```
/* ------------------------------------------------------------------ --
--                                                                    --
--                    PC serial port connection object               --
--                         for non-event-driven programs             --
--                                                                    --
--                                                                    --
--                                                                    --
--  Copyright @ 2001          Thierry Schneider                       --
--                            thierry@tetraedre.com                   --
--                                                                    --
--                                                                    --
--                                                                    --
-- ------------------------------------------------------------------ --
--                                                                    --
--  Filename : sertest2.cpp                                           --
--  Author   : Thierry Schneider                                      --
--  Created  : April 4th 2000                                         --
--  Modified : April 8th 2001                                         --
--  Plateform: Windows 95, 98, NT, 2000 (Win32)                       --
-- ------------------------------------------------------------------ --
--                                                                    --
--  This software is given without any warranty. It can be distributed --
--  free of charge as long as this header remains, unchanged.         --
--                                                                    --
-- ------------------------------------------------------------------ */




/* ------------------------------------------------------------------- */
#ifndef TSERIAL_H
#define TSERIAL_H

#include <stdio.h>
#include <windows.h>


enum serial_parity  { spNONE,     spODD, spEVEN };


/* ------------------------------------------------------------------- */
/* --------------------------- Tserial  ----------------------------- */
/* ------------------------------------------------------------------- */
class Tserial
{
    // ------------------------------------------------------- //
protected:
    char            port[10];                       // port name "com1",...
    int             rate;                           // baudrate
    serial_parity   parityMode;
    HANDLE          serial_handle;                  // ...

    // +++++++++++++++++++++++++++++++++++++++++++++++
    // .................. EXTERNAL VIEW .............
    // +++++++++++++++++++++++++++++++++++++++++++++++
public:
                    Tserial();
                    ~Tserial();
    int             connect             (char *port_arg, int rate_arg,
                                         serial_parity parity_arg);
    void            sendChar            (char c);
    void            sendArray           (char *buffer, int len);
    char            getChar             (void);
    int             getArray            (char *buffer, int len);
    int             getNbrOfBytes       (void);
    void            disconnect          (void);
```

```
    int                             getString       (char *buffer, int len); //ad
ded by David Hodgdon
};
/* ------------------------------------------------------------------- */

#endif TSERIAL_H
```