

VSS - Vehicle Signal Specification

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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](#)