2022-02-08 COVESA Vehicle Integration Platform Meeting notes

Date

08 Feb 2022

Attendees

- Paul Boyes
- Unknown User (maarten.koning@windriver.com)
- Unknown User (m5p3nc3r)
- Gunnar Andersson
- Stephen Lawrence
- Brandy Goolsby
- michael nunnery
- Unknown User (adam_lackorzynski)
- Andrei Kholodmi
- Dan Milea
- Unknown User (oleksandrt)
- Stephen Lawrence
- Steve Crumb

Goals

- Identify areas where the COVESA Community is interested in collaboration around Hyperintegrated systems

Summary

Unknown User (maarten.koning@windriver.com) Presented the following slide deck, describing the automotive hyperintegration problem statement.

covesaVipV5.pdf

This was followed by discussion from the group, including references to some existing project activity such as VSS, CVII and DLT. The conversation culminated in a discussion about whether to pursue a meta-data initiative to classify payloads that are use to assemble and orchestrate working systems onto hardware, or to pursue introspection of such assembled systems so that developers and system operators can better understand system behaviour - and also intelligent systems can implement automated digital feedback loops either in-vehicle or via the cloud.

Feedback from the team especially Matt was that there are initiatives already occurring in the ecosystem to pursue standardized software asset interfaces, such as SOFAEE, and also open-source reference implementation, such as Eclipse SDV, but that it would be highly valuable to focus on introspection, telemetry, health monitoring, analytics and digital feedback loops, which is whitespace. Gunnar suggested a validation activity to approach member companies to ensure that is valuable to them.

Next Steps

- Meet in 2 weeks (Feb 21 at 8am PST - NOTE: This may need to change as Feb 21 is President's Day) to continue the discussion with a focus on telemetry with focused use cases

- Broaden the conversation to more organizations and people

Action Items

- Paul Boyes and Unknown User (maarten.koning@windriver.com) to put together project overview presentation to help drive the discussion.

- Everyone is asked to bring one specific telemetry use case ready for discussion.