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Rocky Enterprise Linux 9.2 Manual Pages on command 'CRYPTO_memcmp.3ossl'

\$ man CRYPTO_memcmp.3ossl

CRYPTO_MEMCMP(3ossl) OpenSSL CRYPTO_MEMCMP(3ossl)

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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