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Agric. Econ. – Czech

M. Pícka

Metamodeling and development of information systems

Agric. Econ. – Czech, 50 (2004): 65-70

Metamodeling is becoming an important part of information systems development. When metamodeling we are working with metamodel which define the syntax and the semantics of models. There are a lot of standards for definition of metamodel e.g. COMMA, GOPRR, MOF.

Metamodeling is used for defining and creating of new methodologies, their implementation into CASE and

metaCASE tools. Metamodeling is used for manipulation of data and metadata and for optimization of information's system design with utilization of generic models. The aims of this article are: to discuss fundamental concepts of metamodeling, demonstrate some theoretically and practically important meta-metamodels and to position metamodeling principles in the development of information systems.

Keywords:

model, metamodel, meta-metamodel, metamodeling, methodology, metaCASE, MOF, COMMA, GOPRR, generic model

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