Software Fault Localization: A Survey

Abstract

Now a day’s Software is required in all professional disciplines. Hence, it is required to check software for fault localization to maintain the software quality. Software fault localization is an activity of finding the locations of fault in a program. Considering the increasing complexity of software, manual fault localization is not feasible, there is a firm necessity for techniques which can lead software developers to the location of faults with essential interference. Scientists and analysts have designed many different methods for locating software faults in the past few years, which aims to make it more adequate by ambushing the problem in a unique way. This paper gives a comprehensive review of various methods and techniques for locating faults that have been proposed in such valuable published resource.

References

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Index Terms

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Keywords

Fault Localization, Debugging, Software Testing.