VSS - Vehicle Signal Specification

Weekly Meeting

VSS (**COVESA**) development meeting Tuesdays at 7am PT / 10am ET / 4pm CET: Meeting Link

Project Leaders

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VSS Resources at a Glance

Overview

The **Vehicle Signal Specification (VSS)** is a **COVESA project** which dates back to 2016.

Starting in 2020, COVESA and W3C then started the Common Vehicle Interface Initiative (CVII) and VSS was *proposed* as potential starting point to achieve an industry-common data model.
At the start of 2022 VSS is now being adopted widely and continues to be the assumed starting point for determining an industry-common way to describe data

Examples:

- **VSS** is being adopted or required in industry software platforms, such as its use in the AWS Fleetwise platform.
- The **W3C** specification for vehicle data exchange protocol - Vehicle Information Service Specification (VISS) is based on data in **VSS format**.
- **VSS** is being linked into other data projects like the Open Insurance Think Tank (OPIN) data definitions.

VSS Overview

Scope

What is the scope of the VSS project?

The VSS project develops two independent but inter-related aspects of data exchange:

1. The definition of *how* to define (any) vehicle signals according to the **VSS Model rules**
2. The definition of a proposed **VSS Standard Catalog**, containing a large variety of standard definitions for vehicle data, organized as a tree.

These are both described in the corresponding GitHub project and its documentation.

As a complement to the specification, develop VSS-related software technologies:

3. Open-source licensed tools to transform and work with VSS are in vss-tools.

Attend, Contribute, Follow, and Release Plan
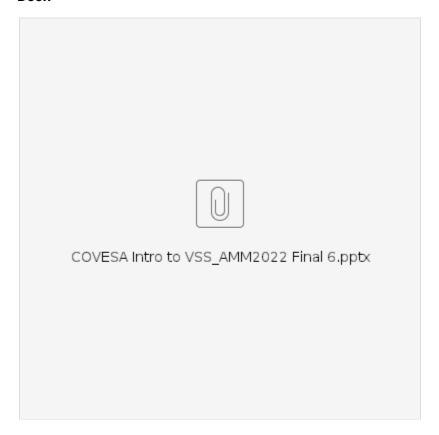
The best way to follow VSS direction is to

- Join weekly meetings and contribute
- Follow the pull requests on GitHub
- Read the GitHub VSS wiki for Release Checklist and other information
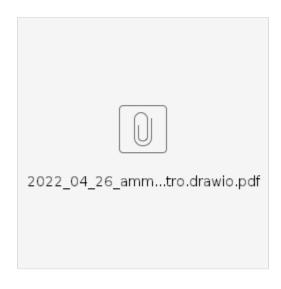
Understanding VSS

Introduction to VSS

Presentation

Deck

COVESA Intro to VSS_AMM2022 Final 6.pptx

VSS And VSSo

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VSS And VSC Alignment

- VSS FAQ - Draft Questions and Answers
- VSS Meeting Topics and Meeting Notes
- VSS Resources at a Glance