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

**`$ man EVP_camellia_128_ctr.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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