Using UDP and Winsock in Visual Basic 6 (VB6) to send a Broadcast Message

I had an application where I wanted an administrator to be able to send a broadcast message to everyone running a particular VB program on the local area network (LAN).

I've done a lot of VB programming in the past and a fair amount of TCP Winsock programming, but this was new to me and quite frankly took me way too long to figure out.

Here's how I did it:

Create one VB Project, on the form place two items: a textbox and a winsock control
This is the "receiving" application.

On the form place this code:

```
Option Explicit

Private Sub Form_Load()
    Winsock1.Close
    Winsock1.Protocol = sckUDPProtocol
    Winsock1.Bind 420
End Sub

Private Sub Winsock1_DataArrival(ByVal bytesTotal As Long)
    Dim str As String
    Winsock1.GetData str, vbString
    Me.Text1.Text = str
End Sub

Private Sub Form_Unload(Cancel As Integer)
    Winsock1.Close
End Sub
```

Create one VB Project, on the form place two items: a textbox, a command button, and a winsock control
This is the "sending" application.

On the form place this code:

```
Option Explicit

Private Sub Command1_Click()
```

```
        Winsock1.Close
        Winsock1.Protocol = sckUDPProtocol
        Winsock1.RemoteHost = "255.255.255.255"
        Winsock1.RemotePort = 420
        Winsock1.SendData "lvmsg" & Me.Text1.Text

    End Sub

    Private Sub Form_Load()
        Winsock1.Bind 420
    End Sub

    Private Sub Form_Unload(Cancel As Integer)
        Winsock1.Close
    End Sub
```

That's about it. Just put whatever text you want into the text box and click on the button and it will be sent to the receiving application. Some of the details were missing on other web pages so I thought I would make it more clear here.