Audio/Video Transport Working Group

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http://www.ietf.org/html.charters/avt-charter.html

Jabber room: xmpp:avt@jabber.ietf.org

Audio:

Valley Ballroom B: http://videolab.uoregon.edu/events/ietf/ietf797.m3u

Garden Ballroom 3:   http://videolab.uoregon.edu/events/ietf/ietf793.m3u

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Agenda - Thursday

13:00   Introduction and Status Update   (Chairs, 5)

13:05   Audio Levels status   (Chairs, 10)

13:15   Content Splicing for RTP Sessions   (Jinwei Xia, 15)

13:30   Monitoring Architectures for RTP   (Even, 20)

13:50   XR Report Blocks for Realtime Video Quality Monitoring (Qin Wu, 10)

14:00   Switching from unicast to multicast for multicast short time-shift (Peilin Yang, 15)

14:15   Multipath RTP   (Ott, 10)

14:25   End

Document Status

- RFC Published
  - RFC 6051   draft-ietf-avt-rapid-rtp-sync

RTP Extension Headers for Audio Level Indication

- Two RTP extensions that allow clients and mixers to exchange audio levels. The point is to:

    1. Allow clients participating in a conference to display individual audio levels in their GUI in order to enhance active speaker information
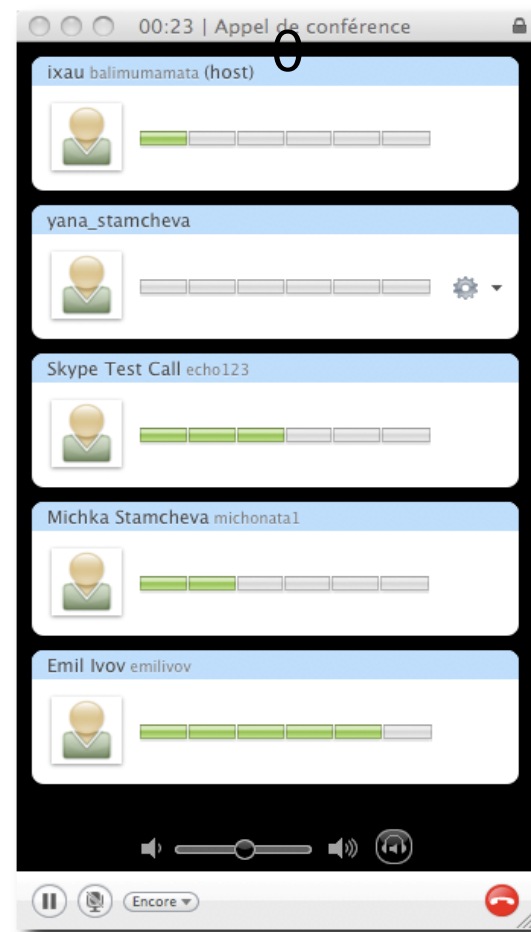
        d*raft-ivov-avt-slic-03*

    2. Allow mixers to spare resources by deciding not to decode incoming packets that do not seem to contain anything worth mixing.

        d*raft-lennox-avt-rtp-audio-level-exthdr-02*

- Presented in Stockholm, Support to adopt in Hiroshima.
- Saw some discussion about how to encode levels.

  Consensus seems to be on using dBov as in RFC 3389
  Calculation should happen as per G.100.1 5.7

- On stand-by waiting for a charter milestone

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Proposal for New milestones for AVT

- We judge the following items might be ready for milestone setting.
    - RTP Header extension for mixer to client audio level indication
    - RTP Header extension for client to mixer audio level indication
    - RTCP report extension for retransmission suppression
    - Guidelines for the use of Variable Bit Rate Audio with Secure RTP
- Do these items merit sufficient interest for AVT to work on them?