

## CODIGO DE SERVIDOR 2

```
//-----  
  
#include <vcl.h>  
#pragma hdrstop  
  
#include "Unit1.h"  
//-----  
#pragma package(smart_init)  
#pragma link "ILLed"  
#pragma link "LPComponent"  
#pragma link "LPDrawLayers"  
#pragma link "LPTransparentControl"  
#pragma link "SLComponentCollection"  
#pragma link "ULBasicControl"  
#pragma resource "*.dfm"  
TForm1 *Form1;  
  
//---comienza lo que se debe copiar y pegar en nuestro programa---  
  
//#include <winsock2.h> Sino da error  
  
String GetCurrentIP()  
{  
    WSADATA Wsa;  
    char name[255];  
    AnsiString ip;  
    PHOSTENT hostinfo;  
  
    if(WSAStartup(MAKEWORD(2,2),&Wsa) == 0 )  
        {  
            if(gethostname ( name, sizeof(name)) == 0)  
                {  
                    if((hostinfo = gethostbyname(name)) != NULL)  
                        {  
                            ip = inet_ntoa (*(in_addr *)*hostinfo->h_addr_list);  
                        }  
                }  
            WSACleanup( );  
        }  
    return ip;  
}  
  
//---termina lo que se debe copiar y pegar en nuestro programa---  
  
//-----  
__fastcall TForm1::TForm1(TComponent* Owner)  
    : TForm(Owner)  
{  
}  
//-----  
  
void __fastcall TForm1::ServerSocket1ClientConnect(TObject *Sender,
```

```

    TCustomWinSocket *Socket)
{
    mMensajes->Lines->Add("Se ha conectado" + Socket->RemoteAddress);
}
//-----

void __fastcall TForm1::ServerSocket1ClientDisconnect(TObject *Sender,
    TCustomWinSocket *Socket)
{
    mMensajes->Lines->Add("Se ha desconectado" + Socket->RemoteAddress);
}
//-----

void __fastcall TForm1::ServerSocket1ClientRead(TObject *Sender,
    TCustomWinSocket *Socket)
{
    mMensajes->Lines->Add(Socket->RemoteHost + ":" + Socket->ReceiveText());
}
//-----

void __fastcall TForm1::Button1Click(TObject *Sender)
{
    ServerSocket1->Socket->Connections[0]->SendText(eMensaje->Text);
    mMensajes->Lines->Add(ServerSocket1->Socket->LocalHost + ":" + eMensaje->Text);
    eMensaje->Clear();
}
//-----

void __fastcall TForm1::Button2Click(TObject *Sender)
{
    ServerSocket1->Port=StrToInt(Edit1->Text);
    ServerSocket1->Active=True;
    ILed1->Value=true;// ENCIENDE LED
}
//-----

void __fastcall TForm1::FormCreate(TObject *Sender)
{
    Label3->Caption = GetCurrentIP();
}
//-----

void __fastcall TForm1::Button3Click(TObject *Sender)
{
    ServerSocket1->Port=StrToInt(Edit1->Text);
    ServerSocket1->Active=False;
    ILed1->Value=false;// APAGA LED
}
//-----

```