A Stakeholder Negotiation Process for Deriving COTS Evaluation Criteria

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1. Introduction

Several COTS evaluation processes such as those in [4] and [7] utilize a weighted aggregation (or a similar) method to evaluate COTS products' functional and non-functional capabilities. The weighted aggregation method uses $\sum (COTS\ score \times weight\ of\ the\ criteria)$ to score COTS products relative to each other. However, so far there is little literature that guides users in weighting the evaluation criteria and scoring COTS products on these criteria. In [2] and [3] authors have presented a stakeholder-driven process that is used to elicit stakeholder Win conditions, which can then transformed into prioritized requirements [1][5]. In this poster we present a tailored version of such a stakeholder-driven process that can be applied in the COTS context to define a weighted COTS evaluation criteria as well as a scale for scoring COTS products.

2. References


