

**NAME**

EVP\_cast5\_cbc, EVP\_cast5\_cfb, EVP\_cast5\_cfb64, EVP\_cast5\_ecb, EVP\_cast5\_ofb - EVP CAST cipher

**SYNOPSIS**

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

```
const EVP_CIPHER *EVP_cast5_cbc(void);  
const EVP_CIPHER *EVP_cast5_cfb(void);  
const EVP_CIPHER *EVP_cast5_cfb64(void);  
const EVP_CIPHER *EVP_cast5_ecb(void);  
const EVP_CIPHER *EVP_cast5_ofb(void);
```

**DESCRIPTION**

The CAST encryption algorithm for EVP.

This is a variable key length cipher.

**EVP\_cast5\_cbc()**, **EVP\_cast5\_ecb()**, **EVP\_cast5\_cfb()**, **EVP\_cast5\_cfb64()**, **EVP\_cast5\_ofb()**  
CAST encryption algorithm in CBC, ECB, CFB and OFB modes respectively.

**NOTES**

Developers should be aware of the negative performance implications of calling these functions multiple times and should consider using **EVP\_CIPHER\_fetch(3)** instead. See "Performance" in **crypto(7)** for further information.

**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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