

X.400 Image Body Parts

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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1. Introduction

This document contains the body parts defined in RFC 1495 for carrying image formats that were originally defined in MIME through an X.400 system.

It also documents the OIDs assigned to these data formats as FTAM body parts, which allow the MIME types to be converted to FTAM body parts; this will probably be more useful than the new body parts defined here.

2. Newly defined X.400 body parts

2.1. The JPEG body part

The following Extended Body Part is defined for JPEG data streams. It has no parameters.

```
jpeg-body-part EXTENDED-BODY-PART-TYPE
  DATA          OCTET STRING
  ::= mime-jpeg-body
```

```
mime-jpeg-body OBJECT IDENTIFIER ::=
  { mixer-bp-data 3 }
```

The content is as defined in [MIME].

2.2. The GIF body part

The following Extended Body Part is defined for GIF data streams. It has no parameters.

```
gif-body-part EXTENDED-BODY-PART-TYPE
  DATA          OCTET STRING
  ::= mime-gif-body

mime-gif-body OBJECT IDENTIFIER ::=
  { mixer-bp-data 4 }
```

The content is as defined in [MIME].

3. Defined equivalences with MIME types

3.1. image/jpeg - jpeg-body-part

X.400 Body Part: Extended Body Part, OID jpeg-body-part
MIME Content-Type: image/jpeg
Conversion: None

3.2. image/jpeg - FTAM EMA JPEG

X.400 Body Part: FTAM EMA JPEG
MIME Content-Type: image/jpeg
Conversion: None

The OID assigned to JPEG by EMA in [MAWG] is

```
{ ema objects(2) messaging (2) attachments(1) jpeg-image(6) }
```

while EMA's OID is

```
{ joint-iso-ccitt(2) country(16) us(840) organization(1)
  ema(113694) }
```

making the total OID, numeric only

```
{ 2 16 840 1 113694 2 2 1 6 }
```

3.3. image/gif - gif-body-part

X.400 Body Part: Extended Body Part, OID gif-body-part
MIME Content-Type: image/gif
Conversion: None

3.4. image/gif - FTAM EMA GIF

X.400 Body Part: FTAM EMA GIF
MIME Content-Type: image/jpeg
Conversion: None

The OID assigned to JPEG by EMA in [MAWG] is

```
{ ema objects(2) messaging (2) attachments(1) gif-image(4) }
```

4. Security Considerations

Security issues are not considered in this memo.

5. References

[MIME]

Freed, N., and N. Borenstein, "Multipurpose Internet Mail Extensions (MIME) Part One: Format of Internet Message Bodies", RFC 2045, November 1996.

[MAWG]

Electronic Messaging Association Message Attachment Working Group (MAWG): File Transfer Body Part Feasibility Project Guide - version 1.5.1 - March 1996.

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