Media & Entertainment Interest Group

Co-chairs:  Tatsuya Igarashi – Sony  
Chris Needham - BBC  
Mark Vickers – Comcast

Team Contact:  Kazuyuki Ashimura – W3C
Media & Entertainment IG: Mission

- Mission: Make the Web a great platform for media of all kinds!
MEIG: Major Initiatives

- Mission: Make the Web a great platform for media of all kinds!

- History of major IG initiatives:

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2. Adaptive Streaming & Content Protection
   - MSE
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2. Adaptive Streaming & Content Protection
   - MSE
   - EME

3. Media Web App Platform
   - Media Timed Events

Timeline:
- 2011
- 2012
- 2013
- 2014
- 2015
- 2016
- 2017
- 2018
- Future
MEIG: Charter

• Scope
  – The Media and Entertainment Interest Group's scope covers Web technologies used in the end-to-end pipeline — including capture, production, distribution and consumption — of continuous media, which is here defined as videos, sound recordings, and their associated technologies such as timed text.

• Topics
  – clients (general-purpose browsers, televisions, tablets, phones, game consoles, cloud browsers, professional cameras)
  – providers (streaming web sites, terrestrial, cable, IPTV, satellite systems)
  – production (capture, identification, metadata, content enrichment)
  – transport & control (formats, packaging, storage, synchronization)
  – accessibility

https://www.w3.org/2017/03/webtv-charter.html
MEIG: Charter

• Tasks
  – Identification of requirements for tighter support of media-centric applications on the Web platform, possibly through the creation of Task Forces
  – Incubation of technical solutions for the identified requirements by supporting the creation of Community Groups or Business Groups focusing on particular topics
  – Suggesting existing Working Groups to include particular topics in their scope as appropriate
  – Tracking and review of media-related deliverables developed by other W3C groups, and reporting of issues as appropriate
  – Coordination with other organizations in the media industry to gather knowledge, coordinate input into W3C efforts, and promote development and use of W3C standards within global media specifications.
  – Ensuring issues of accessibility, device independence, internationalization, performance, privacy, and security are given equal consideration in all discussions and outcomes.

https://www.w3.org/2017/03/webtv-charter.html
MEIG: Work Flow

- Media standards & trade orgs.
- New ideas & issues
- Members
MEIG: Work Flow

Standards & trade orgs.

Members

MEIG Task Force

Use cases
Requirements
Specs
Gap analysis

Bug report on existing feature

New feature

old spec
WG

new spec
WG
MEIG: Work Flow

Standards & trade orgs.

Members

Use cases

Requirements

Gap analysis

MEIG Task Force

Bug report on existing feature

Old spec
WG

New feature

New spec
WG

New feature

CG spec
CG

New spec
WG

CG
MEIG: Work Flow

Standards & trade orgs.

Members

Use cases

Requirements

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MEIG Task Force

Bug report on existing feature

New feature

old spec

WG

new spec

WG

Web Incubator CG

New feature

CG spec

CG

New feature

prototype

new spec

WG

new spec

WG

new spec

WG
<table>
<thead>
<tr>
<th>MEIG Task Forces</th>
<th>MEIG Monthly Calls</th>
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<tr>
<td>2018</td>
<td>Media Timed Events TF</td>
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<td>Oct</td>
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<td>WebRTC for Live Media Streaming</td>
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<td>2016-17</td>
<td>Cloud Browser API TF</td>
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<td>Web Media API Snapshot 2017 Test Suite</td>
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<td>2015</td>
<td>Glass to Glass Internet Ecosystem (GGIE) TF</td>
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<td>Scalable Media Delivery on the Web with HTTP Server Push</td>
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<td>2013-14</td>
<td>Media APIs TF</td>
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<td>CTA WAVE HTML5 Spec</td>
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<td>2013</td>
<td>Testing TF</td>
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<td>June</td>
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<td>CTA WAVE Content Spec</td>
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<td>2013</td>
<td>Timed Text TF</td>
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<td>Media Source Extensions</td>
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<td>2011-12</td>
<td>Media Pipeline TF</td>
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<td>Feb &amp; Mar</td>
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<td>Next Steps &amp; Wrap up</td>
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<td>2011</td>
<td>Home Networking TF</td>
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<td>Jan</td>
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<td>360 degree Video</td>
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What will be new topics for 2019?

1. Open invitation to suggest new topics we could be doing in 2019
2. We’ll write the ideas on flip chart during meeting
3. We’ll review this list during the wrap-up at the end.
<table>
<thead>
<tr>
<th>Time</th>
<th>Morning: MEIG Projects</th>
<th>Afternoon: Related Groups</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Welcome &amp; Introduction</td>
<td>14:00 Current Media Incubations in W3C CGs</td>
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<td>09:30</td>
<td>Agenda bash</td>
<td>14:30 Spatial Navigation</td>
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<td>09:35</td>
<td>Follow-ups from IG discussions</td>
<td>14:45 Joint Meeting: Timed Text WG</td>
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<td>10:00</td>
<td>CTA WAVE update</td>
<td>15:30 Afternoon break</td>
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<td>10:15</td>
<td>HbbTV update</td>
<td>16:00 Audio Description CG</td>
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<td>10:30</td>
<td>Morning break</td>
<td>16:05 Looking ahead</td>
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<td>11:00</td>
<td>Hybridcast update</td>
<td>16:45 Planning IG activities for 2019</td>
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<td>11:20</td>
<td>Korean TV Standards (IBB) and FBMF</td>
<td>17:05 Wrap up</td>
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<td>11:40</td>
<td>ATSC Update</td>
<td>17:10 Close</td>
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<td>12:00</td>
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<td>13:00</td>
<td>Lunch</td>
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