

**NAME**

PEM\_write\_bio\_PKCS7\_stream - output PKCS7 structure in PEM format

**SYNOPSIS**

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

```
int PEM_write_bio_PKCS7_stream(BIO *out, PKCS7 *p7, BIO *data, int flags);
```

**DESCRIPTION**

*PEM\_write\_bio\_PKCS7\_stream()* outputs a PKCS7 structure in PEM format.

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

**NOTES**

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

**RETURN VALUES**

*PEM\_write\_bio\_PKCS7\_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\(3\)](#), [i2d\\_PKCS7\\_bio\\_stream\(3\)](#)

**HISTORY**

*PEM\_write\_bio\_PKCS7\_stream()* was added to OpenSSL 1.0.0

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