

# SDPng Update

**draft-ietf-mmusic-sdpng-03.txt**

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# Overview

- Changes in -02 and -03
- Open Issues
- Next steps

# Changes since IETF 51 (1)

- Formal specification of SDPng
  - Basic mechanisms
    - XML Namespaces
    - XML Schema
  - SDPng schema
    - Maps SDPng model to XML schema
  - Profiles and Libraries
    - Examples in XML
    - Initial versions of profiles and libraries with audio codec and RTP definitions
    - Complete definition in appendix

# Changes since IETF 51 (2)

- Usage of SDPng
- SAP
  - First outline, example missing
- SIP & SDPng
  - Complete Example: Offer/Answer with SPDng
- RTSP, MEGACOP
  - TBD.

# Open Issues (1)

- Scope of SDPng's baseline spec.
  - Which definitions are implicitly known?
    - Nothing besides basic SDPng structuring?
    - SPDng + RTP & avt-profile?
- Document modularisation
  - Base spec
  - Network (IPv4 + IPv6)
  - Transport (UDP, TCP, SCTP, RTP, ...)
  - Codecs: audio, video, ...

# Open Issues (2)

- Libraries
  - Accessing referenced libraries when initiating conferences can add delay (and be error-prone)
    - Possible Solution: generate standalone description
    - A reasonably comprehensive set of basic definitions can reduce need for external libraries for most applications
  - Uniqueness of identifiers in libraries (and description documents)
    - Define conventions for choosing unique identifiers?

# Next Steps (1)

- Split draft
  - Informative document that discusses motivation, requirements und underlying model
  - Normative basic specification (with some examples)
  - Profiles and libraries

# Next Steps (2)

- Provide reference implementation
  - Simple, small memory foot-print
  - Usable as a drop-in-replacement for SDP
  - Conversion function to/from SDP
  - Feed experiences with implementations back to draft advancement
  - Time frame: first release early 2002

# Next Steps (3)

- More Profiles
  - Video, transport protocols, QoS, security
- Document SDPng transition path
  - In progress, coming soon
- Check whether it does what you need