tgoto()

The `tgoto()` function expands a cursor-addressing capability string by inserting actual row and column values into it.

The resulting string is ready to be printed to move the cursor to a specific position.

Cursor Motion (cm) is an example of a cursor-addressing capability.

It's typically used alongside:

- `tgetstr("cm", ...)` to get the Cursor Motion capability
- `tputs()` to output the expanded sequence

It's included in the "termcap.h" system header.

```
#include <termcap.h>

// "cap" string capability that accepts parameters
// "col" x-axis, horizontal position
// "row" y-axis, vertical position
char *tgoto(const char *cap, int col, int row);
```

Returns a static string containing the formatted Control Sequence with parameters substituted. This string should then be printed using "tputs()" to respect padding and delays.

Example Usage

```
/* includes... */
int main(void)
{
   char term_buffer[2048];
   char *termtype;
   char *area;
   char *ap;
   char *cm;
   char *move;

      termtype = getenv("TERM");
   if (!termtype || tgetent(term_buffer, termtype) != 1)
   {
      fprintf(stderr, "Could not load terminal type.\n");
      return (1);
   }
      area = malloc(1024);
   ap = area;
   // get cursor motion capability
      cm = tgetstr("cm", &ap);
   if (cm)
   {  // move to column 10, row 5
      move = tgoto(cm, 10, 5);
      tputs(move, 1, putchar);
   }
   free(area);
   return (0);
}
```