

General MIME types for MPEG-4 contents
(draft-lim-mpeg4-mime-01.txt)

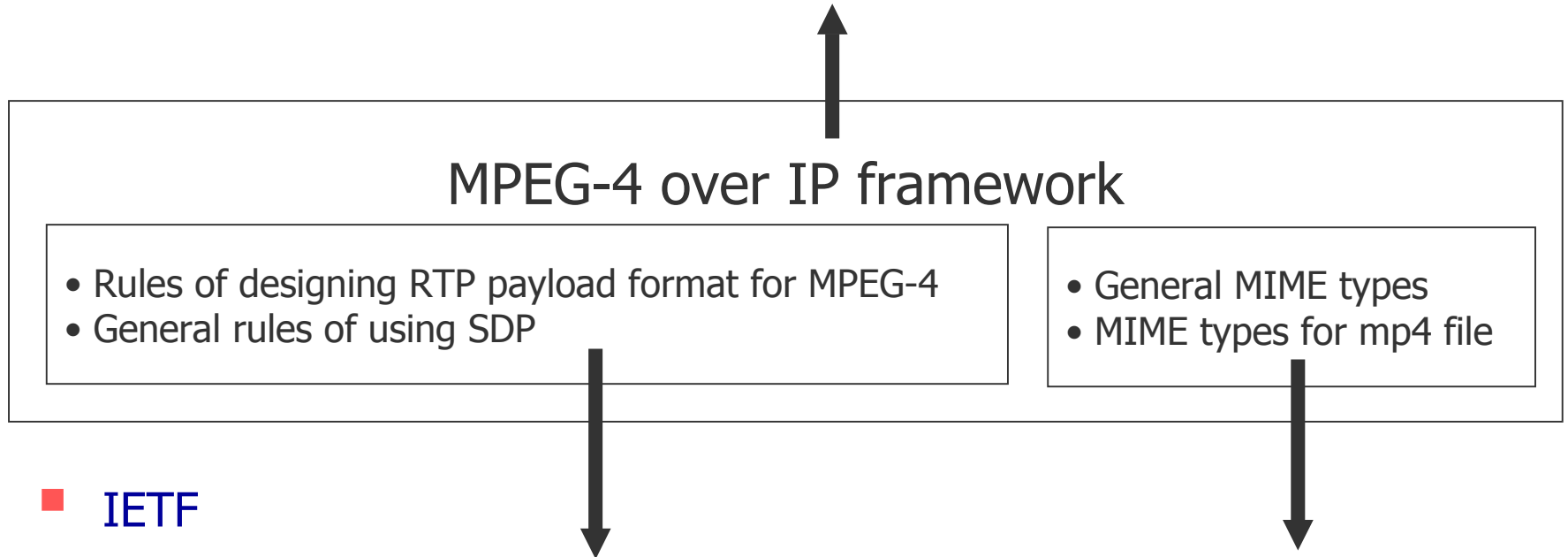
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Introduction

- Registering general MIME types for MPEG-4 contents
 - Specifying rules of using top level MIME types
 - Registering general MIME types not belonging to specific payload formats
 - Registering MIME types for MP4 files services
- Relationship with framework
 - Integral part of ISO/IEC 14496-8 (4onIP framework)
 - Separate Internet-Draft targeting information RFC pointing publicly available ISO/IEC 14496-8 document will be submitted.

■ MPEG

- ISO/IEC 14496-8 : normative specification specifying framework
- document will be freely available on the website (not done yet)
- MPEG will only refer payload formats following this framework



■ IETF

- informational RFC
- only containing pointer to ISO/IEC 14496-8
- standard track RFC
- this draft

Top level MIME types

- video
 - MPEG-4 Visual Streams (streamType == 3)
 - Graphics streams (streamType == 4)
 - MPEG-4 Systems Streams resulting audio-visual presentation
- audio
 - MPEG-4 Audio Streams (streamType == 5)
 - MPEG-4 Systems Streams resulting audio only presentation
- application
 - MPEG-4 Systems Stream not producing any audio-visual presentation (e.g. MPEG-J streams)
- Aligned with simple payload format draft.

MIME types for MP4 file

- if the file contains neither visual nor audio presentations, but only for example MPEG-J or MPEG-7, use application/mp4
- for all other files, including those which have MPEG-J etc. in addition to video or audio streams, video/mp4 should be used, although:
- for files with audio but no visual aspect, including those which have MPEG-J etc. in addition to audio streams, audio/mp4 may be used.

MIME types for IOD

- applications/mpeg4-iod for binary format
- applications/mpeg4-iod-xmt for textual format