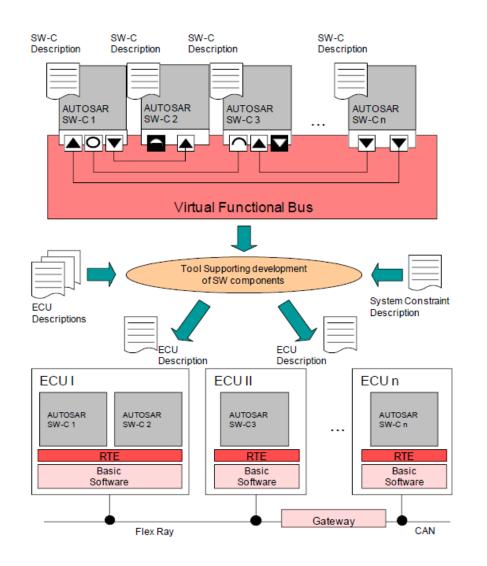
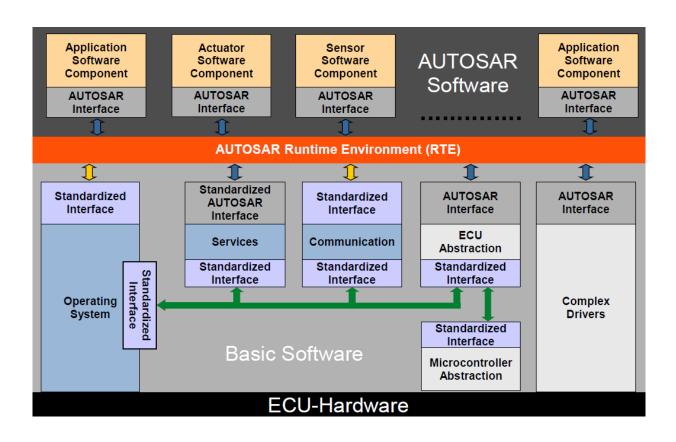


## **Modular Research Platform Steer-by-Wire** 4 wheel steering SWS Torque Vectoring SbW E-Drive (E-brake) Active suspension Adjustable Suspension kinematics

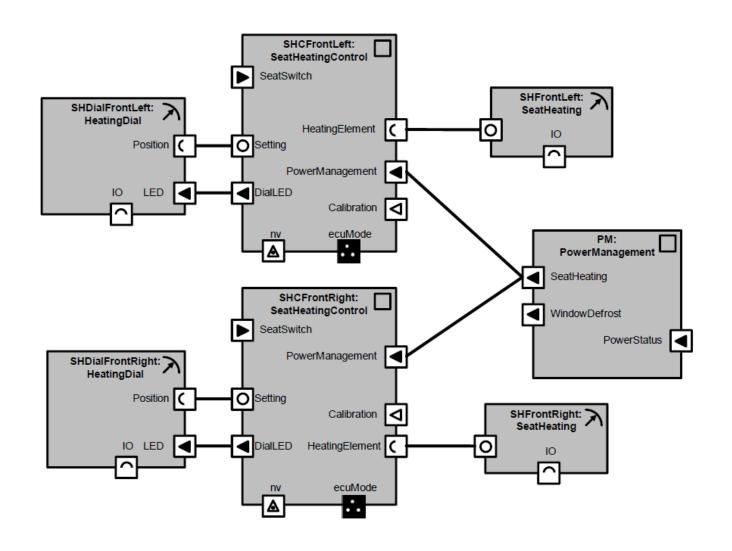
thyssenkrupp

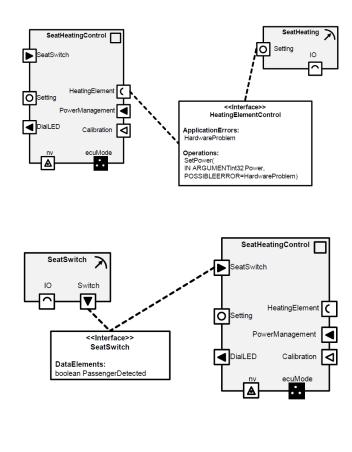






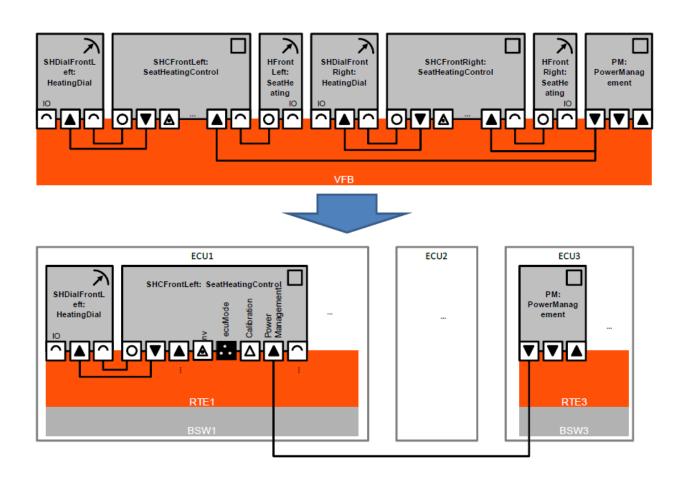
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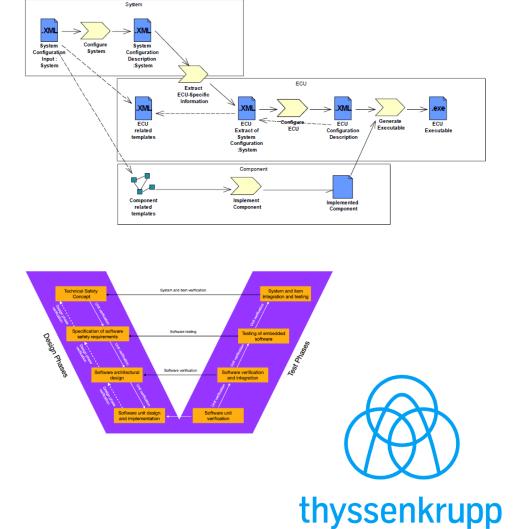






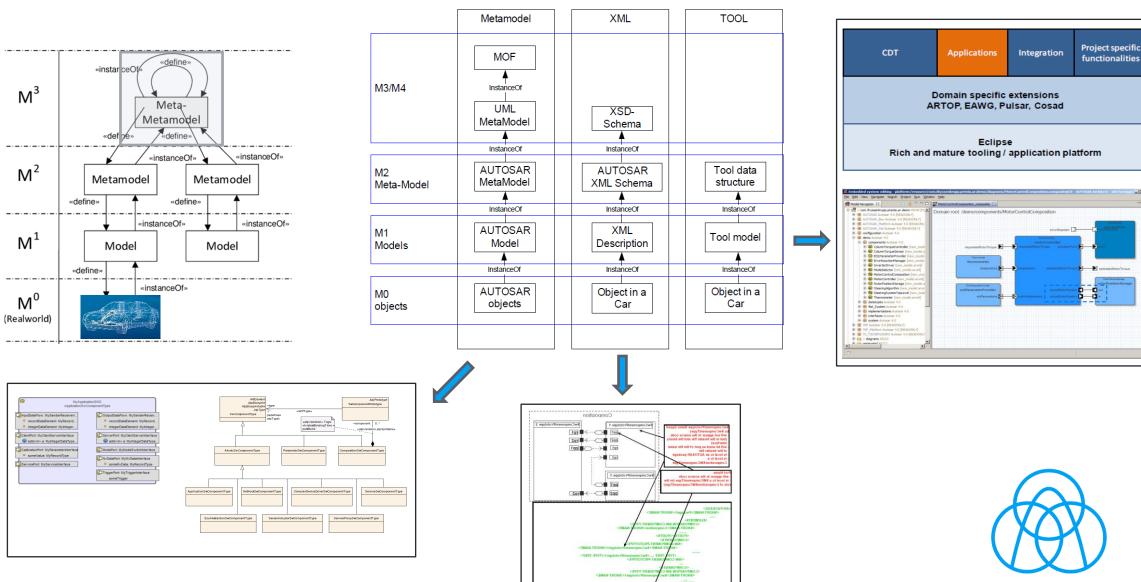
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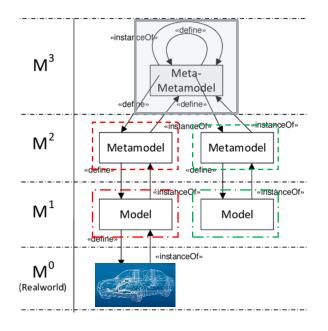


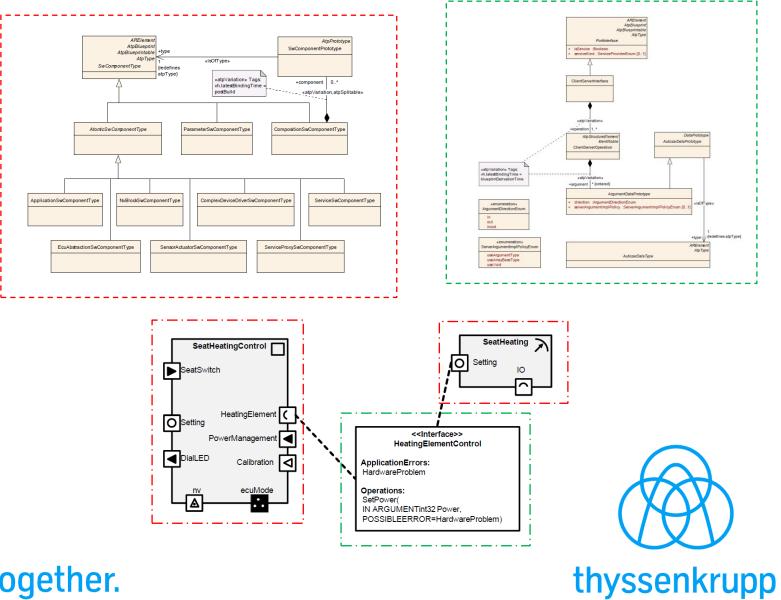
	Metamodeling levels	(Meta-)Model examples	Language examples
M <sup>3</sup>	«instanceOf «define»  Meta-  Metamodel  «define»	MOF, ECore	BNF, Xtext, ANTLR
$M^2$	<pre></pre>	UML, SysML	C, C++, Java, DSL
$M^1$	winstanceOf»   winstanceOf»	State Machine diagram	Application code
M <sup>0</sup> (Realworld)	«instanceOf»	State Machine simulation	Running application

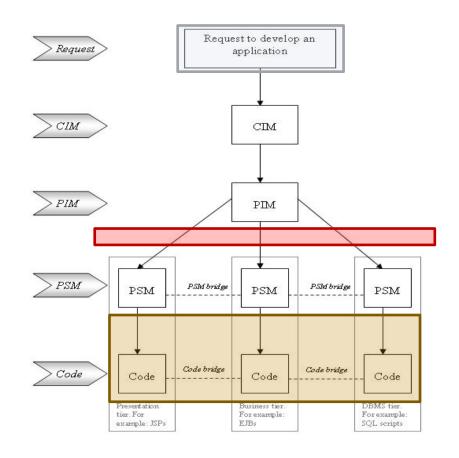


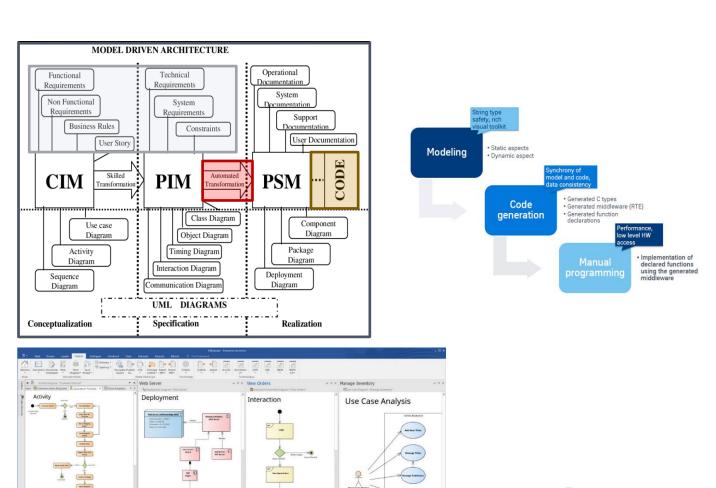












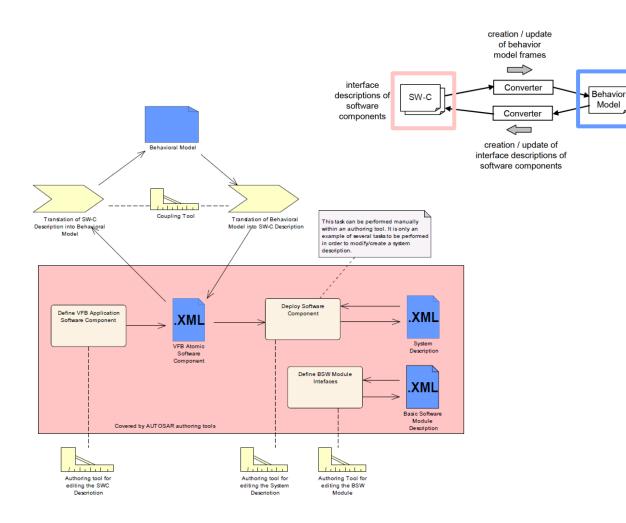
+ \* × C# Model - No Attributes

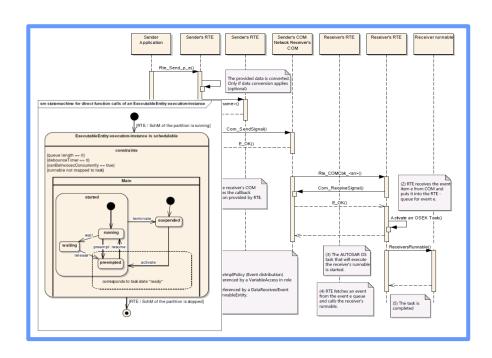
**Timing Diagram** 

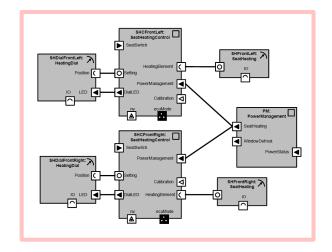
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behavior of

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