. Object-Oriented Metrics plays a significant role pertaining to this aspect because of their importance in the development of successful software applications. In this paper Assessment of the current state of the art in Metrics and Object-Oriented Software System Quality is done. Further it contains short descriptive taxonomy of the Object-Oriented Design and Metrics.

References

- B. Delatte, M. Heitz, and J. F. Muller, HOOD Reference Manual 3.1, Masson, Paris,
1993.
- P. Coad and E. Yourdon, Object-Oriented Analysis, Yourdon Press, Prentice Hall, New Jersey, 1990.
- J. Al Dallal, “Mathematical Validation of Object-Oriented Class Cohesion Metrics,” Int’l J.

Index Terms

Computer Science
Software Engineering

Keywords
System Metrics Model Software Object-Oriented