



Full credit is given to the above companies including the OS that this PDF file was generated!

Rocky Enterprise Linux 9.2 Manual Pages on command 'CMS_uncompress.3ossl'

\$ man CMS_uncompress.3ossl

CMS_UNCOMPRESS(3ossl) OpenSSL CMS_UNCOMPRESS(3ossl)

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)`

COPYRIGHT

Copyright 2008-2016 The OpenSSL Project Authors. All Rights Reserved.

Licensed under the Apache License 2.0 (the "License"). You may not use this file except in compliance with the License. You can obtain a copy in the file LICENSE in the source distribution or at <https://www.openssl.org/source/license.html>.

