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

\$ man EVP_MD-common.7ossl

EVP_MD-COMMON(7ossl) OpenSSL EVP_MD-COMMON(7ossl)

NAME

EVP_MD-common - The OpenSSL EVP_MD implementations, common things

DESCRIPTION

All the OpenSSL EVP_MD implementations understand the following OSSL_PARAM(3) entries that are gettable with EVP_MD_get_params(3), as well as these:

"blocksize" (OSSL_DIGEST_PARAM_BLOCK_SIZE) <unsigned integer>

The digest block size. The length of the "blocksize" parameter should not exceed that of a size_t.

This value can also be retrieved with EVP_MD_get_block_size(3).

"size" (OSSL_DIGEST_PARAM_SIZE) <unsigned integer>

The digest output size. The length of the "size" parameter should

not exceed that of a `size_t`.

This value can also be retrieved with `EVP_MD_get_size(3)`.

"flags" (`OSSL_DIGEST_PARAM_FLAGS`) <unsigned integer>

Diverse flags that describe exceptional behaviour for the digest.

These flags are described in "DESCRIPTION" in

`EVP_MD_meth_set_flags(3)`.

The length of the "flags" parameter should equal that of an unsigned long int.

This value can also be retrieved with `EVP_MD_get_flags(3)`.

SEE ALSO

`EVP_MD_get_params(3)`, `provider-digest(7)`

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