

SuperCom

Technical Library

„Delphi class TSuperCom“

SuperCom Delphi class Library

TSuperCom

TTcpServer

TSuperCom

TTcpClient

TSuperCom

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Example

Many typical samples are available e.g. *Connect*, *Connect_tcp*, *TcpSrv*, *TcpSrv2*, *Txfile*. Based on your SuperCom license you will find some or all in your SuperCom installation directory.

```
Type TMyCOM = class (TSuperCom)

  public

    Constructor Create (Com:TCommID; dwBaud:DWORD); Overload;
    Constructor Create(ConfigString:String; hWnd:THANDLE); Overload;

    Function OnComm (SComEvent:DWORD):Integer; override;
    Function OnConnect (Action:WORD; TimeLeft:DWORD):Integer; override;
    Function OnFile (Action:WORD; Data:DWORD; Var FileData:TfDATA):Integer; override;

End;

Constructor TMyCOM.Create (Com:TCommID; dwBaud:DWORD);
Begin
  Inherited Create(Com, COMTYPE_RS232, 0);
  ComSetState (dwBaud, 8, 1, 'N',SIGNAL_NONE);
End;

Constructor TMyCOM.Create (ConfigString:String; hWnd:THANDLE);
Begin
  Inherited Create(ConfigString, hWnd);
End;

Function TMyCOM.OnComm (SComEvent:DWORD):Integer;
Begin
  Result := Inherited OnComm(SComEvent); // base class
  // no need to handle any !
  If (IsSet(SComEvent,EV_RXCHAR)) Then
  Begin
  End;

  If (IsSet(SComEvent,EV_TXEMPTY)) Then
  Begin
  End;
End;

Function TMyCOM.OnConnect (Action:WORD; TimeLeft:DWORD):Integer;
Begin
  Result := Inherited OnConnect(Action, TimeLeft); // base class

  // no need to handle any !
  Case (Action) Of
  acCONNECT_INFO:
  acCONNECT_OK:
  acCONNECT_FAILED:
  :
  End;

  If ( (Action = acUSERBREAK) OR bPgmEnd ) Then // any reason to break ?
    Result := infBREAK; // Break connect
End;
```

```
Function TMyCOM.OnFile (Action:WORD; Data:DWORD; Var FileData:TFDATA):Integer;
Begin
  Result := Inherited OnFile(Action, Data, FileData); // base class

  // Handle any events !
  Case (Action) Of
    acTXING:
    acRXING:
    acQUEUEFIN:
    acRXFIN:
    acTXFIN:

    :
  End;

  If ( (Action = acUSERBREAK) OR bPgmEnd ) Then // any reason to break ?
    Result := infBREAK; // Break protocol

End;

Var ThisCOM:TMyCOM;

Begin
  StrCopy(szFileName, 'txfile.exe');

  ThisCOM := TMyCOM.Create(SET_CONFIG, 0); // hwnd=0

  ThisCOM.Connect(TRUE); // now open channel and try to connect

  If (ThisCOM.IsValid() = FALSE) Then // failed ?
    Writeln('Failed to open channel ', IntToStr(ThisCOM.GetCom()+1), ' ', SET_CONFIG, '..')
  Else // OK
    Begin
      Writeln('Starting transmitting ', szFileName);
      Write(['']);

      // blocking call to transmit file
      ThisCOM.RS_TXFile (PROTOCOL_ZMODEM, szFileName, nErrorCode);

      If (nErrorCode<>0) Then Writeln('Err=', nErrorCode);

      Writeln(']'); Writeln('done. ');
    End;

  ThisCOM.Free;

  Writeln('Press ENTER to end. '); ReadLn;

End.
```