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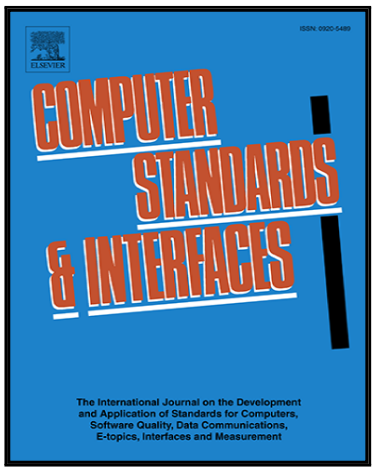

Formalizing ISO/IEC 15504-5 and SEI CMMI v1.3 - Enabling Automatic Inference of Maturity and Capability Levels

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PII: S0920-5489(18)30038-2
DOI: 10.1016/j.csi.2018.04.007
Reference: CSI 3281

To appear in: *Computer Standards & Interfaces*

Received date: 1 February 2018
Revised date: 25 April 2018
Accepted date: 29 April 2018

Please cite this article as: Diogo Proença , José Borbinha , Formalizing ISO/IEC 15504-5 and SEI CMMI v1.3 - Enabling Automatic Inference of Maturity and Capability Levels, *Computer Standards & Interfaces* (2018), doi: 10.1016/j.csi.2018.04.007

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Highlights

- Formalizations that capture definitions of the ISO/IEC 15504-5 and SEI CMMI v1.3 models
- The formalizations are expressed in a formal language (OWL)
- The objectives are to be consistent with the models and to be effective
- OWL reasoners are used to derive the capability levels and maturity levels
- The results were positive, the formalizations faithfully captured both models

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