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# WORKING PAPER

# A Comprehensive Framework for Conceptual Modeling Quality

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January 2010

2010/631

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# A Comprehensive Framework for Conceptual Modeling Quality

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**Abstract --** The goal of any modeling activity is a complete and accurate understanding of the real world domain, within the bounds of the problem at hand and keeping in mind the goals of the actors involved. High quality representations are critical to that understanding. This paper proposes a comprehensive Conceptual Modeling Quality Framework, bringing together two well-known quality frameworks: the framework of Lindland, Sindre, and Sølvberg (LSS) and that of Wand and Weber based on Bunge's ontology (BWW). This framework builds upon the strengths of the LSS and BWW frameworks, bringing together and organizing the various quality cornerstones and then defining the many quality dimensions that connect one to another. It presents a unified view of Conceptual Modeling Quality that can benefit both researchers and practitioners.