Abstract Details

Title: Review Paper for Variability in Software Reuse Concepts

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Abstract: While tradition method fail to account for growth opportunities flexibility generated by investment in reuse, the introduction of option pricing theory can enhance the design and evaluation of software reuse project. Similarly, discipline of business strategy hold promise to help to fill the void of "strategic context" within which reuse investment happens. Particularly important among those risks are failures to effectively address quality attribute requirements such as performance, availability, security, and modifiability. The proposed research work provides an overview of architecture approaches and their effect on quality attributes, establishes an organized collection of design-related questions that an architecture evaluator may use to analyze the ability of the architecture to meet quality requirements, and provides a brief sample evaluation.

Keywords: Arbitrage, Camp, Competitive position, CCA, Decision tree analysis, Hedge Ratio, RADR.