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OPENPASS

LONG-TERM GOALS
7TH AND 8TH OCTOBER 2020



TÜV SÜD LONG-TERM GOALS



TÜV SÜD is a certification company. Certification methods are given by laws and regulations. There are not yet any laws on how to homologate autonomous vehicles or automated driving functions with virtual methods. Therefore, there is not yet any specific use case for openPASS for TÜV SÜD.

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ITK GOALS



There are no long-term goals of ITK.

V0.9

clean up AgentInterface (epic "#1225)

Clean up Documentation. (Epic #940)

Easy getting started for new devs(epic #1355)

8.0V

Get used to the PCM simulation, requirements for PCM (epic #1310)

PCM with cmake (epic #1353, no assignee yet)

Migration to GitLab (epic #1354)

Introducing CI (epic #1205)

CATEGORIES PRIORIZATION 1.0

Quality:

Documentation for developers, docu for users, verification through automated testing, CI, refactoring third party dependencies

Usability:

customer journey, Installer, GUI compatible to core, example configs, post processing

Network:

Contribution guideline for third parties, release review, code of conduct

Features/ Product/ Technology:

physical behavior of driving dynamics, system editor (subsystems), integrating PCM

Capability scenario simulation:

environmental conditions, extend openSCENARIO support, extending support for FMU and OSI

SC:

communication to other open-source activities, alignment with ISO/ASAM activities, discussion on simulation approaches (e.g. PCM), evaluate the simulation capabilities for accident scenarios, concept of visualisation