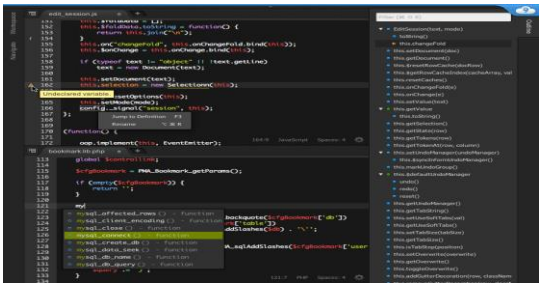
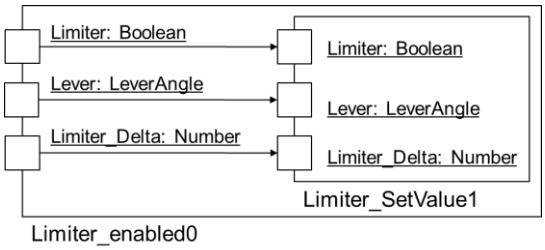
Limited places available at E. Kusmenko!

Topics for Bachelor/Master Thesis

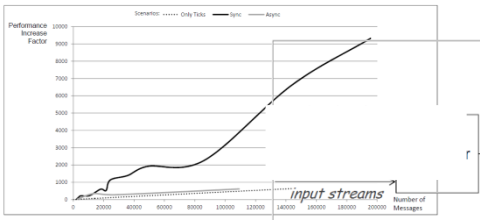
MontiArc – Architectures for Self-Driving-Cars





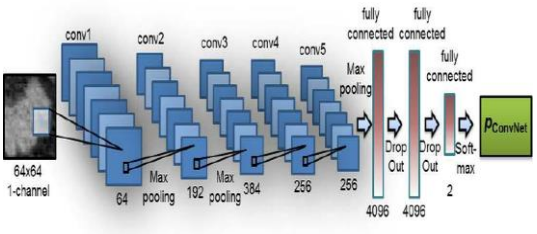
Tooling
Further Development of Online IDE with Auto Completion, Outline, Error Messages and Model Visualization

Modeling
Create Model-Library for Self-Driving and Cooperative Cars



Simulation
Code Generation & Execution of multiple Models, Handling Communications between Models and World

Visualization
Build JS-Script to move 3d-Objects in ThreeJS, Interaction with Simulation



Data Analytics
Extend the python framework recognizing error patterns based on collected error data traces in cars

Deep Learning
Model, Train and Validate deep networks for automated decision making

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No free places available right now

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For further information of the concrete BA/MA thesis please make an appointment with E. Kusmenko ~~or M. von Wenckstern~~!