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