tgetflag()

> **?** Using "tgetflag()" without calling "tgetent()" first results in undefined behavior.

The `tgetflag()` function checks for the presence of a Boolean Capability in a terminal descriptor loaded with "tgetent()". It's defined in the "termcap.h" system header.

Boolean Capabilities are "on/off" terminal features. For example, whether the terminal automatically wraps lines or supports a visible bell.

```
#include <termcap.h>

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

The "id" parameter could have values like, but not limited to:

- "am" has automatic (right) margin
- "bs" allows moving cursor left with backspace
- "bw" cursor wraps to beginning of previous line
- "hc" the terminal is hardcopy (non-interactive)
- "in" insert mode works

Returns 1 if the Boolean Capability is present (true).

Returns 0 if the Boolean Capability is not present (false).

Example Usage

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

      termtype = getenv("TERM");
   if (tgetent(term_buffer, termtype) != 1)
   {
      fprintf(stderr, "Could not load terminal type.\n");
      return (1);
   }
   if (tgetflag("am"))
      printf("Terminal supports automatic margins (wraps lines).\n");
   else
      printf("Terminal does NOT support automatic margins.\n");
   return (0);
}
```