A Review on Software Maintenance Issues and How to Reduce Maintenance Efforts

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Abstract

Software Maintenance and evolution are identifying by their huge cost and slow speed of implementation. Survey showed that around 60% of the maintenance effort was on the total cost of software. But after delivering the software to the client, the maintenance work begins. This paper suggests some issues and problems faced by software maintenance process. There are some issues of software maintenance i. e.: database size, system age, maintenance budget, system size, staff size or restructuring for change. This paper presents several ways to reduce cost and efforts involved in software maintenance. Software maintenance costs can be reduced significantly if the software architecture is well defined, clearly documented, and creates an environment that promotes design consistency through the use of guidelines and testing quality.

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Keywords

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