Evaluation of Object Oriented Requirements Engineering Frameworks: A Study

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Abstract

With the growing demand of Object Oriented paradigm in the development of large scale information system, a "good" requirements engineering framework has become essential for analysis of requirements and related models for such system. Though various proposals of requirements engineering frameworks are exist in the literatures but they are varied in the specification mechanism of the requirements and the exploration of object oriented paradigm in the process. This paper has summarized the available object oriented requirements engineering frameworks with their relative advantages and disadvantages. On next, several features have been proposed and described which are essential to characterize the quality and usability of such frameworks. Based on those features a detailed comparative study also has been performed for the available frameworks. Finally, several potential issues have been described as future research directions for object oriented requirements engineering frameworks.

References

- A. V. Lamsweerde, "Goal-Oriented Requirements Engineering: A Guided...

Index Terms

Computer Science
Software Engineering

Keywords

Requirement Object  Requirement Analysis  Business Object  Requirements Engineering Framework

Object Oriented Analysis