PREDICT TECHNICAL DEFECTS IN STATIC CODE ANALYSIS

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Abstract

Predicting bugs is generally a huge contesting work around the software development and service process. Predicting bugs of the software in earlier phases early causes a big impact,it is an essential task which can increase the good, accuracy , economy and decrease the all value of a software.Furthermore , building a robust system to predict and clarify potential bugs is a contest task. In version control code pushing with a small amount of faults to a repository, is an uncommon scenario in the working environment. To describe bugs before pushing to GIT build on Machine Learning and GIT hooks, is a system proposed in this thesis. Also many examinations and surveys have been held through the software developers who have experience and skill in the set for a definite time period.

Subject Description: Metrics—complexity measures, performance measures
Keywords: Software bugs, bugs prediction, GIT commits, future bugs