عنوان مقاله:

A Quantitative Approach to Compare Agent Based Software Development Methodologies

محل انتشار:

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خلاصه مقاله:

In recent years, numerous methodologies have been suggested in the area of agent-oriented sofhuare engineering. Each methodology has its own strengths and weaknesses. Therefore, selecting an appropriate methodology is too critical in sofhuare. development process and may lead to a decrease in software development cost and effort. Thus, Evaluation of methodologies plays an important role in developing new ethodologies and improving existing ones. It can also help developers to choose the suitable methodologv during their application development. This paper introduces a quantitative approach for evaluation and comparison of agent oriented rnethodologies. The proposed method is used to compare three methodologies (MUSE, Prometheus and MESSAGE) in the context of a typical case study.

کلمات کلیدی:

Agent-based systems, Agent-based methodologies, Evaluation of methodologies through case study, Comparison of methodologies

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