

**NAME**

**isblank**, **isblank\_l** - space or tab character test

**LIBRARY**

Standard C Library (libc, -lc)

**SYNOPSIS**

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

*int*

```
isblank(int c);
```

*int*

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

**DESCRIPTION**

The **isblank()** and **isblank\_l()** functions test for a space or tab character. For any locale, this includes the following standard characters:

```
"\t"      " "
```

In the "C" locale, a successful **isblank()** or **isblank\_l()** test is limited to these characters only. The value of the argument must be representable as an *unsigned char* or the value of EOF.

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

**RETURN VALUES**

The **isblank()** and **isblank\_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 **iswblank()** or **iswblank\_l()** function should be used instead.

**SEE ALSO**

ctype(3), ctype\_l(3), iswblank(3), iswblank\_l(3), xlocale(3), ascii(7)

**STANDARDS**

The **isblank()** function conforms to ISO/IEC 9899:1999 ("ISO C99"). The **isblank\_l()** function conforms to IEEE Std 1003.1-2008 ("POSIX.1").