

NAME

atof, atoi, atol — convert ASCII to numbers

SYNOPSIS

double atof (nptr)

char *nptr;

atoi (nptr)

char *nptr;

long atol (nptr)

char *nptr;

DESCRIPTION

These functions convert a string pointed to by *nptr* to floating, integer, and long integer representation respectively. The first unrecognized character ends the string.

Atof recognizes an optional string of tabs and spaces, then an optional sign, then a string of digits optionally containing a decimal point, then an optional e or E followed by an optionally signed integer.

Atoi and *atol* recognize an optional string of tabs and spaces, then an optional sign, then a string of digits.

SEE ALSO

scanf(3S)

BUGS

There are no provisions for overflow.