Towards the Proper Integration of Extra-Functional Requirements

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Abstract

In spite of the many achievements in software engineering, proper treatment of extra-functional requirements (also known as non-functional requirements) within the software development process is still a challenge to our discipline. The application of functionality-b to major contradictions in the joint modelling of functional and extra-functional requirements. Based on a thorough discussion on the nature of extra-functional requirements as well as on open issues in coping with them, this paper emphasizes the role of extra-functi process. Particularly, a framework supporting the explicit integration of extra functional requirements into a conventional phase-driven process model is proposed and outlined.

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