Abstract

When we talk about the User acceptance testing of the software then two quality matrices come into our mind. They are Reliability & Availability. These two parameters are the most important measures for evaluating the quality of the software system and represents user-oriented view of software quality. Reliability and availability must be engineered into software from the onset of its development, and potential problems must be detected in the early stages, when it is easier and less expensive to implement modifications. For this reason, a method is needed for analyzing software architecture with respect to reliability and availability. In this paper, we survey and examine different methods of reliability & availability analysis based on software architecture.

References

An Overview of Methods of Reliability and Availability Analysis based on Software Architecture


Index Terms
Keywords
Reliability and availability analysis  Software architecture  Software components