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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'CMS_data_create_ex.3ossl' command

\$ man CMS_data_create_ex.3ossl

CMS_DATA_CREATE(3ossl) OpenSSL CMS_DATA_CREATE(3ossl)

NAME

CMS_data_create_ex, CMS_data_create - Create CMS Data object

SYNOPSIS

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

```
CMS_ContentInfo *CMS_data_create_ex(BIO *in, unsigned int flags,  
                                     OSSL_LIB_CTX *libctx, const char *propq);  
CMS_ContentInfo *CMS_data_create(BIO *in, unsigned int flags);
```

DESCRIPTION

CMS_data_create_ex() creates a CMS_ContentInfo structure with a type NID_pkcs7_data. The data is supplied via the in BIO. The library context libctx and the property query propq are used when retrieving algorithms from providers. The flags field supports the CMS_STREAM flag. Internally CMS_final() is called unless CMS_STREAM is specified.

The CMS_ContentInfo structure can be freed using CMS_ContentInfo_free(3).

CMS_data_create() is similar to CMS_data_create_ex() but uses default

values of NULL for the library context libctx and the property query propq.

RETURN VALUES

If the allocation fails, `CMS_data_create_ex()` and `CMS_data_create()` return NULL and set an error code that can be obtained by `ERR_get_error(3)`. Otherwise they return a pointer to the newly allocated structure.

SEE ALSO

`ERR_get_error(3)`, `CMS_final(3)`

HISTORY

The `CMS_data_create_ex()` method was added in OpenSSL 3.0.

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3.0.7 2023-07-13 CMS_DATA_CREATE(3openssl)