A Comparative study of Test Exit Criteria in Software Testing

Abstract

Software Testing refers to the set of activities carried out on the software with the intent of finding errors. It is one to ascertain that the software meets all its specifications. For any software a very large number of scenarios and input value combinations exist and testing the software for each of these combinations is not possible. And, also the time and resources for testing are limited so the challenge of testing is to test maximum functionality in the available time period. Hence, Test Exit criteria or when to stop testing, is of utmost importance. In this paper we will discuss the different Test Exit criteria and focus on their comparison to determine which one of them is the best which covers maximum functionality of the software.

References

- Louis Tamres, 2002 "Software Testing\", Pearson Education Asia,
- Ram Chillarege, 1999, "Software testing Best Practices\"; IBM Research
New Age
- Ian Somerville, 2006, Software Engineering, 8TH edition

Index Terms

Computer Science
Software Testing

Keywords
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