

RTP Media Congestion Avoidance Techniques (rmcat)

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Administrativa

Today's slides

<http://datatracker.ietf.org/meeting/95/materials.html#tsv>

Remote participation

Meetecho: <http://www.meetecho.com/ietf95/rmcat>

Jabber chat

xmpp:rmcat@jabber.ietf.org?join

Mailing list

<http://www.ietf.org/mailman/listinfo/rmcat>

WG Document Status

Requirements, interfaces & evaluation

draft-ietf-rmcat-cc-requirements-09 [**RFC Ed Queue: MISSREF**]

draft-ietf-rmcat-eval-criteria-05 [**updated, but open issues listed in doc**]

draft-ietf-rmcat-eval-test-03 [**updated, ready & waiting for candidates**]

draft-ietf-rmcat-wireless-tests-01

draft-ietf-rmcat-cc-codec-interactions-02 [**updated & waiting for framework doc**]

draft-ietf-rmcat-video-traffic-model-00

Algorithm candidates & Co

draft-ietf-rmcat-nada-02 [**updated**]

draft-ietf-rmcat-scream-cc-03 [**updated**]

draft-ietf-rmcat-gcc-01

draft-ietf-rmcat-sbd-04 [**updated & ready**]

draft-ietf-rmcat-coupled-cc-01 [**updated & ready**]

Expired

draft-ietf-rmcat-rtp-cc-feedback-00

Drafts Status

Algorithm candidates & co

draft-singh-rmcat-adaptive-fec-03 **[updated]**

Interactions and signaling

draft-holmer-rmcat-transport-wide-cc-extensions-01

Missing

draft-singh-rmcat-cc-app-interactions

draft-???-rmcat-framework

Milestone Update

- Done** Adopt first WG draft on requirements
- Done** Adopt first WG draft on evaluation criteria
- Done** Adopt first WG draft of RTCP extensions for use with congestion control algorithms and interactions between applications and RTP flows (if needed)
- Done** Adopt first congestion control candidate as WG draft
- Done** Adopt first WG draft on identifying and controlling groups of flows
- Dec 2015** Submit requirements and evaluation criteria to IESG as Informational
- Dec 2015** Submit identifying and controlling groups of flows to IESG for Experimental publication
- Dec 2015** Submit first congestion control candidate to IESG for Experimental publication
- Dec 2015** Submit interactions between applications and RTP flows to IESG as Informational
- Dec 2015** Submit RTCP extension requirements for use with congestion control algorithms to AVTCORE (if needed)
- Feb 2016** Publish first draft of evaluation results
- Feb 2016** Publish first draft of Standards Track congestion control algorithm
- Feb 2016** Publish first draft of techniques to detect, instrument or diagnose failing to meet RT schedules
- Jun 2016** Submit techniques to detect, instrument or diagnose failing to meet RT schedules to IESG as Informational
- Oct 2016** Submit congestion control to IESG for Proposed Standard

rmcat framework

- Side meeting on Tuesday morning with authors:
 - framework doc is coming up soon
 - candidates will revise to align with new doc
 - Let Zahed/Xiaoqing know if you want to help
- codec/app-interaction currently stays separately

Status of Evaluation

- Which results have been shown for which candidates?
- Do we need another interim before IETF-96 in Berlin?

Agenda Wed, April 6

- 10:00 **WG Status & Agenda Bashing** (*Chairs*)
- 10:20 **Updates on draft-ietf-rmcat-eval-criteria-05** (Varun)
- 10:25 **Updates on draft-ietf-rmcat-eval-test-03** (Zahed)
- 10:30 **Evaluation Test Cases for Interactive Real-Time Media over Wireless Networks** (*Xiaoqing Zhu*)
[draft-ietf-rmcat-wireless-tests-01](#)
- 10:45 **Updates on Video Traffic Model (Video Trace Data)** (*Xiaoqing Zhu*)
[draft-ietf-rmcat-video-traffic-model-00](#)
- 11:00 **Updated evaluation results on NADA** (*Xiaoqing Zhu*)
[draft-ietf-rmcat-nada-02](#)
- 11:25 **Updates on Coupled Congestion Control** (*Safiqul Islam*)
[draft-ietf-rmcat-coupled-cc-00](#)
- 11:35 **Shared Bottleneck Detection for Coupled CC for RTP Media** (*David Hayes*)
[draft-ietf-rmcat-sbd-04](#)
- 12:00 **Discussion on Common Feedback Format**