



## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'i2d\_PKCS7\_bio\_stream.3oss1' command***

***\$ man i2d\_PKCS7\_bio\_stream.3oss1***

***I2D\_PKCS7\_BIO\_STREAM(3oss1)    OpenSSL    I2D\_PKCS7\_BIO\_STREAM(3oss1)***

### **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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