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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'CMS\_data\_create.3oss1'***

***\$ man CMS\_data\_create.3oss1***

CMS\_DATA\_CREATE(3oss1)      OpenSSL      CMS\_DATA\_CREATE(3oss1)

#### 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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