

NAME

EVP_seed_cbc, EVP_seed_cfb, EVP_seed_cfb128, EVP_seed_ecb, EVP_seed_ofb - EVP SEED cipher

SYNOPSIS

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

```
const EVP_CIPHER *EVP_seed_cbc(void);
const EVP_CIPHER *EVP_seed_cfb(void);
const EVP_CIPHER *EVP_seed_cfb128(void);
const EVP_CIPHER *EVP_seed_ecb(void);
const EVP_CIPHER *EVP_seed_ofb(void);
```

DESCRIPTION

The SEED encryption algorithm for EVP.

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

EVP_seed_cbc(), **EVP_seed_cfb()**, **EVP_seed_cfb128()**, **EVP_seed_ecb()**, **EVP_seed_ofb()**

The SEED encryption algorithm in CBC, CFB, ECB 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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