Monitoring Architectures for RTP

draft-hunt-avt-monarch-00.txt
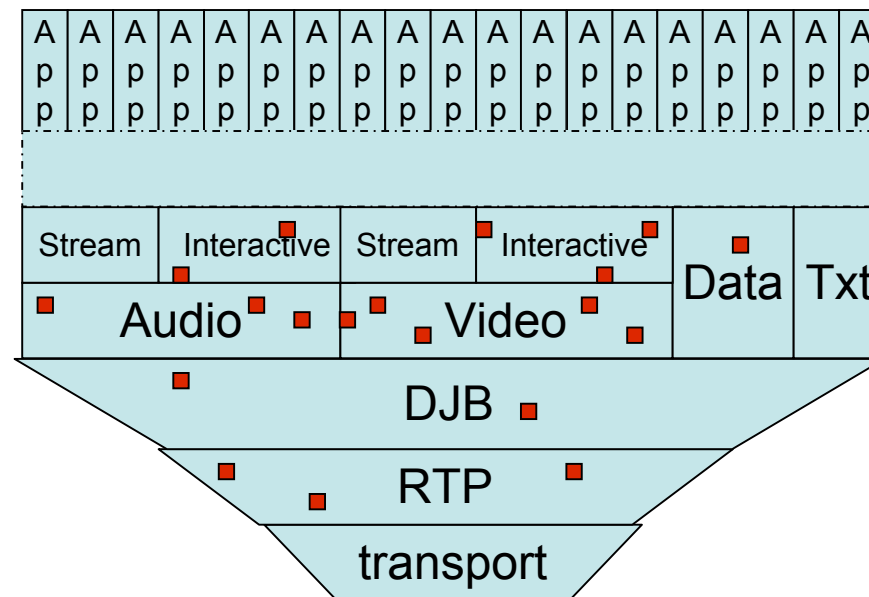
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Why this draft?

- At IETF 71, AVT requested a review of architectures for monitoring of RTP

- Perceived current problem of multiple ad-hoc metrics with potential for duplication

- Smaller set of well-documented metrics should improve inter-operability

- Future metrics drafts may position themselves with reference to this framework

Why are we discussing it?

- It's new work not currently chartered
- If adopted, it may guide the development of monitoring for RTP, and aspects of the use of RTCP
  - Are you interested in the topic?
  - Are we on the right lines so far?
- The current authors shouldn't, and anyway can't, do all the necessary work
  - It needs video and conferencing perspectives, for sure
  - What else should (or shouldn't) be in?
  - Please review and contribute
- draft-ott-avt-rtcp-guidelines-01 impacts this, need to keep aligned

What was the idea?

= a metric

What's in the draft?

- Introduction with example taxonomy of audio applications which could lead to a taxonomy of metrics targets…
- And a process to select metrics
- Considerations for transport metrics, originally motivated by *avoiding* choosing metrics at this layer
- Section (currently short) on generic terminal metrics (de-jitter and redundancy)
- Long section on metrics for conversational voice telephony indicating potential richness/complexity of application areas
- Short section on choosing a transport for metrics
- What's not in – any kind of video, wideband audio…

Request...

- Mainly for participation - review and comment
- This is very new work, prepared for major changes of direction
- Should it be short and very general?
  - the right place to enumerate other SDOs' metrics?
  - or do that in specific drafts, per application category?