

Approaches to Software Model Inconsistency Management (Keynote)

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Abstract. In this talk we focus on the problem of model inconsistency management, an active field of research in model-driven software engineering. We focus on the activity of inconsistency resolution in particular. Automating the resolution of model inconsistencies turns out to be quite a challenge. We provide an overview of a number of research approaches to inconsistency resolution that have been proposed, discuss their limitations, and propose some novel research avenues in this important area of research.