NAME

EVP_desx_cbc − EVP DES−X cipher

SYNOPSIS

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

const EVP_CIPHER *EVP_desx_cbc(void);
```

DESCRIPTION

The DES−X encryption algorithm for EVP.

All modes below use a key length of 128 bits and acts on blocks of 128−bits.

EVP_desx_cbc()

The DES−X algorithm in CBC mode.

This algorithm is not provided by the OpenSSL default provider. To use it is necessary to load either the OpenSSL legacy provider or another implementation.

Developers should be aware of the negative performance implications of calling this function multiple times and should consider using **EVP_CIPHER_fetch**(3) with **EVP_CIPHER−DES**(7) 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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