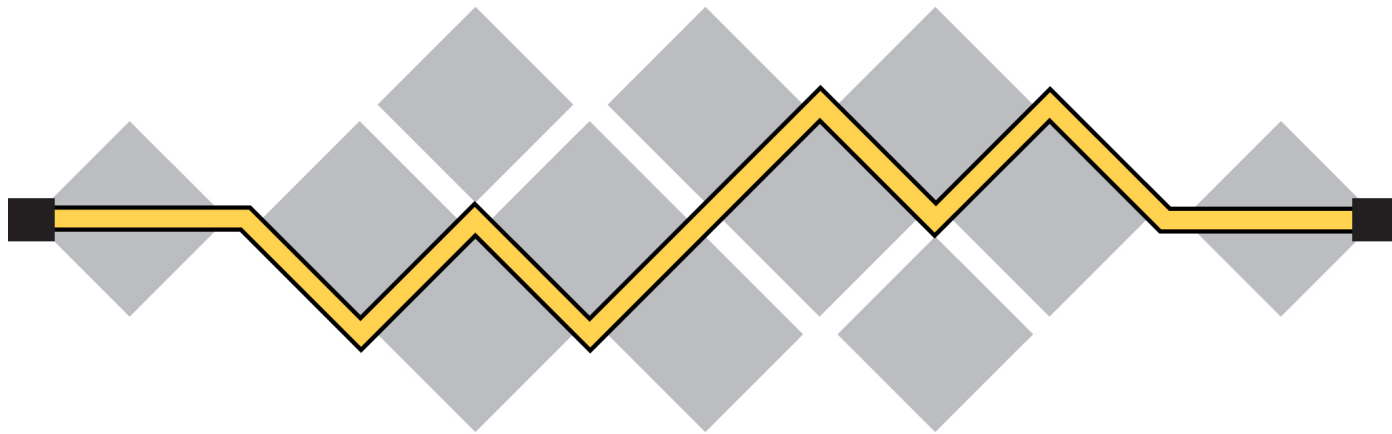


Audio/Video Transport Extensions (AVTEXT)



I E T F[®]

Administrivia

- Notetakers?
- Jabber scribe?
- Jabber Chat Room
 - Address: <xmpp:avtext@jabber.ietf.org>
 - Logs: <http://jabber.ietf.org/logs/avtext/>

Note Well

This summary is only meant to point you in the right direction, and doesn't have all the nuances. The IETF's IPR Policy is set forth in BCP 79; please read it carefully.

The brief summary:

- ❖ **By participating with the IETF, you agree to follow IETF processes.**
- ❖ **If you are aware that a contribution of yours (something you write, say, or discuss in any IETF context) is covered by patents or patent applications, you need to disclose that fact.**
- ❖ **You understand that meetings might be recorded, broadcast, and publicly archived.**

For further information, talk to a chair, ask an Area Director, or review the following:

BCP 9 (on the Internet Standards Process)

BCP 25 (on the Working Group processes)

BCP 78 (on the IETF Trust)

BCP 79 (on Intellectual Property Rights in the IETF)

Agenda

- Tuesday 17:00 – 18:30 (Potsdam 2)
- Chairs: Keith Drage, Jonathan Lennox
- 17:00 Agenda bash and status update (10 min) Chairs
 - draft-ietf-avtext-multiple-clock-rates-09
 - draft-ietf-avtext-rtp-duplication-02
- 17:10 Taxonomy (60 min) Bo Berman
 - draft-lennox-raiarea-rtp-grouping-taxonomy-01
- 18:10 Current proposals for RTP extensions (10 min) Chairs
 - draft-fineberg-avtext-temporal-layer-ext-00 *
 - draft-ivov-rtcweb-noplan-01 **
 - draft-roach-mmusic-unified-plan-00 **
 - draft-even-mmusic-application-token-00 **
 - * one slide presented by chairs
 - ** subject to output of MMUSIC group
- 18:20 Next steps (10 min)
- 18:30 Close

Status

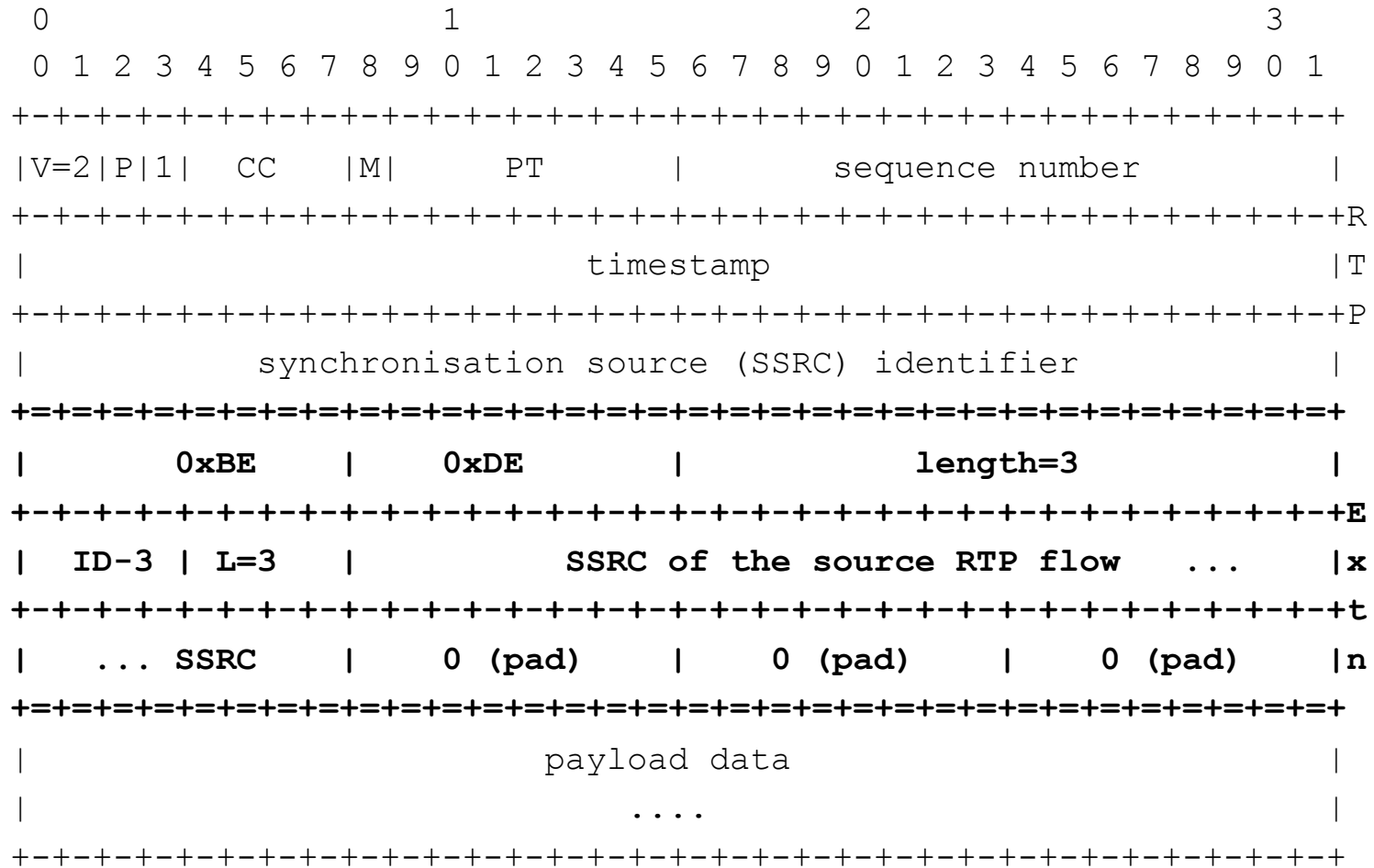
- **WGLC Completed:**
 - Support for Multiple Clock Rates in an RTP Session
 - Publication Request to be sent after IETF
- **Ready for WGLC:**
 - Duplicating RTP Streams
 - draft-ietf-avtext-rtp-duplication-02
 - Will issue WGLC to start immediately after IETF
 - Note that related MMUSIC drafts have already gone through WGLC

A Real-Time Transport Protocol (RTP) Header Extension for VP8 Temporal Layer Information draft-fineberg-avtext-temporal-layer-ext-00

- Include VP8 payload specific scalability data in header extension
 - temporal layer index
 - layer sync bit
- Allows for scalability on middle-box without having to decrypt/encrypt of payload
- Request to generalize for currently used and hopefully future scalable codecs (VP8/VP9/H.264-SVC/H.265)
 - document generic structure of scalability/pruning information to an RTP header extension (to be worked on in avtext).
 - document mapping of codec-specific features to the generic structure
 - existing codecs - RTP payload spec annotation doc
 - new codecs - RTP payload specs
- Current concerns about use case due to:
 - Must re-sign after modifying the sequence number to avoid implying packet loss
 - Must rewrite RTCP sender reports

Avoiding SDP When Signalling Layers

draft-ivov-rtcweb-noplan-01



Making it possible to retrieve SSRC relationships from an RTP header (or RTCP) without the need of extra signalling

The Session Description Protocol (SDP) Application Token Attribute

draft-even-mmusic-application-token-00

- Define a token “appID” associated with an RTP stream, associating the semantics of the stream with a token to be defined by the application.
- The token can be sent using SDP, RTCP SDES messages, or an RTP header extension.
- An application may receive a new RTP stream replacing an existing RTP stream having the same appID, or a new RTP stream with a new appID.
- Associate an appID with an SSRC using RTCP SDES and/or RTP header extension
- The appID can be used for an m-line:
 - a=appID:2
 - Declare that this appID is associated with this m-line.
- In SDP the appID can be tied to a specific attribute:
 - a=appID:1 imageattr:96 send [x=480,y=320]

Matching RTP Streams to m-lines:

RTP Header Extension

draft-roach-mmusic-unified-plan-00

