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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'CMS\_uncompress.3oss1' command**

**\$ man CMS\_uncompress.3oss1**

CMS\_UNCOMPRESS(3oss1)      OpenSSL      CMS\_UNCOMPRESS(3oss1)

### NAME

CMS\_uncompress - uncompress a CMS CompressedData structure

### SYNOPSIS

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

```
int CMS_uncompress(CMS_ContentInfo *cms, BIO *dcont, BIO *out, unsigned int flags);
```

### DESCRIPTION

CMS\_uncompress() extracts and uncompresses the content from a CMS CompressedData structure cms. data is a BIO to write the content to and flags is an optional set of flags.

The dcont parameter is used in the rare case where the compressed content is detached. It will normally be set to NULL.

### NOTES

The only currently supported compression algorithm is zlib: if the structure indicates the use of any other algorithm an error is returned.

If zlib support is not compiled into OpenSSL then CMS\_uncompress() will always return an error.

The following flags can be passed in the flags parameter.

If the CMS\_TEXT flag is set MIME headers for type text/plain are deleted from the content. If the content is not of type text/plain then an error is returned.

## RETURN VALUES

CMS\_uncompress() returns either 1 for success or 0 for failure. The error can be obtained from ERR\_get\_error(3)

## BUGS

The lack of single pass processing and the need to hold all data in memory as mentioned in CMS\_verify() also applies to CMS\_decompress().

## SEE ALSO

ERR\_get\_error(3), CMS\_compress(3)

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