Critical Review on Test Case Generation Systems and Techniques

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Abstract

Software testing has valuable and important place in software development life cycle. It is used to identify the quality and good performance of software. For the software testing phases we have to need the proper test case. Test case may be generated manually and automatically. Generating test case manually will take more time and cost. Automatic test case generation will reduce time and cost. This paper combine review on test case generation systems, object oriented, and procedure oriented and component based development and agent oriented system. This paper also gives the overview on the techniques which is used to generate the test case.

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Keywords

test case generation, techniques, specification based, sketch diagram based, source code based, systems, object oriented, agent oriented, service oriented, component base software.