

A survey on prioritization regression testing test case

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Abstract:

Regression testing is a process used to measure the validity of the system during software maintenance. Regression testing process is very expensive and must be introduced each time a modification occurs in software to ensure that the system still work and that the new modification doesn't cause any bugs, this process depends on selecting test cases from a test suite. Selection of test cases is very critical since it affect the regression testing time and effort, so that many algorithms exist to enhance regression testing process. One of the methods used to make enhancements is to select test cases using prioritization testing techniques. Prioritization techniques find the bugs early to improve regression testing efficiency by prioritizing the test cases. In this paper many regression testing prioritization techniques were reviewed and analyzed.

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