
Subject: Re: Serial.cpp for 64bit
Posted by [nlneilson](#) on Tue, 28 Aug 2012 19:51:35 GMT
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As previously mentioned:
<http://www.nlneilson.com/apps/GPS4.zip>

COMcheck1.exe dated 2008
This works on WinXP and Win7 32bit and 64bit.
It checks the ports that can be opened and then the baud rate.
It then parses the GPGGA NMEA sentence and prints it out.

Checking COM: 1 2 3 4 5 6 7 8 9 10 11 COM 11: opened
12 COM 12: opened
13 14 15 16 17 18 19 20

COM 11: check baud rate

COM 12: check baud rate

COM 11 at 57600
\$GPGGA,223705.631,3412.7486,N,11911.6111,W,1,06,1.0,-24.5,M,-33.8,M,0.0,0000*5E
Lat 34.21248 Lon -119.19352 Alt 30ft GPS fix, # of Sat. 6

COM 12 at 57600
\$GPGGA,223706.395,3412.7444,N,11911.6102,W,1,06,2.6,-14.3,M,-33.8,M,0.0,0000*5A
Lat 34.21241 Lon -119.19350 Alt 63ft GPS fix, # of Sat. 6

11.408 sec
N.L. Neilson (c)

It will check as many GPS receivers that are plugged in.

This may have been made with M\$VC as the code in the GPS4 folder is from 2010 and doesn't seem to relate to the COMcheck1.exe

From the Serial.cpp from Jerson and nixnixnix this fails in Win7 but works OK with WinXP
if(!SetCommState(m_hIDComDev, &dcb) ||
!SetupComm(m_hIDComDev, 10000, 10000) ||

If someone works on a project for bazaar I would be glad to help with parsing or whatever.

edit: fixed link for GPS4.zip