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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'cexp.3p' command

\$ man cexp.3p

CEXP(3P) POSIX Programmer's Manual CEXP(3P)

PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

NAME

cexp, cexpf, cexpl ? complex exponential functions

SYNOPSIS

```
#include <complex.h>

double complex cexp(double complex z);

float complex cexpf(float complex z);

long double complex cexpl(long double complex z);
```

DESCRIPTION

The functionality described on this reference page is aligned with the ISO C standard. Any conflict between the requirements described here and the ISO C standard is unintentional. This volume of POSIX.1?2017 defers to the ISO C standard.

These functions shall compute the complex exponent of z , defined as e^z .

RETURN VALUE

These functions shall return the complex exponential value of z .

ERRORS

No errors are defined.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

`clog()`

The Base Definitions volume of POSIX.1-2017, `<complex.h>`

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