

## MIME Type Registration of RTP Payload Formats

### Status of this Memo

This document specifies an Internet standards track protocol for the Internet community, and requests discussion and suggestions for improvements. Please refer to the current edition of the "Internet Official Protocol Standards" (STD 1) for the standardization state and status of this protocol. Distribution of this memo is unlimited.

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### Abstract

This document defines the procedure to register RTP Payload Formats as audio, video or other MIME subtype names. This is useful in a text-based format or control protocol to identify the type of an RTP transmission. This document also registers all the RTP payload formats defined in the RTP Profile for Audio and Video Conferences as MIME subtypes. Some of these may also be used for transfer modes other than RTP.

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## 1. Introduction

The MIME registration procedure described in RFC 2048 [1] was originally designed for transport of multimedia information via asynchronous Internet mail, but the MIME namespace now provides identification for other transport modes as well. This document defines the procedure to register MIME subtype names for use with the Real-time Transport Protocol (RTP), RFC 3550 [2], to identify RTP payload formats.

This document also registers all the RTP payload formats defined in the RTP Profile for Audio and Video Conferences, RFC 3551 [3], as MIME subtypes under the "audio" and "video" MIME types.

### 1.1. IANA Considerations

This document registers the following MIME subtypes:

- audio/DVI4
- audio/G722
- audio/G723
- audio/G726-16
- audio/G726-24
- audio/G726-32
- audio/G726-40
- audio/G728
- audio/G729
- audio/G729D
- audio/G729E
- audio/GSM
- audio/GSM-EFR
- audio/L8
- audio/L16
- audio/LPC
- audio/MPA
- audio/PCMA
- audio/PCMU
- audio/QCELP
- audio/RED
- audio/VDVI
- video/BT656
- video/CelB
- video/JPEG
- video/H261
- video/H263
- video/H263-1998
- video/H263-2000
- video/MPV

video/MP2T  
video/MP1S  
video/MP2P  
video/BMPEG  
video/nv

MIME subtype audio/L16 has already been registered via RFC 2586 for transports other than RTP. That registration is incorporated here and augmented with additional information for RTP transp