NAME

EVP_ripemd160 - RIPEMD160 For EVP

SYNOPSIS

#include <openssl/evp.h>

const EVP_MD *EVP_ripemd160(void);

DESCRIPTION

RIPEMD-160 is a cryptographic hash function first published in 1996 belonging to the RIPEMD family (RACE Integrity Primitives Evaluation Message Digest). This implementation is only available with the legacy provider.

EVP_ripemd160()

The RIPEMD-160 algorithm which produces a 160-bit output from a given input.

NOTES

Developers should be aware of the negative performance implications of calling this function multiple times and should consider using **EVP_MD_fetch**(3) instead. See "Performance" in **crypto**(7) for further information.

RETURN VALUES

These functions return a **EVP_MD** structure that contains the implementation of the message digest. See **EVP_MD_meth_new**(3) for details of the **EVP_MD** structure.

CONFORMING TO

ISO/IEC 10118-3:2016 Dedicated Hash-Function 1 (RIPEMD-160).

SEE ALSO

evp(7), **provider**(7), **EVP_DigestInit**(3)

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