Abstract
In software testing, test case generation is an important activity to ensure software quality. Various test case generation techniques are being provided for high reliable software systems. It becomes critical to execute all the test cases in certain time period. In order to reduce the number of test cases, test suite reduction techniques with respect to some coverage criteria are used. This paper provides the significance of classification tree method and combined classification tree method over equivalence class partition method for test case generation. This paper presents a comparison of these test case generation methods to show that which method has good potential to use for test suite reduction.

Reference


Index Terms

Computer Science Wireless

Key words

Classification tree method
Equivalence class partition method
Combined classification tree method
Coverage criteria
Test case generation
Test Suite Reduction