DATE(I)   **DATE(I)**

NAME
date — print and set the date

SYNOPSIS
date [mmddhhmm[yy]] [+format]

DESCRIPTION
If no argument is given, or if the argument begins with " + ", the current date and time are printed. Otherwise, the current date is set. The first *mm* is the month number; *dd* is the day number in the month; *hh* is the hour number (24 hour system); the second *mm* is the minute number; *yy* is the last 2 digits of the year number and is optional. For example:

date 10080045

sets the date to Oct 8, 12:45 AM. The current year is the default if no year is mentioned. The system operates in GMT. *Date* takes care of the conversion to and from local standard and daylight time.

If the argument begins with " +," the output of *date* is under the control of the user. The format for the output is similar to that of the first argument to *printf(III)*. All output fields are of fixed size (zero padded if necessary). Each field descriptor is preceded by "%" and will be replaced in the output by its corresponding value. A single "%" is encoded by "%%". All other characters are copied to the output without change. The string is always terminated with a newline character.

Field Descriptors:

    n   insert a newline character
    t   insert a tab character
    m   month of year — 01 to 12
    d   day of month — 01 to 31
    y   last 2 digits of year — 00 to 99
    H   hour — 00 to 23
    M   minute — 00 to 59
    S   second — 00 to 59
    j   julian date — 001 to 366
    w   day of week — Sunday = 0
    a   abbreviated weekday — Sun to Sat
    h   abbreviated month — Jan to Dec
    r   time in AM / PM notation

For Example: **date ""+DATE: %m/%d/%y%nTIME: %H:%M:%S""**

would generate as output:

DATE: 08/01/76
TIME: 14:45:05

DIAGNOSTICS
"No permission" if you aren't the super-user and you try to change the date; "bad conversion" if the date set is syntactically incorrect; "invalid option" if the field descriptor is not recognizable.

FILES
/dev/kmem