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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'ERR\_PACK.3ossl'***

***\$ man ERR\_PACK.3ossl***

ERR\_LOAD\_STRINGS(3ossl)      OpenSSL      ERR\_LOAD\_STRINGS(3ossl)

#### **NAME**

ERR\_load\_strings, ERR\_PACK, ERR\_get\_next\_error\_library - load arbitrary error strings

#### **SYNOPSIS**

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

```
int ERR_load_strings(int lib, ERR_STRING_DATA *str);
```

```
int ERR_get_next_error_library(void);
```

```
unsigned long ERR_PACK(int lib, int func, int reason);
```

#### **DESCRIPTION**

ERR\_load\_strings() registers error strings for library number lib.

str is an array of error string data:

```
typedef struct ERR_string_data_st
{
    unsigned long error;
    char *string;
} ERR_STRING_DATA;
```

The error code is generated from the library number and a function and reason code: `error = ERR_PACK(lib, func, reason)`. `ERR_PACK()` is a macro.

The last entry in the array is `{0,0}`.

`ERR_get_next_error_library()` can be used to assign library numbers to user libraries at run time.

## RETURN VALUES

`ERR_load_strings()` returns 1 for success and 0 for failure. `ERR_PACK()` returns the error code. `ERR_get_next_error_library()` returns zero on failure, otherwise a new library number.

## SEE ALSO

`ERR_load_strings(3)`

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