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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'OPENSSL_LINE.3oss1' command

\$ man OPENSSL_LINE.3oss1

OPENSSL_FILE(3oss1) OpenSSL OPENSSL_FILE(3oss1)

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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