

# WebVMT: Metadata Cues Including Geolocation

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# WebVMT Summary

- **Enabling Technology**
  - Open web format for location sync with video
- **Designed For The Web**
  - Sharing, indexing & map presentation
- **Engagement Website: [webvmt.org](http://webvmt.org)**
  - Overview, blog & tech demos
- **W3C Editor's Draft**
  - <http://w3c.github.io/sdw/proposals/geotagging/webvmt/>
  - Strategy funnel: incubation



# Differences To WebVTT

- **Track Element**
  - Map viewport identity
  - Tile url
- **MAP Block**
  - Initial map parameters - c.f. REGION
- **MEDIA Block**
  - Linked media file - indexing
- **Optional Cue End Time**
  - Streaming



# VMT File Lifecycle

- **Creation**
  - Capture on mobile device
  - Link track to media file
- **Maturity**
  - Display in web browser
- **Retirement**
  - Store in archive
  - Rapid index by location



# Video Track Cues

- Text Tracks (WebVTT)

Description	Track kind	MIME type	API
Subtitle	text	text/vtt	VTTCue
Text metadata	metadata	text/vtt	VTTCue

- Map Tracks (WebVMT) - Options

Description	Track kind	MIME type	API
Map metadata	metadata	text/vmt	VTTCue
Map metadata	map	text/vmt	VMTCue



# Session Goals

- Aims

- Identify video metadata **requirements** for these markets, and quantify their significance
- Examine the current **status** of WebVTT metadata cue support in web browsers
- Discuss whether WebVTT metadata cues are **suitable** for these requirements
- Discuss whether a **new 'map cue'** is required for WebVMT
- Estimate **timescales and effort** required for the proposed solutions