

Introduction to RTCP backchannel proposals

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Four drafts to discuss...

- RTP Profile for RTCP-based Retransmission Request for Unicast Sessions
- RTP Payload Format to Enable Multiple Selective Retransmissions
- RTCP-based Feedback for Predictive Video Coding
- Low delay RTCP packet format for backward messages

Issues

- Restrict to unicast? Or allow limited multicast?
- How is the timing of RTCP handled? How does this affect existing applications?
- Are backchannel messages sent in compound RTCP packets, or not? How does this affect the system?
- Should backchannel packets be sent to the same port as normal RTCP?
- Use multiple RTCP packet types or one plus subtypes?
- Congestion control?
- Can repair data packets be distinguished from normal packets? Does it matter?
- Should we define one or many new profiles? Can we merge these drafts?