# 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
  - 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 HTML text track metadata cue support in web browsers

    - Discuss whether HTML text track metadata cues are suitable for these requirements

    - Discuss whether a new 'map cue' is required for geolocation, e.g. WebVMT

  - Estimate timescales and effort required for the proposed solutions