Impact of Software Design Aspects on Usability

Volume 61 - Number 22
Year of Publication: 2013

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10.5120/10233-5043

Abstract

Software usability of software system specified how much user feels comfort and attract towards specific system environment, on the other hand Software designing is also an important factor affecting software system success. Usability is not a function of time although researchers have come up with various models and matrices relating these two concepts. It is very important quality attribute of software system. The success and failure of system in economic manner depends on the software usability, which is directly related to software design. This survey paper discusses on various aspects of designing and their effect on usability of system. Measurement in software is still in its initial stage and it has been found that modern day software's have become so complex that it directly affects the software usability. In this survey paper also discuss about various impacts that occur on usability due to software design complexity and discussed various methodologies and previous work related to design complexity and Usability separately as well as together, so that it will become easily analyze impact of software design on software usability.

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Index Terms

Computer Science Software Engineering

Keywords

Usability Software Design Complexity Human Computer Interaction Maintainability