

**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.