

Content Splicing for RTP Sessions

[draft-xia-avtext-splicing-for-rtp-00](#)

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Discussion on Maillist

- In clearly user detectable case on RTP level
 - Mixer includes the CSRC list in outgoing packets, which facilitates the system debugging.
 - **Majority of WG** prefers the RTP mixer approach.
- In likely user non-detectable case on RTP level
 - Bring more complexity compared to detectable case whatever using mixer or translator.
 - Mixer (not include CSRC list)
 - **Pros**: straightforward on RTCP processing
 - **Cons**: more overhead (regenerating timing model and its own RTCP even during non-splicing time), as well as has loop detection issue.
 - Translator
 - **Pros**: less overhead (simply rewrite the RTP sequence number after splicing has taken place and timing of original content unchanged).
 - **Cons**: complex on RTCP processing, especially on bitrate adaptation.
 - **No clear preference on mailing list.**

Next Steps

- Decide to use mixer in user detectable case.
- Decide the final direction in user non-detectable case.
 - Mixer, translator or both based solutions?
 - Mixer seems to be more easily specified to realize this case because it is similar to user detectable case.
- Submit single mixer based draft for both cases.