

MMUSIC WG

54th IETF – Yokohama

18 July 2002

All Presenters:

**Please send us a copy of your slides
(if you have not done so already)**

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You MUST notify the group of any IPR associated with your draft!

NOTE WELL

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MMUSIC Agenda (1)

- 0900 Agenda Bashing & Status Update** (chairs)
Recent RFCs
Documents close to completion
Charter issues
- 0915 SDP Source Filters** (chairs)
draft-ietf-mmusic-sdp-srcfilter-01.txt
- 0920 SDPng Update** (Kutscher)
draft-ietf-mmusic-sdpng-05.txt
- 0935 SDPng: Video Payload Support** (Klemets)

MMUSIC Agenda (2)

- 0950 MMUSIC: Conference/Media Control** (chairs)
- 1005 SDP Attributes for Media Control** (Even)
`draft-even-mmusic-video-media-control-00.txt`
- 1020 Metadata Update Protocol** (Nomura, chairs)
`draft-nomura-mmusic-pguide-requirements-00.txt`
`draft-nomura-cdi-mmusic-mupdate-00.txt`
- 1035 Revised RTSP Spec** (Westerlund)
`draft-ietf-mmusic-rfc2326bis-01.txt`
- 1130 Wrap-up** (chairs)

WG Status

- **Recent RFCs**

RFC 3259: Message Bus Transport

RFC 3264: Offer / Answer

RFC 3266: SDP for IPv6

- **In IETF Last Call**

`draft-ietf-mmusic-fid-06.txt`

`draft-andreasen-mmmusic-sdp-simcap-05.txt`

`draft-ietf-mmusic-sdp-new-10.txt`

WG Status (2)

- **Further Finished Stuff**

 - `draft-ietf-mmusic-sdp-comedia-03.txt`

 - `draft-ietf-mmusic-sdp4nat-02.txt`

 - `draft-ietf-mmusic-sdp-kmgmt-ext-05.txt`

- **Other WG Documents**

 - **SDPng Transition**

 - `draft-ietf-mmusic-sdpng-trans-01.txt`

 - **Misc RTSP Stuff**

 - **GFMTTP**

 - `draft-rajeshkumar-mmusic-gfntp-02.txt`

 - **SDP Source Filters**

 - `draft-ietf-mmusic-sdp-srcfilter-01.txt`

WG Milestones

- ✓ **SDP simcap for PS**
- ✓ **SDP FID for PS**
- ✓ **IPv6 Extensions to SDP for PS**
- ✓ **Revised SDP spec for PS (or Draft)**
- ✓ **SIP's offer/answer use for Proposed**
- ✓ **SDP4NAT for PS**
- ✓ **SDP key management for Proposed**

SDPng transition

well on its way

SDPng base spec for PS

close to completion

SDPng audio profile for PS

close to completion

Revised RTSP spec

will take some more time

RTSP MIB

yet to be done

Potential Work Items

- **Dissemination of Program Scheduling Information (EPGs)**
- **Conference Control**
 - Floor control
 - Media control
 - Interactive real-time control (RTSP extensions)
 - ...
- **Out-of-scope for current charter**
 - Correct home yet to be decided...
- **Need to do some charter update...**

SDP Source Filters

- **Revived after two years**
- **Fairly straightforward**
- **Suitable for supporting SSM**

- **Read it!**

SDP Key Management

- **draft-ietf-mmusic-kmgmt-ext-05.txt**
- **Basically done, but...**
- **Philosophical argument over encoding kmgmt attributes**
 - **Explicitly in SDP**
 - **Tunneled in a blob in SDP**
- **Pick one!**

Conference / Media Control

- **Navigating spatially in media streams**
 - Select resolution, area, ...
 - Potential extension of RTSP
- **Conference / floor control**
 - Origin: Conferencing for SIP
 - Joint work with SIPPING
 - Do the requirements first
 - Design new / use of existing protocol
- **Commands / indications**
 - Media stream control for video conferencing
 - Possibly media mixing matrix control
 - Other control aspects: camera control, ...?
- **What fits on our plate / in our charter?**

Session Announcements and Notifications

Two Proposals

- **draft-nomura-cdi-mmusic-mupdate**
 - Points to MPEG-7 for meta information
 - Uses SIP NOTIFY messages to indicate availability of updates
 - Uses e.g. HTTP to fetch updated EPGs
- **Why MMUSIC?**
- **DVB/IPI Working group**
 - Uses SDPng for describing session
 - Uses SAP for pushing announcements
 - Uses HTTP for retrieval

Possible Way Ahead

- **Both approaches have merit**
 - Choose a hybrid solution
- **What is needed?**
 - **Content format**
 - SDPng, MPEG-7, others
 - Don't mandate a single one; keep it open
 - **Content-indirection format**
 - **Retrieval and distribution models**
 - Push for Multicast
 - Notifications for Unicast
 - Client-server retrieval for both
 - Other...
- **MMUSIC may do the SAP and SDPng parts**