

NAME

m_samptim, m_tcalc, m_time -- time measurement routines

SYNOPSIS

m_samptim(interval)

m_tcalc(timlowword)

m_time()

DESCRIPTION

m_samptim -- determine if it is time for a measurement sample. Returns true if, roughly, the interval time has passed since the last call.

m_tcalc -- calculate how much time has passed since a time with a given low word; this may seem strange, but it is used to calculate the delay time for alarms. The alarm distributor has the low word of the logging time of a message and it must be known how long it has been since the message has been logged.

Portability Note: By necessity, this routine must assume that time arrives as a long, the second integer of which is the low word. On 32 bit machines, the input from the alarm distributor will probably be different and the whole routine will have to be reworked.

m_time -- compute time since last call as an unsigned integer used in the measurement macros.

Portability Note: The conversion from long to unsigned may vary from machine to machine.

LIBRARY

/lib/lib1.a

SEE ALSO

time(2)