

NAME

isspace, **isspace_l** - white-space character test

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

```
#include <ctype.h>
```

int

```
isspace(int c);
```

int

```
isspace_l(int c, locale_t loc);
```

DESCRIPTION

The **isspace()** and **isspace_l()** functions test for white-space characters. For any locale, this includes the following standard characters:

```
“\t” “\n” “\v” “\f” “\r” “ ”
```

In the "C" locale, **isspace()** and **isspace_l()** return non-zero for these characters only. The value of the argument must be representable as an *unsigned char* or the value of EOF.

The **isspace_l()** function takes an explicit locale argument, whereas the **isspace()** function uses the current global or per-thread locale.

RETURN VALUES

The **isspace()** and **isspace_l()** functions return zero if the character tests false and return non-zero if the character tests true.

COMPATIBILITY

The 4.4BSD extension of accepting arguments outside of the range of the *unsigned char* type in locales with large character sets is considered obsolete and may not be supported in future releases. The **iswspace()** or **iswspace_l()** function should be used instead.

SEE ALSO

ctype(3), ctype_l(3), iswspace(3), iswspace_l(3), multibyte(3), xlocale(3), ascii(7)

STANDARDS

The **isspace()** function conforms to ISO/IEC 9899:1990 ("ISO C90"). The **isspace_l()** function conforms to IEEE Std 1003.1-2008 ("POSIX.1").

HISTORY

The **isspace()** function first appeared in Version 7 AT&T UNIX.