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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'EVP\_camellia\_128\_cfb1.3oss1' command**

```
$ man EVP_camellia_128_cfb1.3oss1
```

```
EVP_CAMELLIA_128_ECB(3oss1)    OpenSSL    EVP_CAMELLIA_128_ECB(3oss1)
```

### NAME

EVP\_camellia\_128\_cbc, EVP\_camellia\_192\_cbc, EVP\_camellia\_256\_cbc,  
EVP\_camellia\_128\_cfb, EVP\_camellia\_192\_cfb, EVP\_camellia\_256\_cfb,  
EVP\_camellia\_128\_cfb1, EVP\_camellia\_192\_cfb1, EVP\_camellia\_256\_cfb1,  
EVP\_camellia\_128\_cfb8, EVP\_camellia\_192\_cfb8, EVP\_camellia\_256\_cfb8,  
EVP\_camellia\_128\_cfb128, EVP\_camellia\_192\_cfb128,  
EVP\_camellia\_256\_cfb128, EVP\_camellia\_128\_ctr, EVP\_camellia\_192\_ctr,  
EVP\_camellia\_256\_ctr, EVP\_camellia\_128\_ecb, EVP\_camellia\_192\_ecb,  
EVP\_camellia\_256\_ecb, EVP\_camellia\_128\_ofb, EVP\_camellia\_192\_ofb,  
EVP\_camellia\_256\_ofb - EVP Camellia cipher

### SYNOPSIS

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

```
const EVP_CIPHER *EVP_ciphertype(void)
```

EVP\_ciphertype is used a placeholder for any of the described cipher functions, such as EVP\_camellia\_128\_cbc.

### DESCRIPTION

The Camellia encryption algorithm for EVP.

EVP\_camellia\_128\_cbc(), EVP\_camellia\_192\_cbc(), EVP\_camellia\_256\_cbc(),  
EVP\_camellia\_128\_cfb(), EVP\_camellia\_192\_cfb(), EVP\_camellia\_256\_cfb(),  
EVP\_camellia\_128\_cfb1(), EVP\_camellia\_192\_cfb1(),  
EVP\_camellia\_256\_cfb1(), EVP\_camellia\_128\_cfb8(),  
EVP\_camellia\_192\_cfb8(), EVP\_camellia\_256\_cfb8(),  
EVP\_camellia\_128\_cfb128(), EVP\_camellia\_192\_cfb128(),  
EVP\_camellia\_256\_cfb128(), EVP\_camellia\_128\_ctr(),  
EVP\_camellia\_192\_ctr(), EVP\_camellia\_256\_ctr(), EVP\_camellia\_128\_ecb(),  
EVP\_camellia\_192\_ecb(), EVP\_camellia\_256\_ecb(), EVP\_camellia\_128\_ofb(),  
EVP\_camellia\_192\_ofb(), EVP\_camellia\_256\_ofb()

Camellia for 128, 192 and 256 bit keys in the following modes: CBC,  
CFB with 128-bit shift, CFB with 1-bit shift, CFB with 8-bit shift,  
CTR, ECB and OFB.

## RETURN VALUES

These functions return an EVP\_CIPHER structure that contains the implementation of the symmetric cipher. See EVP\_CIPHER\_meth\_new(3) for details of the EVP\_CIPHER structure.

## SEE ALSO

evp(7), EVP\_EncryptInit(3), EVP\_CIPHER\_meth\_new(3)

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