

NAME

ERR_print_errors, ERR_print_errors_fp - print error messages

SYNOPSIS

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

```
void ERR_print_errors(BIO *bp);  
void ERR_print_errors_fp(FILE *fp);
```

DESCRIPTION

ERR_print_errors() is a convenience function that prints the error strings for all errors that OpenSSL has recorded to **bp**, thus emptying the error queue.

ERR_print_errors_fp() is the same, except that the output goes to a **FILE**.

The error strings will have the following format:

```
[pid]:error:[error code]:[library name]:[function name]:[reason string]:[file name]:[line]:[
```

error code is an 8 digit hexadecimal number. *library name*, *function name* and *reason string* are ASCII text, as is *optional text message* if one was set for the respective error code.

If there is no text string registered for the given error code, the error string will contain the numeric code.

RETURN VALUES

ERR_print_errors() and *ERR_print_errors_fp()* return no values.

SEE ALSO

[err\(3\)](#), [ERR_error_string\(3\)](#), [ERR_get_error\(3\)](#), [ERR_load_crypto_strings\(3\)](#),
[SSL_load_error_strings\(3\)](#)

HISTORY

ERR_print_errors() and *ERR_print_errors_fp()* are available in all versions of SSLeay and OpenSSL.