Heterogeneous Megamodel Management with MMINT

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Abstract. Model Management addresses the accidental complexity caused by the proliferation of models in software engineering. It provides a high-level view in which entire models and their relationships (i.e., mappings between models) can be manipulated using transformations, such as match and merge, to implement management tasks. Other model management frameworks focus on support for the programming required to prepare for model management activities at the expense of the user environment needed to facilitate these activities. We demonstrate MMINT—a model management tool that provides a graphical and interactive environment for model management. MMINT has many features that help manage complexity while reducing effort in carrying out model management tasks. We illustrate MMINT’s latest features which address heterogeneous megamodels.

MMINT is available at: https://github.com/adisandro/MMINT

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