

NMEAsync

NMEAsync is a 32 bits console application that uses the data supplied by a GPS receiver to synchronize the date and time of a PC running Windows.

The GPS receiver must generate NMEA sentences, and be connected to the PC using a serial cable.

NMEAsync uses the "\$GPRMC" NMEA sentence to obtain the current date and time.

Usage is :

NMEAsync [/port=] [/mindiff=] [/maxdiff=] [/settime] [/leapseconds=]

/port= COM1, COM2, ..., COMn /baudrate=n serial port baudrate /mindiff=n do not set time if difference is less than n seconds /maxdiff=n do not set time if difference is more than n seconds /leapseconds=n add n seconds to the time supplied in NMEA message (for buggy GPS's) /settime actually set the time

The defaults values are /port=COM1 /baudrate=4800 /mindiff=2 /maxdiff=300. The system time will NOT be changed if /settime is not specified.

NMEAsync returns an errorlevel 0 if everything went OK, and a positive value otherwise.

NMEAsync is freeware.

[Download NMEAsync 2.3.zip](#) (+ 25 Kb - July 29, 2003)

[NMEAsync.xml](#)

Help, comments and suggestions are welcome: write to Christophe DAVID .