

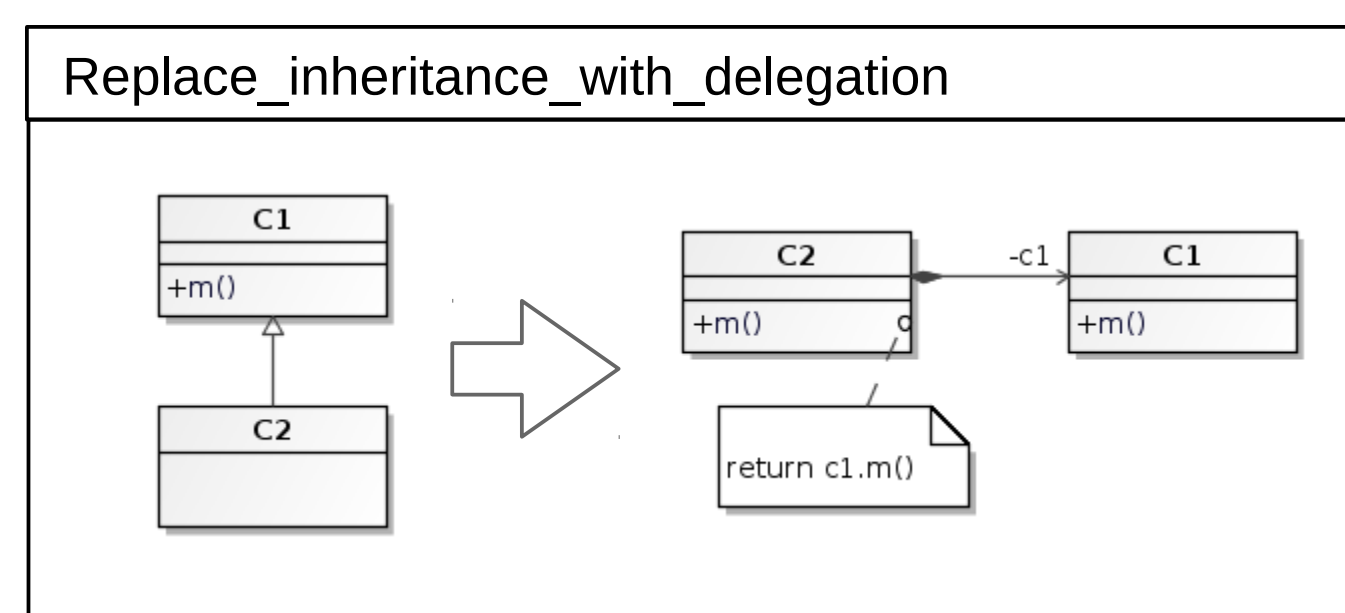
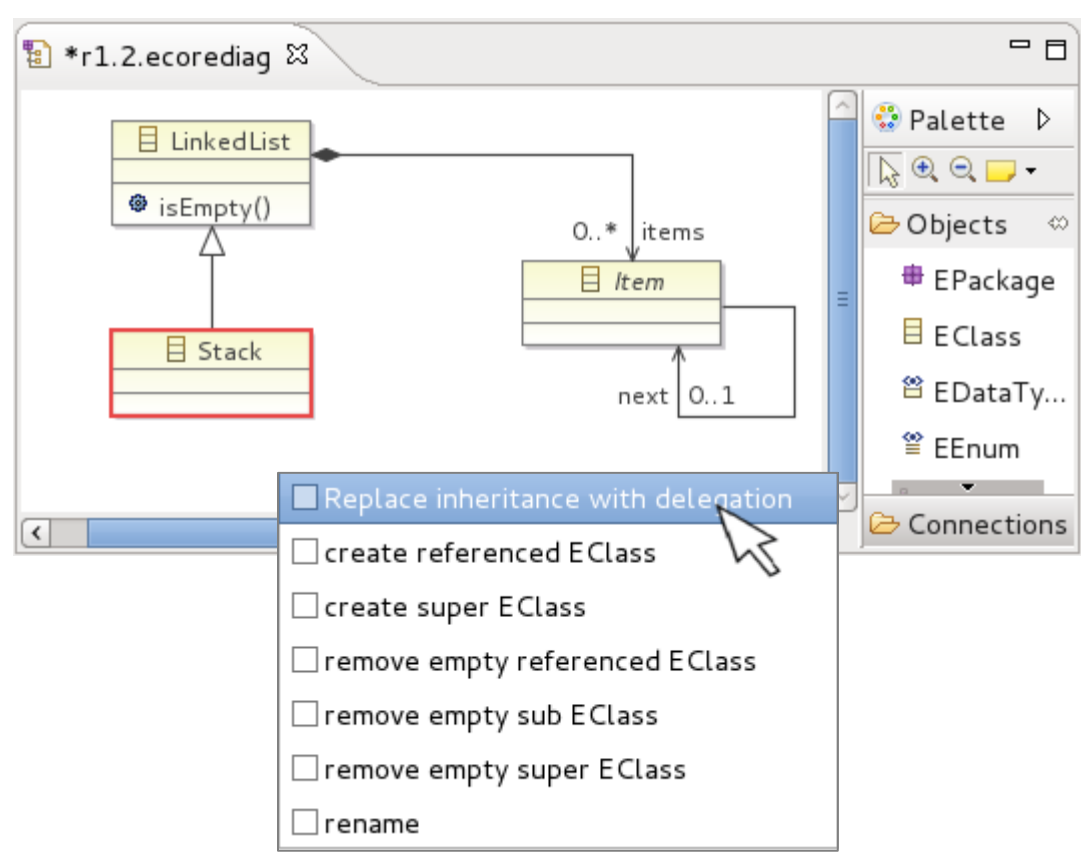
Specifying and Recognizing Model Changes Based on Edit Operations

MOCA

Two key MDD technologies that have evolved independently:

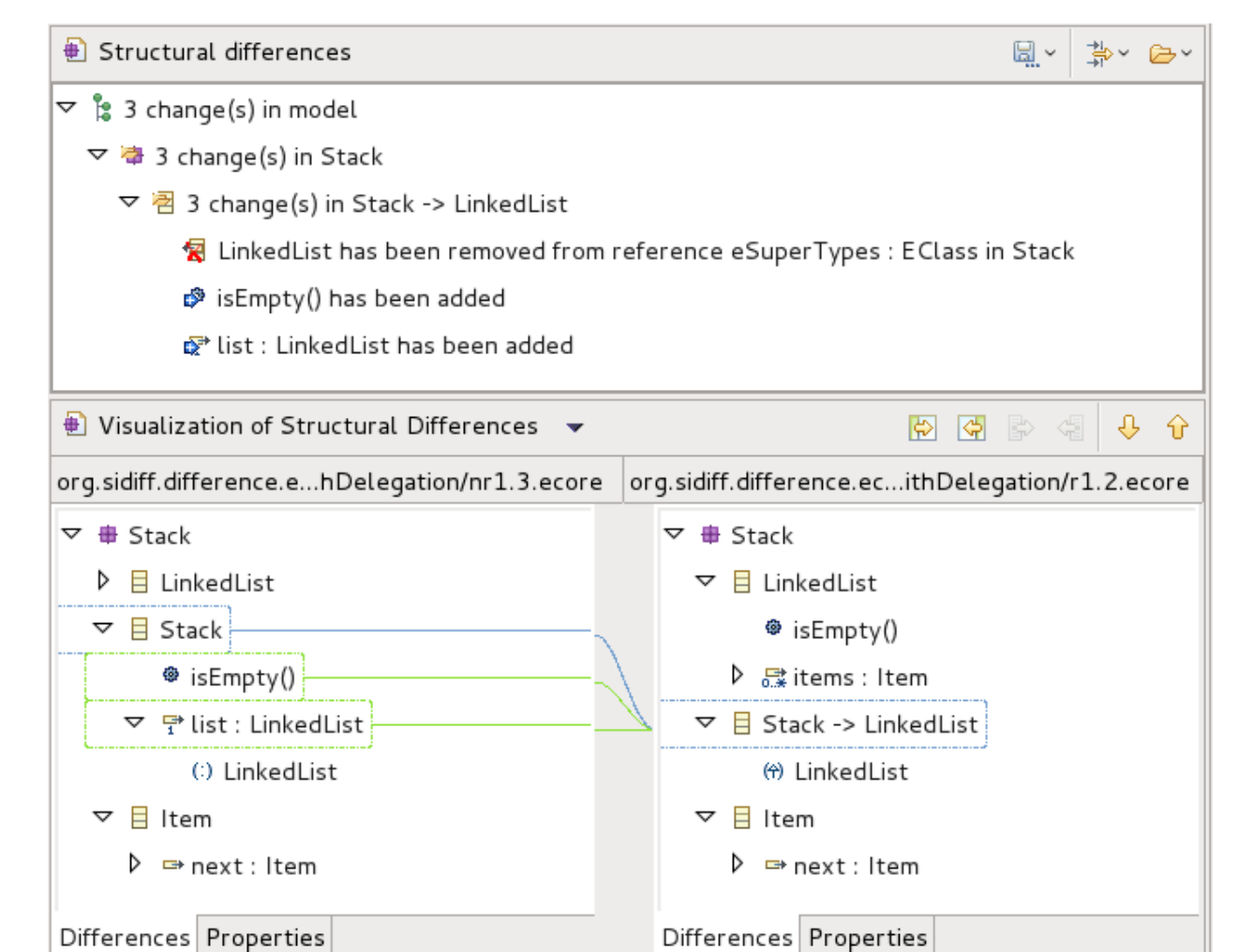
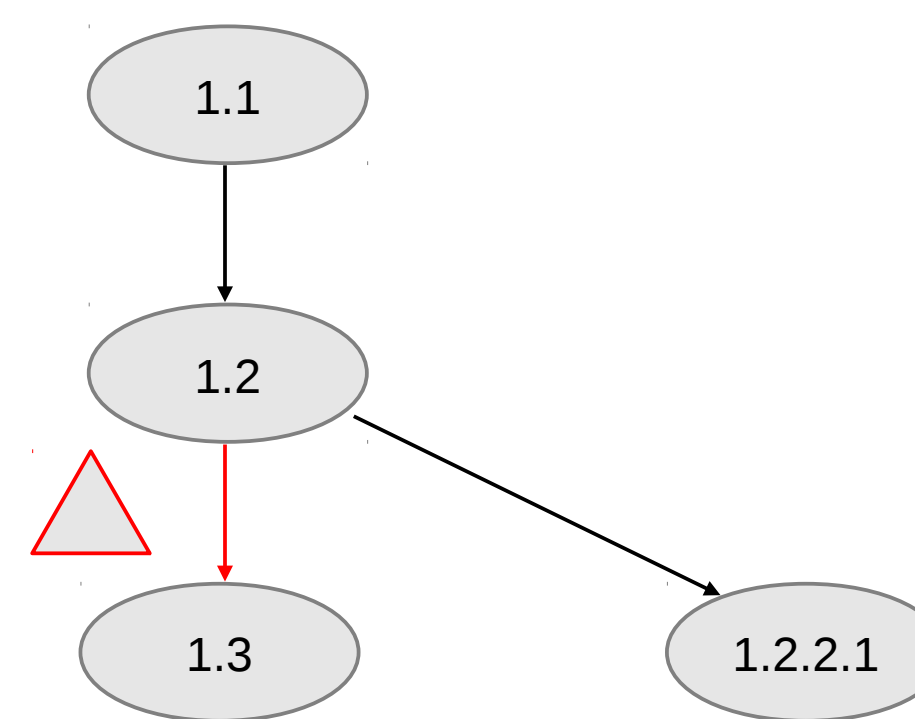
Model Transformation

Specifying complex editing commands



Model Versioning

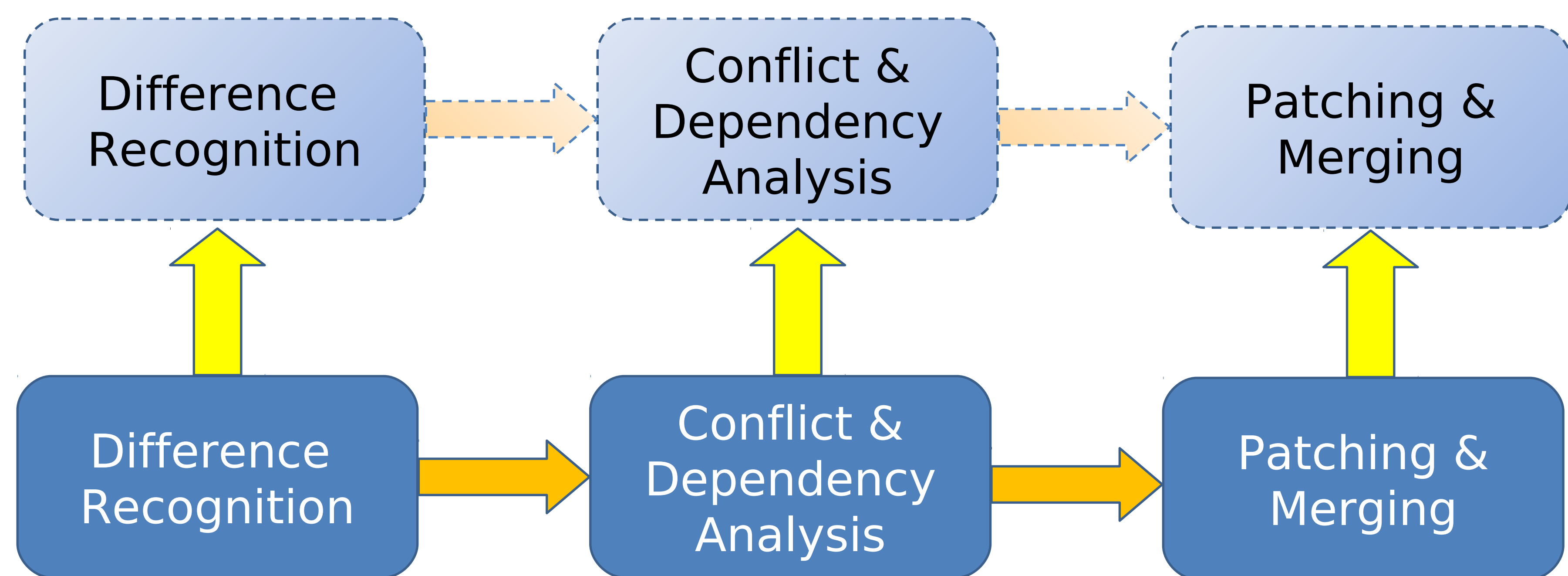
Comparison, merging and patching of models



The MOCA Approach: Integration of both technologies to lift model versioning to a higher abstraction level

High-level changes based on complex editing commands

Low-level model changes



Modeling Languages

- UML, SysML, MARTE
- Matlab/Simulink, ASCET
- Domain-specific languages

Case Studies

SPP AIS and CoCoME case studies

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Member

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