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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'OPENSSL\_MSTR\_HELPER.3ossl'***

***\$ man OPENSSL\_MSTR\_HELPER.3ossl***

OPENSSL\_FILE(3ossl)            OpenSSL            OPENSSL\_FILE(3ossl)

#### NAME

OPENSSL\_FILE, OPENSSL\_LINE, OPENSSL\_FUNC, OPENSSL\_MSTR,  
OPENSSL\_MSTR\_HELPER - generic C programming utility macros

#### SYNOPSIS

```
#include <openssl/macros.h>

#define OPENSSL_FILE /* typically: __FILE__ */
#define OPENSSL_LINE /* typically: __LINE__ */
#define OPENSSL_FUNC /* typically: __func__ */

#define OPENSSL_MSTR_HELPER(x) #x
#define OPENSSL_MSTR(x) OPENSSL_MSTR_HELPER(x)
```

#### DESCRIPTION

The macros OPENSSL\_FILE and OPENSSL\_LINE typically yield the current

filename and line number during C compilation. When `OPENSSL_NO_FILENAMES` is defined they yield "" and 0, respectively.

The macro `OPENSSL_FUNC` attempts to yield the name of the C function currently being compiled, as far as language and compiler versions allow. Otherwise, it yields "(unknown function)".

The macro `OPENSSL_MSTR` yields the expansion of the macro given as argument, which is useful for concatenation with string constants. The macro `OPENSSL_MSTR_HELPER` is an auxiliary macro for this purpose.

## RETURN VALUES

see above

## SEE ALSO

`crypto(7)`

## HISTORY

`OPENSSL_FUNC`, `OPENSSL_MSTR`, and `OPENSSL_MSTR_HELPER` were added in OpenSSL 3.0.

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