Abstract

In the object-oriented environment, one of the most important aspects having strong influence on the quality of resulting software system is the design complexity. The OO model offers the technology to create components that can be used for general programming. Design complexity has been imagining to play a strong role in the quality of the resulting software system in OO development environments. This paper gives the design of CK suit of metrics and evaluation to these metrics so that these metrics should reflect accurate and precise results for object oriented based systems. Moreover, a set of new metrics are proposed that can find the impact on reusability of a class by using the combination of one CK metric with another metric.

References

Analysis of Reusability of Object-Oriented System using CK Metrics


- Briand, L., Arisholm, E., Counsell, S., Houdek, F., and Thevenod-Fosse, P.


Index Terms

Computer Science  Software Engineering

Keywords

Reusability  CK Metric  Object - Oriented