



Full credit is given to the above companies including the Operating System (OS) that this PDF file was generated!

Rocky Enterprise Linux 9.2 Manual Pages on command 'CryptX.3pm'

\$ man CryptX.3pm

CryptX(3pm) User Contributed Perl Documentation CryptX(3pm)

NAME

CryptX - Cryptographic toolkit

DESCRIPTION

Perl modules providing a cryptography based on LibTomCrypt

<<https://github.com/libtom/libtomcrypt>> library.

? Symmetric ciphers - see Crypt::Cipher and related modules

Crypt::Cipher::AES, Crypt::Cipher::Anubis, Crypt::Cipher::Blowfish,
Crypt::Cipher::Camellia, Crypt::Cipher::CAST5, Crypt::Cipher::DES,
Crypt::Cipher::DES_EDE, Crypt::Cipher::IDEA, Crypt::Cipher::KASUMI,
Crypt::Cipher::Khazad, Crypt::Cipher::MULTI2, Crypt::Cipher::Noekeon,
Crypt::Cipher::RC2, Crypt::Cipher::RC5, Crypt::Cipher::RC6, Crypt::Cipher::SAFERP,
Crypt::Cipher::SAFER_K128, Crypt::Cipher::SAFER_K64, Crypt::Cipher::SAFER_SK128,
Crypt::Cipher::SAFER_SK64, Crypt::Cipher::SEED, Crypt::Cipher::Serpent,
Crypt::Cipher::Skipjack, Crypt::Cipher::Twofish, Crypt::Cipher::XTEA

? Block cipher modes

Crypt::Mode::CBC, Crypt::Mode::CFB, Crypt::Mode::CTR, Crypt::Mode::ECB,
Crypt::Mode::OFB

? Stream ciphers

Crypt::Stream::RC4, Crypt::Stream::ChaCha, Crypt::Stream::Salsa20,
Crypt::Stream::Sober128, Crypt::Stream::Sosemanuk, Crypt::Stream::Rabbit

? Authenticated encryption modes

Crypt::AuthEnc::CCM, Crypt::AuthEnc::EAX, Crypt::AuthEnc::GCM, Crypt::AuthEnc::OCB,

Crypt::AuthEnc::ChaCha20Poly1305

? Hash Functions - see Crypt::Digest and related modules

Crypt::Digest::BLAKE2b_160, Crypt::Digest::BLAKE2b_256, Crypt::Digest::BLAKE2b_384,

Crypt::Digest::BLAKE2b_512, Crypt::Digest::BLAKE2s_128, Crypt::Digest::BLAKE2s_160,

Crypt::Digest::BLAKE2s_224, Crypt::Digest::BLAKE2s_256, Crypt::Digest::CHACHA20,

Crypt::Digest::MD2, Crypt::Digest::MD4, Crypt::Digest::MD5, Crypt::Digest::RIPEMD128,

Crypt::Digest::RIPEMD160, Crypt::Digest::RIPEMD256, Crypt::Digest::RIPEMD320,

Crypt::Digest::SHA1, Crypt::Digest::SHA224, Crypt::Digest::SHA256,

Crypt::Digest::SHA384, Crypt::Digest::SHA512, Crypt::Digest::SHA512_224,

Crypt::Digest::SHA512_256, Crypt::Digest::Tiger192, Crypt::Digest::Whirlpool,

Crypt::Digest::Keccak224, Crypt::Digest::Keccak256, Crypt::Digest::Keccak384,

Crypt::Digest::Keccak512, Crypt::Digest::SHA3_224, Crypt::Digest::SHA3_256,

Crypt::Digest::SHA3_384, Crypt::Digest::SHA3_512, Crypt::Digest::SHAKE

? Checksums

Crypt::Checksum::Adler32, Crypt::Checksum::CRC32

? Message Authentication Codes

Crypt::Mac::BLAKE2b, Crypt::Mac::BLAKE2s, Crypt::Mac::F9, Crypt::Mac::HMAC,

Crypt::Mac::OMAC, Crypt::Mac::Pelican, Crypt::Mac::PMAC, Crypt::Mac::XCBC,

Crypt::Mac::Poly1305

? Public key cryptography

Crypt::PK::RSA, Crypt::PK::DSA, Crypt::PK::ECC, Crypt::PK::DH, Crypt::PK::Ed25519,

Crypt::PK::X25519

? Cryptographically secure random number generators - see Crypt::PRNG and related modules

Crypt::PRNG::Fortuna, Crypt::PRNG::Yarrow, Crypt::PRNG::RC4, Crypt::PRNG::Sober128,

Crypt::PRNG::ChaCha20

? Key derivation functions - PBKDF1, PBKDF2 and HKDF

Crypt::KeyDerivation

? Other handy functions related to cryptography

Crypt::Misc

LICENSE

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

COPYRIGHT

Copyright (c) 2013-2022 DCIT, a.s. <<https://www.dcit.cz>> / Karel Miko

perl v5.34.0

2022-02-06

CryptX(3pm)