

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

`i2d_CMS_bio_stream()` was added to OpenSSL 1.0.0