

NAME

localeconv – get numeric formatting information

LIBRARY

Standard C library (*libc*, *-lc*)

SYNOPSIS

```
#include <locale.h>
```

```
struct lconv *localeconv(void);
```

DESCRIPTION

The **localeconv()** function returns a pointer to a *struct lconv* for the current locale. This structure is shown in **locale(7)**, and contains all values associated with the locale categories **LC_NUMERIC** and **LC_MONETARY**. Programs may also use the functions **printf(3)** and **strfmon(3)**, which behave according to the actual locale in use.

RETURN VALUE

The **localeconv()** function returns a pointer to a filled in *struct lconv*. This structure may be (in *glibc*, *is*) statically allocated, and may be overwritten by subsequent calls. According to POSIX, the caller should not modify the contents of this structure. The **localeconv()** function always succeeds.

ATTRIBUTES

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

Interface	Attribute	Value
localeconv()	Thread safety	MT-Unsafe race:localeconv locale

STANDARDS

C99.

BUGS

The **printf(3)** family of functions may or may not honor the current locale.

SEE ALSO

locale(1), **localedef(1)**, **isalpha(3)**, **nl_langinfo(3)**, **setlocale(3)**, **strcoll(3)**, **strftime(3)**, **locale(7)**