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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'EVP_rc2_cbc.3ossl' command

$ man EVP_rc2_cbc.3ossl

EVP_RC2_CBC(3ossl) OpenSSL EVP_RC2_CBC(3ossl)

NAME

EVP_rc2_cbc, EVP_rc2_cfb, EVP_rc2_cfb64, EVP_rc2_ecb, EVP_rc2_ofb,

EVP_rc2_40_cbc, EVP_rc2_64_cbc - EVP RC2 cipher

SYNOPSIS

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

const EVP_CIPHER *EVP_rc2_cbc(void);
const EVP_CIPHER *EVP_rc2_cfb(void);
const EVP_CIPHER *EVP_rc2_cfb64(void);
const EVP_CIPHER *EVP_rc2_ecb(void);
const EVP_CIPHER *EVP_rc2_ofb(void);
const EVP_CIPHER *EVP_rc2_40_cbc(void);
const EVP_CIPHER *EVP_rc2_64_cbc(void);
```

DESCRIPTION

The RC2 encryption algorithm for EVP.

EVP_rc2_cbc(), EVP_rc2_cfb(), EVP_rc2_cfb64(), EVP_rc2_ecb(),

EVP_rc2_ofb()

RC2 encryption algorithm in CBC, CFB, ECB and OFB modes

respectively. This is a variable key length cipher with an additional parameter called "effective key bits" or "effective key length". By default both are set to 128 bits.

EVP_rc2_40_cbc(), EVP_rc2_64_cbc()

RC2 algorithm in CBC mode with a default key length and effective key length of 40 and 64 bits.

WARNING: these functions are obsolete. Their usage should be replaced with the EVP_rc2_cbc(), EVP_CIPHER_CTX_set_key_length() and EVP_CIPHER_CTX_ctrl() functions to set the key length and effective key length.

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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