

tgetnum()

The `tgetnum()` function retrieves the value of a Numeric Capability from a terminal description loaded with `tgetent()`. It's defined in the `"termcap.h"` system header.

Numeric Capabilities describe properties like:

- Number of columns ("co")
- Number of lines ("li")
- Padding times, etc.

```
#include <termcap.h>
```

```
// "id" two character string that identifies the capability  
int tgetnum(const char *id);
```

Returns a positive number (≥ 0) referring to the value of the Numeric Capability.

If the capability is not present in the terminal description, returns -1.

Example Usage

```
/* includes... */
int main(void)
{
    char term_buffer[2048];
    char *termtype;
    int columns;
    int lines;

    termtype = getenv("TERM");
    if (!termtype || tgetent(term_buffer, termtype) != 1)
    {
        fprintf(stderr, "Failed to load terminal type.\n");
        return (1);
    }
    columns = tgetnum("co");
    lines = tgetnum("li");
    if (columns != -1 && lines != -1)
        printf("Terminal size: %d columns × %d lines\n", columns, lines);
    else
        printf("Terminal size capabilities not found.\n");
    return (0);
}
```