

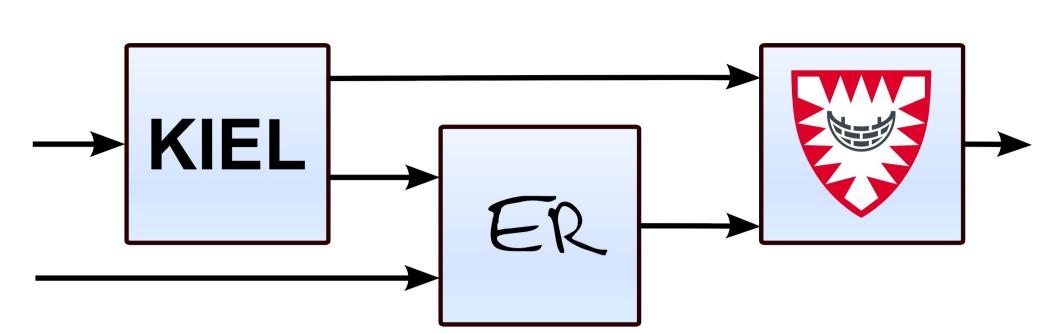
Institut für Informatik

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Faculty of Engineering

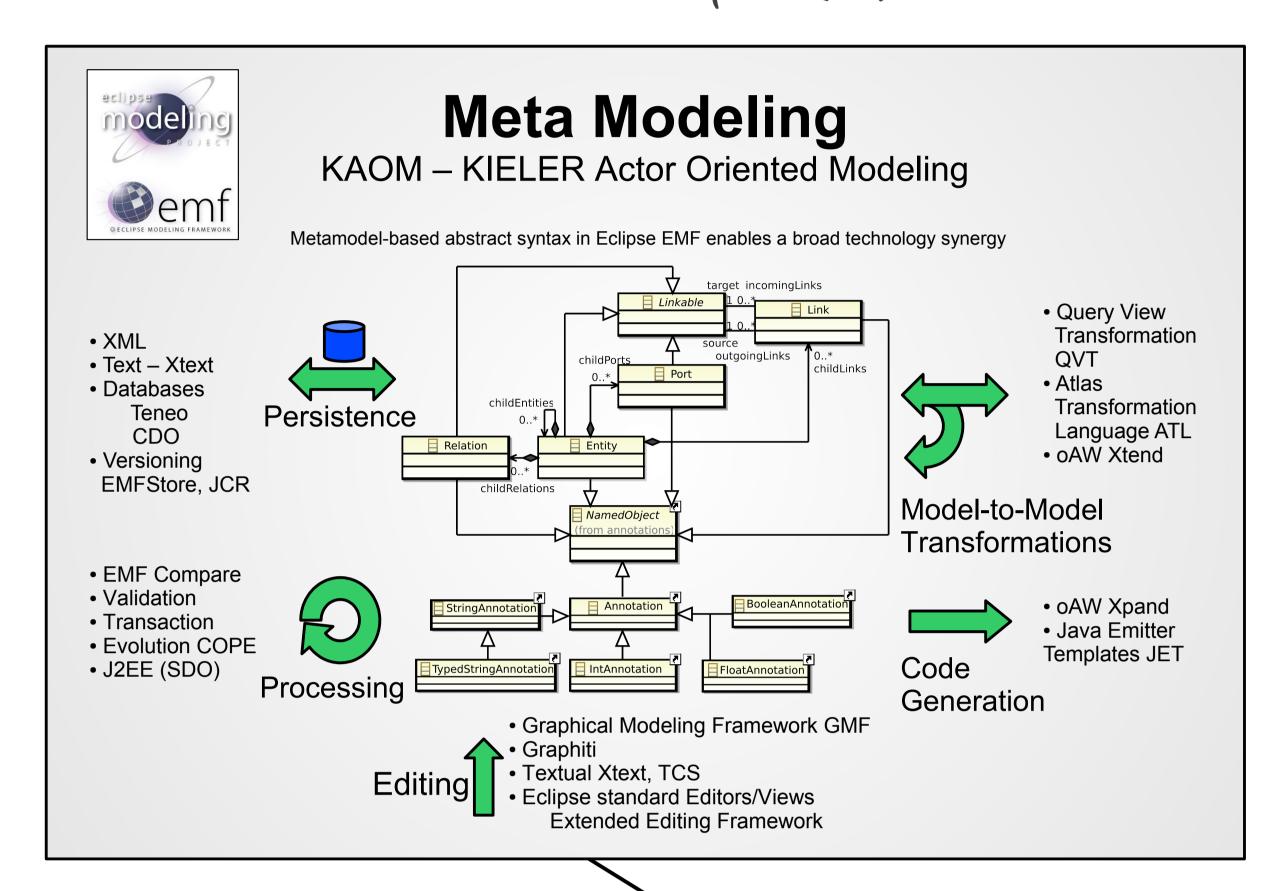
Department of Computer Science

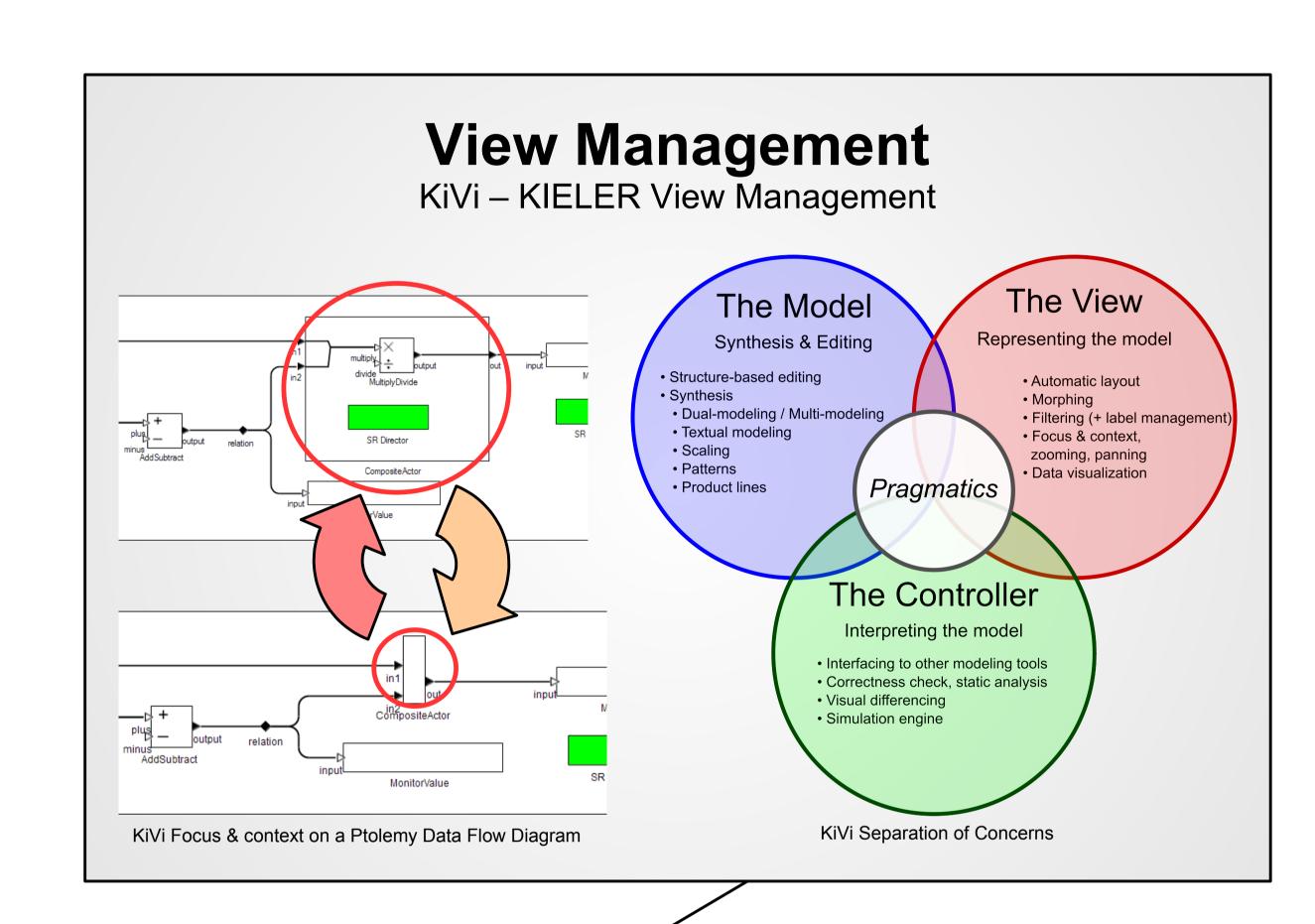


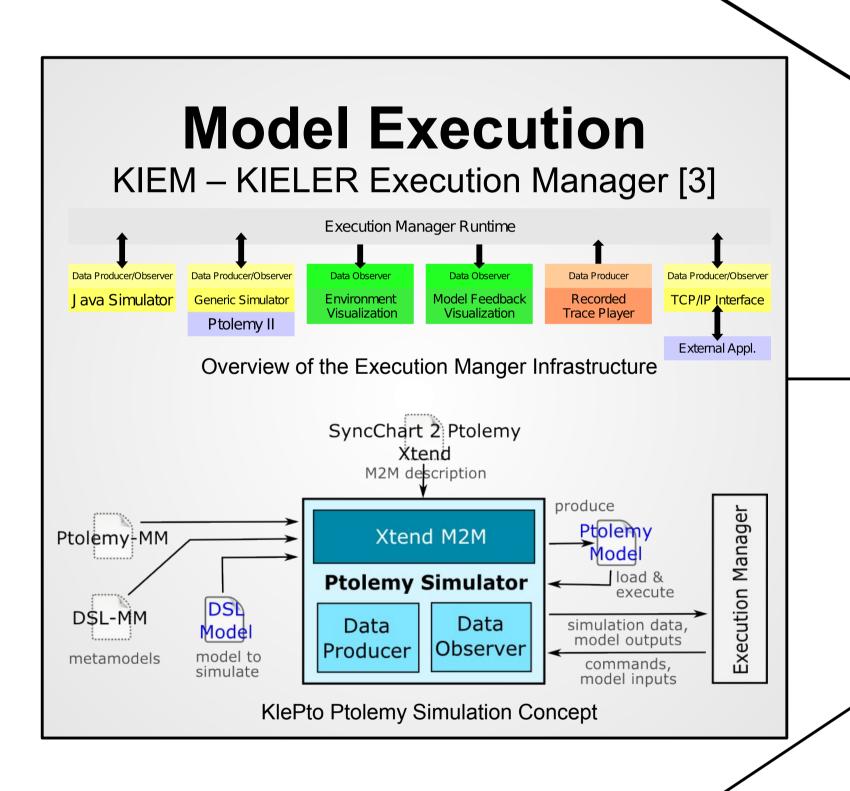
KIELER Actor Oriented Modeling

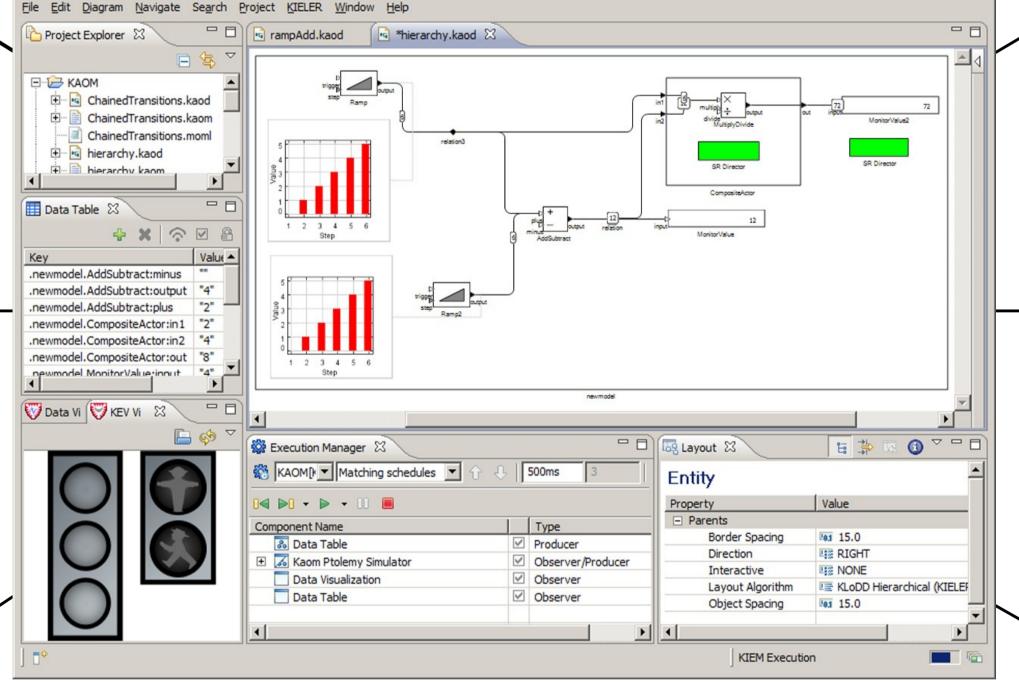
Kiel Integrated Environment for Layout

Edipse Rich Client









Data Visualization

Visualization of a Railway Installation

Traffic Light Environment Visualization

Visualization of a Railway Installation

Traffic Light Environment Visualization

SR Director

Animated Data Tokens

KAOM with Automatic Layout, Ptolemy rendering and Simulation in KIELER

Automatic layout integrated into Ptolemy's graphical editor Vergil

Model Rendering KARMA – KIELER Advanced Rendering for Model Appearance Possible customized model rendering options: E.g., Ptolemy, LabView, Simulink, AddSubtract ASCET, SCADE Ptolemy Actor Rendering GMF editor support, Graphiti (planned) This block is generating a decreasing continuous signal with initial state as 5.0 and decreasing slope as -1.0. Rendering Ptolemy Annotations Display SR Director simpleRamp Rendering Ptolemy State Machines Rendering Ptolemy Data Flow

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Further Information:

- http://www.informatik.uni-kiel.de/rtsys/kieler
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[5] Miro Spönemann, Hauke Fuhrmann and Reinhard von Hanxleden. Automatic Layout of Data Flow Diagrams in KIELER and Ptolemy II. Technical Report 0914, Christian-Albrechts-Universität zu Kiel, Department of Computer Science, July 2009.