

NAME

curses_version, **use_extended_names** – miscellaneous *ncurses* extensions

SYNOPSIS

```
#include <curses.h>
```

```
const char * curses_version(void);
```

```
int use_extended_names(bool bf);
```

DESCRIPTION

These *ncurses* extensions to the *curses* library do not fit easily into other functional categories.

curses_version

curses_version returns a pointer to a string containing the library's name and version number, including its patch level, for example "ncurses 6.5.20240720".

use_extended_names

use_extended_names configures whether the library recognizes user-defined or nonstandard *terminfo* capability names that may be compiled into terminal type descriptions via the **curs_terminfo**(3X) or **curs_termcap**(3X) interfaces. Normally these names are available for use, since the essential decision is made through use of **tic**(1)'s **-x** option to include such extensions in terminal type descriptions. **use_extended_names(FALSE)** prevents *ncurses* from recognizing these capabilities to ensure compatibility with other implementations of *curses*.

RETURN VALUE

curses_version returns a constant string.

use_extended_names returns the previous state of extended capability name recognition, allowing you to save this property and restore it.

NOTES

The pointer returned by **curses_version** corresponds to statically allocated memory; do not attempt to *free*(3) it.

EXTENSIONS

These functions are *ncurses* extensions, and are not found in SVr4 *curses*, 4.4BSD *curses*, or any other previous *curses* implementation.

PORTABILITY

Applications employing *ncurses* extensions should condition their use on the visibility of the **NCURSES_VERSION** preprocessor macro.

NetBSD 9 added a *curses_version* function that intentionally returns a string devoid of version information.

AUTHORS

Thomas Dickey

SEE ALSO

ncurses offers several other extensions to the X/Open Curses API.

curs_getch(3X), **curs_inopts**(3X), **curs_mouse**(3X), **curs_print**(3X), **curs_util**(3X), **default_colors**(3X), **define_key**(3X), **keybound**(3X), **keyok**(3X), **new_pair**(3X), **resizeterm**(3X), **wresize**(3X)