(Co-)Evolution of Models

Description

Model evolution is inevitable with today’s continuous software. When the systems have metamodels, co-evolution of model versions and metamodel version is needed. Additionally, multi-view modeling is required especially for large scale software and distributed systems. The consistency problem occurs when some viewpoint of the software evolves to maintain the whole software. This seminar discusses the challenges on evolution and co-evolution of multiple models when one of them evolves. It does not only considers the generic approaches, but also investigates the specific type of models for architectural models and non-functional models.

P.S. Please define a literature path from RoR (references of references), ask for help and cooperate with me to read some papers simultaneously for discussions.

References


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