Rocky Enterprise Linux 9.2 Manual Pages on command 'EVP_MD-MD5-SHA1.7ossl'

$ man EVP_MD-MD5-SHA1.7ossl

EVP_MD-MD5-SHA1(7ossl) OpenSSL EVP_MD-MD5-SHA1(7ossl)

NAME

EVP_MD-MD5-SHA1 - The MD5-SHA1 EVP_MD implementation

DESCRIPTION

Support for computing MD5-SHA1 digests through the EVP_MD API.

MD5-SHA1 is a rather special digest that's used with SSLv3.

Identity

This implementation is only available with the default provider, and is identified with the name "MD5-SHA1".

Gettable Parameters

This implementation supports the common gettable parameters described in EVP_MD-common(7).

Settable Context Parameters

This implementation supports the following OSSL_PARAM(3) entries, settable for an EVP_MD_CTX with EVP_MD_CTX_set_params(3):

"ssl3-ms" (OSSL_DIGEST_PARAM_SSL3_MS) <octet string>

This parameter is set by libssl in order to calculate a signature hash for an SSLv3 CertificateVerify message as per RFC6101. It is only set after all handshake messages have already been digested via OP_digest_update() calls. The parameter provides the master secret value to be added to the digest. The digest implementation should calculate the complete digest as per RFC6101 section 5.6.8. The next call after setting this parameter should be OP_digest_final().

SEE ALSO

EVP_MD_CTX_set_params(3), provider-digest(7), OSSL_PROVIDER-default(7)

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