

CLUE & RTCWEB WGs Adhoc

Common (SDP/RTP) building blocks

IETF-82

CLUE WG chair: Mary Barnes
RTCWEB WG chair: Ted Hardie



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meetings may be made and may be available to the public.



I E T F

Agenda – Thursday 1140-1250

11:40-11:45 Agenda bash/Introduction (Chairs)

11:45-11:55 RTCWEB Overview (Cullen Jennings)

11:55-12:05 CLUE Overview (Allyn Romanow)

12:05-12:20 Summary/discussion current set of proposals (Chairs)

12:20-12:50 Open Discussion

Ground rules

- The objective of this meeting is to have some open discussion on areas of overlap between RTCWEB and CLUE WGs on the use of common RAI building blocks – RTP in particular.
- This is not an official WG meeting. No decisions will be made.
- The overview presentations for RTCWEB and CLUE reflect a snapshot of current WG status and decisions. Any concerns with what is presented other than clarifying questions should be taken to the appropriate WG mailing list.

RTCWEB Overview (Cullen Jennings)

CLUE Overview (Allyn Romanow)

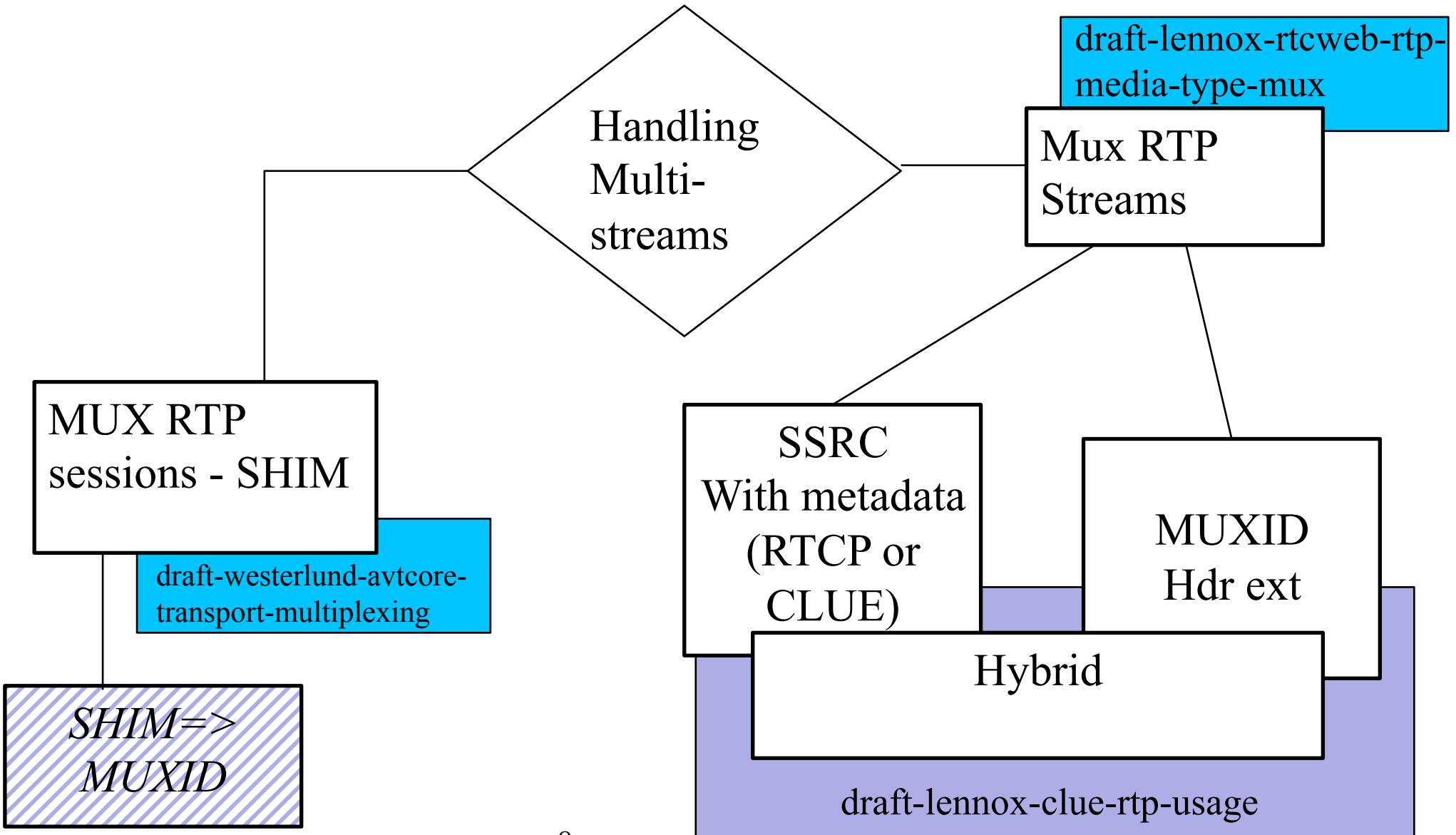
Summary

- Both RTCWEB and CLUE involve controlling multiple RTP audio and video streams:
 - CLUE is focused on such.
 - It's just one usage for RTCWEB.
- CLUE must interoperate with SIP and other standards for audio & video.
- RTCWEB may not necessarily interoperate with “legacy” SIP endpoints (e.g., a CLUE endpoint) but:
 - Will use RTP for media: [draft-ietf-rtcweb-rtp-usage-00](#)
 - Have agreed on SDP offer/answer as the basis of their state machine

Current building blocks & solution proposals

- Multiplexing of multiple RTP sessions in a single transport flow: [draft-westerlund-avtcore-transport-multiplexing-01](#)
- Multiplexing of multiple media types in a single RTP session: [draft-lennox-rtcweb-rtp-media-type-mux-00.txt](#)
- RTCWEB usage of RTP: [draft-ietf-rtcweb-rtp-usage-01.txt](#)
- CLUE use of RTP: [draft-lennox-clue-rtp-usage-01.txt](#)

CLUE example - Comparing the building blocks?



Proposal

- Objective: Ensure that the use of SDP and RTP as solutions in the CLUE and RTCWEB architectural models is consistent and allows for potential interoperability. Basically, don't define two separate ways of doing the same thing.
- Consider that the primary common functionality is the handling of multiple-streams – should be based on same building blocks (to be agreed and developed in AVTCORE).
- Discuss the current proposals on the table - consider whether they meet the requirements (for both CLUE and RTCWEB).

Other Concerns

- Interoperability between RTCWEB client and CLUE enabled endpoint.
 - Is this required?
 - If so, what are the impacts on SDP, CLUE metadata transport
- Any other concerns?