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

\$ man BIO_vsnprintf.3ossl

BIO_PRINTF(3ossl) OpenSSL BIO_PRINTF(3ossl)

NAME

BIO_printf, BIO_vprintf, BIO_snprintf, BIO_vsnprintf - formatted output to a BIO

SYNOPSIS

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

int BIO_printf(BIO *bio, const char *format, ...);

int BIO_vprintf(BIO *bio, const char *format, va_list args);

int BIO_snprintf(char *buf, size_t n, const char *format, ...);

int BIO_vsnprintf(char *buf, size_t n, const char *format, va_list args);
```

DESCRIPTION

BIO_printf() is similar to the standard C printf() function, except that the output is sent to the specified BIO, bio, rather than standard output. All common format specifiers are supported.

BIO_vprintf() is similar to the vprintf() function found on many platforms, the output is sent to the specified BIO, bio, rather than standard output. All common format specifiers are supported. The argument list args is a stdarg argument list.

BIO_snprintf() is for platforms that do not have the common snprintf() function. It is like sprintf() except that the size parameter, n, specifies the size of the output buffer.

BIO_vsnprintf() is to BIO_snprintf() as BIO_vprintf() is to BIO_printf().

RETURN VALUES

All functions return the number of bytes written, or -1 on error. For BIO_snprintf() and BIO_vsnprintf() this includes when the output buffer is too small.

NOTES

Except when n is 0, both BIO_snprintf() and BIO_vsnprintf() always terminate their output with '\0'. This includes cases where -1 is returned, such as when there is insufficient space to output the whole string.

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