Abstract

In the recent years, embedded systems have become so complex that the development and testing time is becoming extremely time consuming. As embedded systems include more and more functions for new services, embedded systems are presenting challenges with respect to the attributes of security, scalability, availability, and performance with deterministic behavior. This paper presents the issues that affect testing process and technologies, which can be ameliorated by Rational Test Real-Time (RT-RT). Generally Object Oriented Approach is adopted while designing the embedded systems so all the architectural specification is analyzed in the paper.

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