TCommunication

-serPortName: char
-comHandle: HANDLE
-structDCB: DCB
-serBaudRate: int
-serParity: int
-serStopBit: int
-serDataBits: int
-serReadIntervalTimeout: int
-serReadTotalTimeoutMultiplier: int
-serReadTotalTimeoutConstant: int
-serWriteTotalTimeoutMultiplier: int
-serWriteTotalTimeoutConstant: int
-bufferToWrite: std::string
-bufferToRead: std::string
-bytesToWrite: int
-bytesWritten: DWORD
-bytesToRead: int
-bytesReaded: DWORD
-ovl: OVERLAPPED
-timeouts: COMMTIMEOUTS
-settWriterep: int
-settReadrep: int
-serModemStatus: DWORD
+global_buffer: std::string

-CheckBaudRate(iBaudRate: int): int
-CheckParity(iParity: int): int
-CheckStopBit(iStopBit: int): int
-CheckDataBits(iDataBits: int): int
-CheckReadIntervalTimeout(iReadIntervalTimeout: int): int
-CheckReadTotalTimeoutMultiplier(iReadTotalTimeoutMultiplier: int): int
-CheckReadTotalTimeoutConstant(iReadTotalTimeoutConstant: int): int
-CheckWriteTotalTimeoutMultiplier(iWriteTotalTimeoutMultiplier: int): int
-CheckWriteTotalTimeoutConstant(iWriteTotalTimeoutConstant: int): int
-CheckWriterep(iWriterep: int): int
-CheckReadrep(iReadrep: int): int
<<create>>-TCommunication(: void)
<<destroy>>-TCommunication(: void)
+OpenPort(iserPortName: char): int
+ClosePort(: void): bool
+ClearBuffers(: void): bool
+UpdateSerialSettings(: void): bool
+setBaudRate(iserBaudRate: int): void
+getBaudRate(: void): int
+setParity(iserParity: int): void
+getParity(: void): int
+setStopBit(iserStopBit: int): void
+getStopBit(: void): int
+setDataBits(iserDataBits: int): void
+getDataBits(: void): int
+setReadIntervalTimeout(iserReadIntervalTimeout: int): void
+getReadIntervalTimeout(: void): int
+setReadTotalTimeoutMultiplier(iserReadTotalTimeoutMultiplier: int): void
+getReadTotalTimeoutMultiplier(: void): int
+setReadTotalTimeoutConstant(iserReadTotalTimeoutConstant: int): void
+getReadTotalTimeoutConstant(: void): int
+setWriteTotalTimeoutMultiplier(iserWriteTotalTimeoutMultiplier: int): void
+getWriteTotalTimeoutMultiplier(: void): int
+setWriteTotalTimeoutConstant(iserWriteTotalTimeoutConstant: int): void
+getWriteTotalTimeoutConstant(: void): int
+setbufferToWrite(ibufferToWrite: std::string): void
+getbufferToWrite(: void): std::string
+setbufferToRead(ibufferToRead: std::string): void
+getbufferToRead(: void): std::string
+setbytesToWrite(ibytesToWrite: int): void
+getbytesToWrite(: void): int
+setbytesWritten(ibytesWritten: int): void
+getbytesWritten(: void): int
+setbytesToRead(ibytesToRead: int): void
+getbytesToRead(: void): int
+setbytesReaded(ibytesReaded: int): void
+getbytesReaded(: void): int
+setPortName(iserPortName: char): void
+getPortName(iserPortName: char, count: int): void
+setPortHandle(icomHandle: HANDLE): void
+getPortHandle(: void): HANDLE
+sendBuffer(buffer: char, count: int): int
+readBuffer(: void): int
+setsettableWriteRepetition(isettWriterep: int): void
+setsettableReadRepetition(isettReadrep: int): void
+getsettableReadRepetition(: void): int

```
+getsettableWriteRepetition(: void): int
+getCTSStatus(: void): bool
+getDSRStatus(: void): bool
+getRINGStatus(: void): bool
+getRLSDStatus(: void): bool
+CheckModemStatus(: void): int
```

+getsettableWriteRepetition(: void): int
+getCTSStatus(: void): bool
+getDSRStatus(: void): bool
+getRINGStatus(: void): bool
+getRLSDStatus(: void): bool
+CheckModemStatus(: void): int
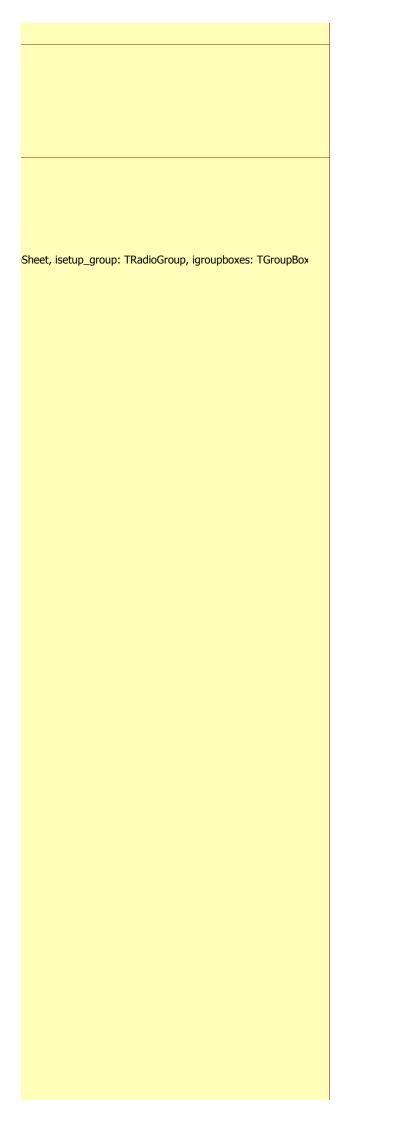
<<enumeration>>
comm_error

+e_noerror
+e_noserialdevice
+e_closing
+e_clearing
+e_updatesettings
+e_initsettings
+e_writefailed
+e_writebytes
+e_readfailed
+e_nothingtoread
+e_readbytes
+e_chekcstatus
+e_writecount_msgtodev
+e_settimeout
+e_checksum

TTLSDevice
-dlg: TGenDlgW -comm: TCommunication -ini: THandleIni -cmds: command_strings -cmd_str_list: TStringList -cmd_id_arr: int -cancel_from_dialog: bool -first_time_run: bool
-check_checksum(str: AnsiString): bool -show_line_status(m: TMemo): void -set_current_unit_and_lang(str: AnsiString, u: TComboBox, l: TComboBox): void -set_current_dispfrmt(str: AnsiString, f: TComboBox): void -set_current_datetime(str: AnsiString, d: TDateTimePicker, t: TDateTimePicker): void -showSetSystemTypeLanguageFlagsDlg(cmd_type: char, page_idx: int, group_idx: int, item_idx: int, m: TMemo): int -showSetSystemDateTimeDisplayFormatDlg(cmd_type: char, page_idx: int, group_idx: int, item_idx: int, m: TMemo): int -showSetTimeofday(cmd_type: char, page_idx: int, group_idx: int, item_idx: int, m: TMemo): int -init_command_string_list_and_id_array(: void): void -init_command_strings(: void): void -read_comm_buffer_and_show_if_error(res: int, m: TMemo): void -create_command_id(page_idx: int, group_idx: int, item_idx: int): int <<create>>-TTLSDevice(: void) <<create>>-TTLSDevice(portname: char) <<destroy>>-TTLSDevice(: void) +get(page_idx: int, group_idx: int, item_idx: int, disp: TMemo, cmd_type: char): void +set(page_idx: int, group_idx: int, item_idx: int, disp: TMemo, cmd_type: char): void +setPortProperties(baud: int, parity: int, stopbit: int, bytesize: int, rint: int, rmulti: int, rconst: int, wmulti: int, wconst: int, wrep: int, rrep: int): void

THandleIni

-language: AnsiString
-filename: AnsiString
-form: TForm
-main_menu: TMenuItem
-tool_button_hints: TToolButton
-pages: TTabSheet
-setup_group: TRadioGroup
-groupboxes: TGroupBox

-load_main_caption(sec_str: AnsiString, i: TIniFile): AnsiString
-load_main_menu_strings(sec_str: AnsiString, i: TIniFile): void
-load_tool_button_hints(sec_str: AnsiString, i: TIniFile): void
-load_pages_caption(sec_str: AnsiString, i: TIniFile): void
-load_radiogroup_captions(sec_str: AnsiString, i: TIniFile, rg: TRadioGroup): void
-load_group_captions(sec_str: AnsiString, i: TIniFile): void
-load_report_caption(sec_str: AnsiString, i: TIniFile): AnsiString
<<create>>-THandleIni(ilanguage: AnsiString, ifilename: AnsiString, iform: TForm, imain_menu: TMenuItem, itool_button_hints: TToolButton, ipages: TTab
<<create>>-THandleIni(ilanguage: AnsiString, ifilename: AnsiString, iform: TForm)
<<create>>-THandleIni(ilanguage: AnsiString, ifilename: AnsiString)
<<create>>-THandleIni(ifilename: AnsiString)
<<destroy>>-THandleIni(: void)
+setFormPointer(iform: TForm): void
+getFormPointer(: void): TForm
+LoadLanguage(): void
+LoadReportLanguage(: void): void
+SetupSubcategories(inumber: int, lb: TListBox): void
+StringListLoading(l: TStringList, section: AnsiString, cnt: int): void
+getLanguageString(: void): AnsiString
+setMainWindowState(istate: int): void
+getMainWindowState(: void): int
+setMainWindowWidth(imainwidth: int): void
+getMainWindowWidth(: void): int
+setMainWindowHeight(imainheight: int): void
+getMainWindowHeight(: void): int
+setMainWindowLeft(imainleft: int): void
+getMainWindowLeft(: void): int
+setMainWindowTop(imaintop: int): void
+getMainWindowTop(: void): int
+setMainToolbarVisibility(ivisible: int): void
+getMainToolbarVisibility(: void): int
+setSaveSettingsFlag(isaveflag: int): void
+getSaveSettingsFlag(: void): int
+setDisplayReportWindowOnStartUp(idispreport: int): void
+getDisplayReportWindowOnStartUp(: void): int
+setReportWindowWidth(ireportwidth: int): void
+getReportWindowWidth(: void): int
+setReportWindowHeight(ireportheight: int): void
+getReportWindowHeight(: void): int
+setReportWindowLeft(ireportleft: int): void
+getReportWindowLeft(: void): int
+setReportWindowTop(ireporttop: int): void
+getReportWindowTop(: void): int
+setReportWindowBackgroundColor(ireportbkgcolor: unsigned int): void
+getReportWindowBackgroundColor(: void): unsigned int
+setReportWindowFontColor(ireportfontcolor: unsigned int): void
+getReportWindowFontColor(: void): unsigned int
+setUsedLanguage(iusedlang: AnsiString): void
+getUsedLanguage(: void): AnsiString
+setLanguageDirectory(ilangdirectory: AnsiString): void
+getLanguageDirectory(: void): AnsiString
+setUsedPortName(iportname: AnsiString): void
+getUsedPortName(: void): AnsiString
+setUsedBaudRate(ibaudrate: int): void
+getUsedBaudRate(: void): int
+setUsedParity(iparity: int): void
+getUsedParity(: void): int
+setUsedStopbit(istopbit: int): void
+getUsedStopbit(: void): int
+setUsedByteSize(ibytesize: int): void
+getUsedByteSize(: void): int
+setUsedReadIntervalTimeout(ireadint: int): void
+getUsedReadIntervalTimeout(: void): int
+setUsedReadMultiplyTimeout(ireadmulti: int): void
+getUsedReadMultiplyTimeout(: void): int
+setUsedReadConstantTimeout(ireadconst: int): void
+getUsedReadConstantTimeout(: void): int
+setUsedWriteMultiplyTimeout(iwritemulti: int): void
+getUsedWriteMultiplyTimeout(: void): int
+setUsedWriteConstantTimeout(iwriteconst: int): void
+getUsedWriteConstantTimeout(: void): int
+setUsedWriteRepetition(iwriterep: int): void

Sheet, isetup_group: TRadioGroup, igroupboxes: TGroupBox

+getUsedWriteRepetition(: void): int
+setUsedReadRepetition(ireadrep: int): void
+getUsedReadRepetition(: void): int

TGenDlgW

-OKBtn: TButton
-CancelBtn: TButton
-Bevel1: TBevel

<<create>>-TGenDlgW(AOwner: TComponent)

TGenDlgW

-OKBtn: TButton
-CancelBtn: TButton
-Bevel1: TBevel

<<create>>-TGenDlgW(AOwner: TComponent)

TReportsW

-setupanswer_m: TMemo
-ini: THandleIni

-setupanswer_mChange(Sender: TObject): void
+LoadLanguage(ireports: TForm): void
<<create>>-TReportsW(AOwner: TComponent)

TPortOptionsW

-OKBtn: TButton
-CancelBtn: TButton
-portname_l: TLabel
-baudrate_l: TLabel
-parity_l: TLabel
-stopbit_l: TLabel
-bytesize_l: TLabel
-baudrate_cb: TComboBox
-parity_cb: TComboBox
-stopbit_cb: TComboBox
-bytesize_cb: TComboBox
-timeouts_gb: TGroupBox
-readint_l: TLabel
-readmulti_l: TLabel
-readconst_l: TLabel
-writemulti_l: TLabel
-writeconst_l: TLabel
-writerep_l: TLabel
-readrep_l: TLabel
-readint_e: TEdit
-readmulti_e: TEdit
-readconst_e: TEdit
-writemulti_e: TEdit
-writeconst_e: TEdit
-writerep_e: TEdit
-readrep_e: TEdit
-readint_ud: TUpDown
-readmulti_ud: TUpDown
-readconst_ud: TUpDown
-writemulti_ud: TUpDown
-writeconst_ud: TUpDown
-writerep_ud: TUpDown
-readrep_ud: TUpDown
-portnames_e: TComboBox
-ini: THandleIni
+language: AnsiString
+configpath: AnsiString
+languagepath: AnsiString

-FormShow(Sender: TObject): void
-OKBtnClick(Sender: TObject): void
-LoadLanguage(: void): void
-GetAvailablePorts(: void): void
-LoadOptionValues(: void): void
-SaveOptionValues(: void): void
-Run(: void): void
-Stop(: void): void
<<create>>-TPortOptionsW(AOwner: TComponent)

TSoftwareOptionsW

-OKBtn: TButton
-CancelBtn: TButton
-mainform_gb: TGroupBox
-language_gb: TGroupBox
-saveoptions_cb: TCheckBox
-showtoolbar_cb: TCheckBox
-showreport_cb: TCheckBox
-reportcolors_gb: TGroupBox
-background_colb: TColorBox
-font_colb: TColorBox
-background_l: TLabel
-font_l: TLabel
-selectlang_l: TLabel
-languagepath_e: TEdit
-languagepath_l: TLabel
-selectsource_btn: TButton
-languages_lb: TListBox
-ini: THandleIni
+language: AnsiString
+configpath: AnsiString
+languagepath: AnsiString

-FormShow(Sender: TObject): void
-OKBtnClick(Sender: TObject): void
-selectsource_btnClick(Sender: TObject): void
-showreport_cbClick(Sender: TObject): void
-FileLanguageName(fname: AnsiString): AnsiString
-FindLanguageFiles(: void): void
-LoadLanguage(: void): void
-LoadOptionValues(: void): void
-SaveOptionValues(: void): void
-Run(Sender: TObject): void
-Stop(: void): void
<<create>>-TSoftwareOptionsW(AOwner: TComponent)