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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'EVP_aria_128_ccm.3ossl' command

$ man EVP_aria_128_ccm.3ossl

EVP_ARIA_128_GCM(3ossl) OpenSSL EVP_ARIA_128_GCM(3ossl)

NAME

EVP_aria_128_cbc, EVP_aria_192_cbc, EVP_aria_256_cbc, EVP_aria_128_cfb, EVP_aria_192_cfb, EVP_aria_256_cfb, EVP_aria_128_cfb1, EVP_aria_192_cfb1, EVP_aria_256_cfb1, EVP_aria_128_cfb8, EVP_aria_192_cfb8, EVP_aria_256_cfb8, EVP_aria_128_cfb128, EVP_aria_192_cfb128, EVP_aria_256_cfb128, EVP_aria_128_ctr, EVP_aria_192_ctr, EVP_aria_256_ctr, EVP_aria_128_ecb, EVP_aria_192_ecb, EVP_aria_256_ecb, EVP_aria_128_ofb, EVP_aria_192_ofb, EVP_aria_256_ofb, EVP_aria_128_ccm, EVP_aria_192_ccm, EVP_aria_256_ccm, EVP_aria_128_gcm, EVP_aria_192_gcm, EVP_aria_256_gcm, - EVP ARIA cipher

SYNOPSIS

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

const EVP_CIPHER *EVP_ciphername(void)
```

EVP_ciphername is used a placeholder for any of the described cipher functions, such as EVP_aria_128_cbc.

DESCRIPTION

The ARIA encryption algorithm for EVP.

EVP_aria_128_cbc(), EVP_aria_192_cbc(), EVP_aria_256_cbc(),
EVP_aria_128_cfb(), EVP_aria_192_cfb(), EVP_aria_256_cfb(),
EVP_aria_128_cfb1(), EVP_aria_192_cfb1(), EVP_aria_256_cfb1(),
EVP_aria_128_cfb8(), EVP_aria_192_cfb8(), EVP_aria_256_cfb8(),
EVP_aria_128_cfb128(), EVP_aria_192_cfb128(), EVP_aria_256_cfb128(),
EVP_aria_128_ctr(), EVP_aria_192_ctr(), EVP_aria_256_ctr(),
EVP_aria_128_ecb(), EVP_aria_192_ecb(), EVP_aria_256_ecb(),
EVP_aria_128_ofb(), EVP_aria_192_ofb(), EVP_aria_256_ofb()

ARIA 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.

EVP_aria_128_ccm(), EVP_aria_192_ccm(), EVP_aria_256_ccm(),
EVP_aria_128_gcm(), EVP_aria_192_gcm(), EVP_aria_256_gcm(),

ARIA for 128, 192 and 256 bit keys in CBC-MAC Mode (CCM) and Galois Counter Mode (GCM). These ciphers require additional control operations to function correctly, see the "AEAD Interface" in EVP_EncryptInit(3) section for details.

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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