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***Rocky Enterprise Linux 9.2 Manual Pages on command 'i2d\_PKCS7\_bio\_stream.3ossl'***

```
$ man i2d_PKCS7_bio_stream.3ossl
```

```
I2D_PKCS7_BIO_STREAM(3ossl)    OpenSSL    I2D_PKCS7_BIO_STREAM(3ossl)
```

NAME

i2d\_PKCS7\_bio\_stream - output PKCS7 structure in BER format

SYNOPSIS

```
#include <openssl/pkcs7.h>
```

```
int i2d_PKCS7_bio_stream(BIO *out, PKCS7 *p7, BIO *data, int flags);
```

DESCRIPTION

i2d\_PKCS7\_bio\_stream() outputs a PKCS7 structure in BER format.

It is otherwise identical to the function SMIME\_write\_PKCS7().

NOTES

This function is effectively a version of the d2i\_PKCS7\_bio() supporting streaming.

## BUGS

The prefix "i2d" is arguably wrong because the function outputs BER format.

## RETURN VALUES

i2d\_PKCS7\_bio\_stream() returns 1 for success or 0 for failure.

## SEE ALSO

ERR\_get\_error(3), PKCS7\_sign(3), PKCS7\_verify(3), PKCS7\_encrypt(3)  
PKCS7\_decrypt(3), SMIME\_write\_PKCS7(3), PEM\_write\_bio\_PKCS7\_stream(3)

## HISTORY

The i2d\_PKCS7\_bio\_stream() function was added in OpenSSL 1.0.0.

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