Subgroups and Documents

WEBRTC Working Group
• PeerConnection API specification
• Depends on IETF Scenarios and Requirements document

Media Task Force (joint with Device API WG)
• GetUserMedia API specification
• Local Scenarios document
• Expecting a local Requirements document
Methods of working

● Email discussion
  ○ Open mailing lists: public-*
  ○ Public archives

● Editing team
  ○ 5 editors (Travis doing only media capture)
  ○ Weekly editors' calls, emails
  ○ Pushing editors' drafts to W3C CVS

● WG/TF teleconferences
  ○ Monthly or somewhat less frequent
  ○ Fairly detailed discussion of proposals

● Face to face meetings
  ○ 2-3 times a year
  ○ Align with IETF RTCWEB interims or meetings
Document status (1)

- PeerConnection API document
  - MediaStream API relatively stable
    - Recent changes include adding & removing tracks
  - Data API incorporated (proposal)
    - Some controversy on documenting WebSocket alignment
  - JSEP integration: 2 proposals
    - Expect to call it one way or the other end of week
  - Waiting to integrate Hints & Capabilities
    - For MediaStream attach to PeerConnection
    - May appear in other places
    - Same structure as for Media Capture
  - Not yet integrated stats API
    - Proposal from November remains direction
Document Status (2)

- **GetUserMedia Use Cases**
  - New document - scenarios based
  - Seems uncontroversial

- **GetUserMedia Requirements**
  - Not yet available

- **getUserMedia specification**
  - Discussing details of a Constraints & Capabilities API
    - Will be integrated into spec "soon"
  - Proposal for alternate form of getUserMedia
    - Callbacks versus signals
Implementation Status

- Opera: getUserMedia released
- Mozilla: getUserMedia piloted
- Chrome: getUserMedia and PeerConnection for audio/video in canary build (ROAP available but deprecated, JSEP this week)
- Internet Explorer: getUserMedia announced for IE11
- Safari: No information
- Ericsson WebKit experimental platform: getUserMedia and PeerConnection (pre-ROAP), data API
Direction Change Discussion

- getUserMedia implementation seems widespread
- Suggestion to push work on getUserMedia "as fast as possible"
- May not be a conflict, resources largely not the same
- May result in moving pieces between documents
Schedule

● "ASAP" is always the case
● Q2 is the schedule for stability of API
● Need test cases, conformance - which in turn needs implementations
● Some aspects - capabilities, constraints, stats - may need a trailing effort to define elements, even when the APIs are fixed
● Things Take Time