

Experiences from Using ICMM in Inspection Process Assessment

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Abstract

Inspection Capability Maturity Model (ICMM) is a new tool for the assessment and improvement of software inspection practices in an organization. This paper presents the first experiences in using ICMM. The model structure and usability is evaluated based on the data collected from eight case organizations. The major findings support the conclusion that ICMM worked well in identifying the weaknesses in the current inspection practices. First, the perceived inspection quality in the organizations was correlated with the assessment results. Second, the identified weaknesses appear to be related with the problems faced in inspection practices. Finally, the collected experiences provided some useful improvement suggestions for ICMM.