SDV Telemetry Components and Standards

Please list relative components and standards below...

Components

Open Telemetry

OpenTelemetry is a collection of tools, APIs, and SDKs. Use it to instrument, generate, collect, and export telemetry data (metrics, logs, and traces) to help you analyze your software's performance and behavior.

Architectures

- Reporting needs to work across the wide range of RISC and CISC CPU architectures in use in automotive MCUs and SoCs, as well as possibly integrated IP blocks.
    - For example in CPU:
        - ARM A/R/M
        - G3MH/G4MH 32-bit RISC (used in RH-850 MCUs)
        - RISC-V
        - RL78 16-bit CISC (used in RL78 MCUs)

Standards

Open Container Initiative (github)

The Open Container Initiative is an open governance structure for the express purpose of creating open industry standards around container formats and runtimes.