CHALLENGES AHEAD OF MULTI-LEVEL MODELING

MULTI – LEVEL MODELING…

- … as a research field
  - Several theoretical variants
    - Potency-based/level-blind/…
    - Partially common vocabulary (Clabject, Classifier, Field/slot (?))
  - Intention to…
    - … improve existing solutions (e.g. expressiveness)
    - … understand each other

That's why the MULTI workshop is alive and vivid

MULTI – LEVEL MODELING…

- … as a practical technique
  - Workbenches
    - Proof-of-concept vs. industrial use
    - Editor features (refactoring, undo/redo, collaborative editing, …)
    - User-experience, e.g. handle visualization complexity
    - Number of independent end-users (testers)

  - Usability
    - Scaling (e.g. 1M model items), automation, scripting interface
    - Interoperability with existing systems
    - Applicability (requirements from the industry)

  - Lack of industrial case studies/success stories

THEORY VS PRACTICE

- Only theory can give appropriate answers, but the right questions are born by practice

- MULTI needs to analyze…
  - … industrial requirements, domains ("What should I express?")
  - … system development processes (e. g. evolution of requirements)
  - … existing non-multi solutions (learn from the best)
  - … interoperability possibilities

THE FUTURE

How do we proceed?