

draft

PostScript body parts

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Carrying PostScript in X.400 and MIME

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This document is an update to part of [RFC 1494](#).

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1. Introduction

This document describes methods for carrying PostScript information in the two standard mail systems MIME and X.400, and the conversion between them. It uses the notational conventions of [[BODYMAP](#)], and the conversion is further described in [[MIXER](#)].

2. The PostScript body part

Carrying PostScript in X.400 was originally defined in [RFC 1494](#). This specification carries that work forward now that [RFC 1494](#) is obsoleted by [[BODYMAP](#)].

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

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

```
mime-postscript-body OBJECT IDENTIFIER ::=
    { mixer-bp-data 2 }
```

3. The Application/PostScript content-type

In MIME, PostScript is carried in the body part "application/PostScript", which is defined in [RFC 1521](#).

4. MIXER conversion

X.400 Body Part: Extended Body Part, OID mime-postscript-body
MIME Content-Type: application/postscript
Conversion Type: No conversion

The two representations of PostScript both contain a single stream of octets. This stream of octets can be copied with no problems between the representations. No other data needs to be converted.

5. OID Assignments

This OID is also defined in [[BODYMAP](#)].

```
POSTSCRIPT-MAPPINGS DEFINITIONS ::= BEGIN
```

```
EXPORTS -- everything --;
```

```
IMPORTS
```

```
    mixer-bp-data
```

```
    FROM MIXER-MAPPINGS
```

```
id-mime-postscript-body OBJECT IDENTIFIER ::=
```

```
    { mixer-bp-data 2 };
```

```
END
```

6. Security issues

The issues concerning PostScript and security are well discussed in [RFC 1521](#). No additional security issues are identified by this memo.

7. Trademark issues

PostScript is a trademark of Adobe Systems, Inc.

8. References

[MIXER]

S.E. Hardcastle-Kille, MIXER: Mapping between X.400 and [RFC 822](#)/MIME (in preparation)

[BODYMAP]

Mapping between X.400 and [RFC 822](#)/MIME message bodies (in preparation)

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