Abstract

The complexity metrics has an important role in assessing the quality of source code. Obtainable complexity metrics is failed to accumulate precise system failure information. In this work proposes adequate complexity metrics for structural measure which collect the exact system information that cause the system failure in source code. Then, by censure McCabe’s cyclomatic number and the framework of adequate metrics that can be extensively observe the
structural complexity of the various statements in the code. The proposed metrics verifies the accuracy of the source code evaluation, gains the proportion of software complexity metric by the experimental approach whereas, software complexity measurement is consistent with the actual result.

**Reference**

- N.Salman, 2006. Complexity metrics as predictors of maintainability and integrability of
software components, Journal of Arts and Sciences Cankaya University, pp 39-50.

**Index Terms**

Computer Science

Software Engineering

**Key words**

Advanced Complexity Measurement

Decision Statement Weight

Total Information

(Ti)

McCabe Cyclomatic number