W3C Media & Entertainment IG Meeting

7 February 2022

Agenda

Date and time
7 February 2022, 15:00-16:00 UTC

IRC
https://irc.w3.org/?channels=#me

IRC Guide
https://www.w3.org/wiki/IRC

Code of Conduct
https://www.w3.org/Consortium/cepc/

Agenda

- Welcome

- Media WG update
  - New deliverable: Audio Focus API
  - ITU-T SG16 Liaison Statement on WebCodecs
  - Rechartering

- Rechartering MEIG
  - Review of recent activities
  - Focus areas for 2023-2025?

- TV application development update

- AOB

Media WG Updates

- AudioFocus API adopted as Media WG deliverable
  - Explainer: https://github.com/w3c/audio-focus/blob/main/explainer.md
  - Goal: Improve audio mixing of websites with native apps and between browser tabs: continuous playback, notification sounds, ambient audio, etc (similar to iOS and Android native APIs)

- ITU-T SG16 Liaison statement on WebCodecs
  - SG16 interest in H.266 (VVC)
  - See Media WG reply

- Media WG charter ends on 31 May 2023
  - Rechartering discussion, Media WG meeting 14 Feb 2023

MEIG Rechartering

- MEIG charter ends on 30 April 2023
- Questions:
  - Should we continue the group?
  - What are our priorities for 2023-2025?
  - What subject areas to focus on?
  - What outputs should we aim to produce?
  - How to build our community?
  - Is an Interest Group the right structure for our aims? Should we be a Community Group?
  - Should we continue regular monthly meetings?

MEIG Activities 2021-2023

- W3C/SMPTE Joint Workshop on Professional Media Production
  - https://www.w3.org/2021/03/media-production-workshop/report.html
- Media Timed Events and WICG DataCue API proposal
- Coalition for Content Provenance and Authenticity (C2PA) introduction
- Video SEI events and requestVideoLoadCallback proposals
- DASH-IF and WebRTC for low latency live streaming
- Consumer electronics Developer experience
  - MiniApps and MiniApps for TV
  - Lightning.js
  - NHK and BBC
- CTA WAVE collaboration

MEIG Activities 2019-2021

- Media WG deliverables:
  - Media Session, Picture in Picture, MSE, EME, Media Playback Quality, Autoplay Policy Detection, Web Codecs
- Bullet Chatting
- Media Production
- Multicast Receiver API proposal / Community Group
- Web of Things media use cases
- Web & Networks Interest Group collaboration
- CTA WAVE collaboration

Some potential activities

- Media Production
  - Create a TF focused on browser based media editing?
- TV application development
  - Clarify goals and expected outputs
- Collaboration with W3C groups
  - Media WG, Timed Text WG, Audio WG, Audiovisual Media Formats for Browsers CG, Web & Networks IG, Immersive Web CG / WG, etc
- Collaboration with external groups and SDOs
  - Hold more regular joint meetings with CTA WAVE, HbbTV, ATSC, DASH-IF, AOM, SMPTE, etc?

Application Development for Consumer Products

- Previous meetings:
  - Lightning JS https://www.w3.org/2022/06/07-me-minutes.html
  - NHK input: https://www.w3.org/2022/10/04-me-minutes.html#t04
  - BBC input: https://www.w3.org/2022/11/01-me-minutes.html
- Created a draft document to collect issues discussed
- Proposal:
  - Develop recommendations based on each issue or topic
  - Categorise as:
    - Standard requirement (new or existing)
    - Implementation or adoption related
    - Testing or conformance related
- More input and contribution needed - who, and how?
- Coordination with CTA WAVE on application performance

Thank you!