Abstract

It has been well accepted by the software professionals as well as researchers that software systems have to evolve themselves to survive successfully. Software evolution is a crucial activity for software organizations. The objective of this paper is to identify critical challenges and giving a proposal against those in the area of software change management. The paper focuses on the existing issues of software change management. Software change impact analysis, software change propagation and regression testing are the key steps in change management process.


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Yu-Chi Huang, Kuan-Li Peng, and Chin-Yu Huang. A history-based cost-cognizant test case prioritization technique in regression testing, J. Syst. Softw.
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