

Quality Checker Framework

Introduction



We transform automotive mobility

Quality Checker Framework

Basic Information About Tool Development Project

Recap: Online TSC Meeting December 2023

Discussion:

Proposal accepted if: an agreed set of checking rules exists for a standard, it is necessary for each project to adapt/extend the existing checking rules for the new version when a new project is proposed.

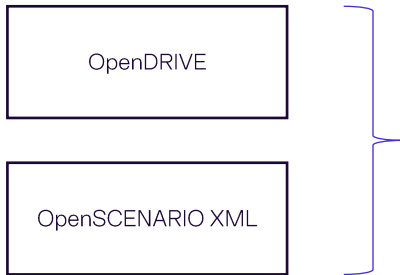
This project provides a framework. A process is to be established for the integration of checkers. **Rules are only normative if they have been printed in the standard and approved by the respective project group.**

- Open source development → everything in GitHub
- Based on two existing contributions
 - Framework (contribution by CARIAD SE)
 - Checks for OpenDRIVE (originally from TrianGraphics GmbH, acquired by ASAM e.V.)
- See framework documentation in: <https://github.com/asam-ev/qc-framework>

Quality Checker Framework

Cooperation Model between Projects

QC Project Sub Groups



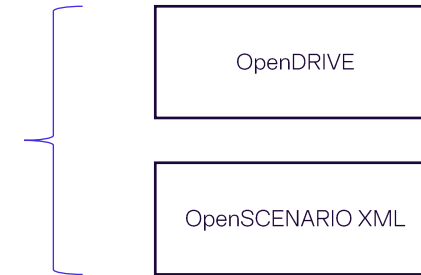
- implementation of official Checker Libraries



- implementation of base libraries and framework

- prioritization of implemented checks, trade-off between:
 - most important checks
 - implementation effort
- provide examples
- ... (*alignement today*)

Maintenance Projects



Decide, which rules

- are normative
 - add to Standard
- are best practice
 - part of Checker Library documentation
- which existing checks should be removed from official Checker Library (and moved to another project)

Thank you!

