draft-ietf-avt-rtp-h264-02.txt

RTP Payload for JVT Video

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Status

- **Standard approved by ITU, approval pending in ISO/IEC**
- **Work continues on "Professional Extensions"**
  - **4:2:2 and 4:4:4 sampling structures and**
  - **Colorspaces other than YUV,**
  - **No need for changes of I-D anticipated**
- **I-D progresses well, thanks to our new co-authors**

Changes

- **Editorial**
- **DON concept**
  - **Clarifications, more Examples**
  - **Simple DON rules**
    - **Decode in ascending DON order**
    - **When DON is unchanged, decode in any order**
  - **Have now two STAPs, with and without DON**
- **RTP timestamp vs. Interlace clarifications**
- **De-packetization reflects better a lossy environment**
- **More application examples, including H.241 Annex A**
- **Security section updated in the spirit of RFC2429**

Open Issues

- **Base 64 encoding for parameter sets MIME parameter?**
    - **Offers better compression, but is not that common yet**
- **Security Section needs thorough review**
- **Draft is getting long and complex**
    - **Not much one can do about it :-(**

Open Issues (after I-D deadline)

- **Concern over Timing SEI messages**
  - **H.264 SEI timing info can contradict RTP timestamp in a few cases**
    - **3:2 pulldown, other interlace-related tricks**
  - **Concern over stupid implementers that take (or expect) the timing from video stream instead of RTP timestamp**
    - **Known problem in the MPEG-2 world**
  - **Need to add language**

Questions, Comments?

- **Thank you,**

- **See you all in Minneapolis**