**NAME**

intro − introduction to library functions

**DESCRIPTION**

Section 3 of the manual describes all library functions excluding the library functions (system call wrappers) described in Section 2, which implement system calls.

Many of the functions described in the section are part of the Standard C Library (*libc*). Some functions are part of other libraries (e.g., the math library, *libm*, or the real-time library, *librt*) in which case the manual page will indicate the linker option needed to link against the required library (e.g., −*lm* and −*lrt*, respectively, for the aforementioned libraries).

In some cases, the programmer must define a feature test macro in order to obtain the declaration of a function from the header file specified in the man page SYNOPSIS section. (Where required, these feature test macros must be defined before including *any* header files.) In such cases, the required macro is described in the man page. For further information on feature test macros, see **feature_test_macros**(7).

**CONFORMING TO**

Certain terms and abbreviations are used to indicate UNIX variants and standards to which calls in this section conform. See **standards**(7).

**NOTES**

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**SEE ALSO**

**intro**(2), **errno**(3), **capabilities**(7), **credentials**(7), **environ**(7), **feature_test_macros**(7), **libc**(7), **math_error**(7), **path_resolution**(7), **pthreads**(7), **signal**(7), **standards**(7), **system_data_types**(7)

**COLOPHON**

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