

WebVMT: Video Metadata For Moving Objects & Sensors

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GitHub Discussion

- **SDW Breakout Issue**
 - Overview & process
 - <https://github.com/w3c/sdw/issues/1194>
- **WebVMT CG Topic Issues**
 - Synchronisation with video
 - Interpolation between samples
 - Attributes for moving objects/sensors
- **Thanks For Feedback**



Design Overview

- **Sync With Media Playhead**
 - Parse to current time - no look ahead required
- **Modular Cue Format**
 - Mixed interpolation support with temporal gaps
 - Multiple sensor & sample rate support
- **Modular Command Format**
 - Standalone base command
 - Optional subcommand(s)
 - Modify command attributes for interpolation/animation



Session Discussion

- **Metadata Associated Over Time**
 - Moving object: sequence of timed locations
 - Sensor data: sequence of timed observations
- **Moving Objects**
 - Timed: location, distance, speed, heading
- **Sensor Data**
 - Global: type, units, description, range



Session Goals

- Aims

- Based on GitHub discussion & feedback, identify **web API attributes** for moving objects & sensors
- **Moving Objects**
 - Timed: location, distance, speed, heading
 - Global: description
- **Sensor Data**
 - Timed: value
 - Global: type, units, description, range