Data Expert Group Roadmap

This page intends to give a summary of the roadmap of the Data Expert Group and projects within the Data Expert Group. The intention shall be to have a quite detailed roadmap for next 6 months and less detailed roadmap for the next 6 months, i.e. covering 12 months in total

Feature	Planned
VSS Structs	AMM spring 2023
Central Design Pattern	AMM spring 2023

Generic Data Expert Group Topics

Best Practices General

Best Practices Security and Data Privacy

Architecture/Infrastructure

- References
    - Pillar landing page: Data Expert Group: Architecture and Infrastructure
    - Project proposals: Data Architecture Pillar Proposals
    - Current major projects: Data Architecture / Infrastructure Pillar projects
        - Central Data Service Playground
- Focus is on data-centric architectures, the VSS Feeder, VSS Data Stores and Data Servers components and the benefits and methods for connecting them.
- Design pattern expected on data hierarchies. Computation on the function edge leads to higher level data (VSS), which is then synched elsewhere in vehicle for further processing. This reduces network traffic and lowers transmission cost to the cloud.
- Some supporting PoCs likely.

Data Models and Ontologies

- VSS roadmap currently being discussed as part of https://github.com/COVESA/vehicle_signal_specification/issues/508
    - Possible content include struct support
- VISS roadmap
    - Ambition to continue with next version, but no firm plans
- VSSo Roadmap
    - Ford active, VSSo quite interesting for BMW

Interfaces

- VSC roadmap unclear (vision exists, but no tangible roadmap)