

NAME

i2d_CMS_bio_stream - output CMS_ContentInfo structure in BER format

SYNOPSIS

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

```
int i2d_CMS_bio_stream(BIO *out, CMS_ContentInfo *cms, BIO *data, int flags);
```

DESCRIPTION

i2d_CMS_bio_stream() outputs a CMS_ContentInfo structure in BER format.

It is otherwise identical to the function **SMIME_write_CMS()**.

NOTES

This function is effectively a version of the **i2d_CMS_bio()** supporting streaming.

BUGS

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

RETURN VALUES

i2d_CMS_bio_stream() returns 1 for success or 0 for failure.

SEE ALSO

ERR_get_error(3), **CMS_sign(3)**, **CMS_verify(3)**, **CMS_encrypt(3)** **CMS_decrypt(3)**,
SMIME_write_CMS(3), **PEM_write_bio_CMS_stream(3)**

HISTORY

The **i2d_CMS_bio_stream()** function was added in OpenSSL 1.0.0.

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