MIME Types in 1722

IEEE 1722 Meeting 10/26/10

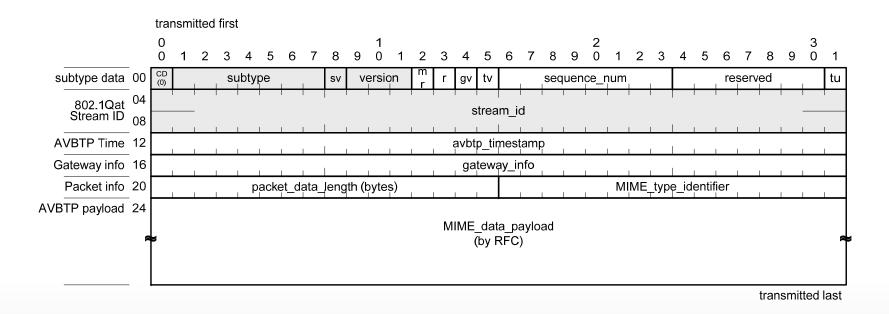Dave Olsen

MIME Type possible formats

MIME Type identifier

- **Content Types**

  - audio

  - video

- **Subtypes**

  - IANA registered audio types, 127 subtypes

  - IANA registered video types, 67 subtypes

- **Content Types and Subtypes**

  - 70 octets each

  - We only care about audio and video so we would need 76 bytes for format definition

Type Table

- **We could implement a types table.**

- **This would be non standard and subject to frequent maintanence**

Identifier	Audio subtype
1	ac3
2	ogg

Identifier	Video subtype
1001	jpeg
1002	jpeg2000

Compatibility of RTP payload type

- **How compatible are all RTP payload types?**

- **Do we need to investigate each supported type?**

- **Can we have a smaller list of supported types?**

- **Can we do a generic format and ignore the details?**

- **NOTES from meeting – The consensus from the 1722 task group is that we can only research/support a limited subset of MIME types. Currently the list will include MJPEG (RFC xxx)**

- **No one feels that we can do a very limited generic solution and expect success.**

- **MIME type advertising should be done by 1722.1 and a MIME type identifier will not be included in each packet.**

- **Perhaps we should remove the word MIME and come up with a generic type with a subtype that specifically supports the needed type**

- **There is very little support for a generic support for MIME type because of the problems with interoperability.**

Possible issues from meeting

- **More types equals less interoperability**

- **Can we do an extremely limited subset, like 1.**

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