



Full credit is given to the above companies including the Operating System (OS) that this PDF file was generated!

Rocky Enterprise Linux 9.2 Manual Pages on command 're_comp.3'

\$ man re comp.3

RE_COMP(3)

Linux Programmer's Manual

RE_COMP(3)

NAME

re_comp, re_exec - BSD regex functions

SYNOPSIS

```
#define _REGEX_RE_COMP

#include <sys/types.h>

#include <regex.h>

char *re_comp(const char *regex);

int re_exec(const char *string);
```

DESCRIPTION

`re.compile()` is used to compile the null-terminated regular expression pointed to by `regex`.

The compiled pattern occupies a static area, the pattern buffer, which is overwritten by subsequent use of `re_comp()`. If `regex` is `NULL`, no operation is performed and the pattern buffer's contents are not altered.

`re_exec()` is used to assess whether the null-terminated string pointed to by `string` matches the previously compiled regex.

RETURN VALUE

`re_comp()` returns `NULL` on successful compilation of regex otherwise it returns a pointer to an appropriate error message.

`re_exec()` returns 1 for a successful match, zero for failure.

ATTRIBUTES

For an explanation of the terms used in this section, see attributes(7).

?Interface ? Attribute ? Value ?
??
?re_comp(), re_exec() ? Thread safety ? MT-Unsafe ?
??

CONFORMING TO

4.3BSD.

NOTES

These functions are obsolete; the functions documented in regcomp(3) should be used instead.

SEE ALSO

regcomp(3), regex(7), GNU regex manual

COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.

GNU

2017-09-15

RE_COMP(3)