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

\$ man imaxabs.3p

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

imaxabs ? return absolute value

SYNOPSIS

```
#include <inttypes.h>

intmax_t imaxabs(intmax_t j);
```

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.

The `imaxabs()` function shall compute the absolute value of an integer `j`. If the result cannot be represented, the behavior is undefined.

RETURN VALUE

The `imaxabs()` function shall return the absolute value.

ERRORS

No errors are defined.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

The absolute value of the most negative number cannot be represented in two's complement.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

`imaxdiv()`

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

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2017

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