NAME

CRYPTO_memcmp - Constant time memory comparison

SYNOPSIS

#include <openssl/crypto.h>

int CRYPTO_memcmp(const void *a, const void *b, size_t len);

DESCRIPTION

The CRYPTO_memcmp function compares the **len** bytes pointed to by **a** and **b** for equality. It takes an amount of time dependent on **len**, but independent of the contents of the memory regions pointed to by **a** and **b**.

RETURN VALUES

CRYPTO_memcmp() returns 0 if the memory regions are equal and nonzero otherwise.

NOTES

Unlike **memcmp**(2), this function cannot be used to order the two memory regions as the return value when they differ is undefined, other than being nonzero.

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