

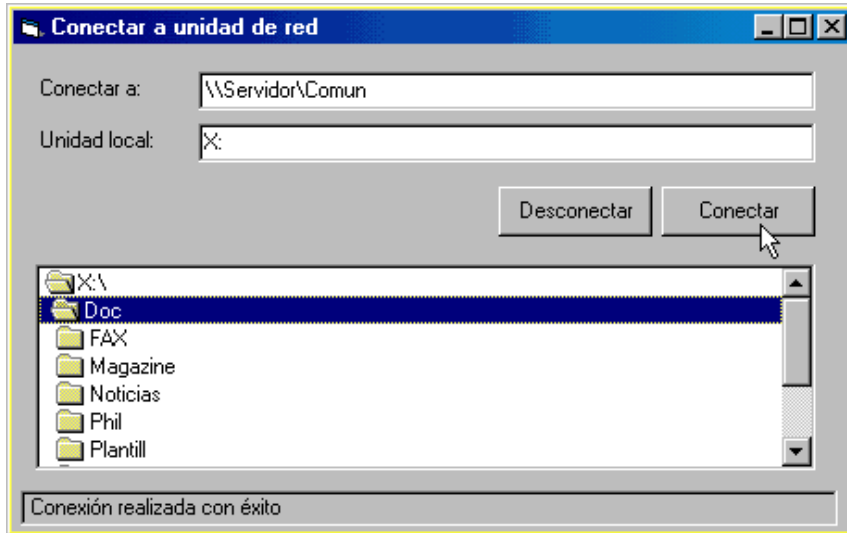


Cómo conectarse a una unidad de red

» Artículos de Programación Web | **Visual Basic**

Este es un ejemplo de cómo conectarse y desconectarse de unidades de red, usando código de Visual Basic...con ayuda del API de Windows.

Este es el aspecto del formulario en ejecución:



Prueba de conexión / desconexión a unidades de red (23/Jun/99)

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Ejemplo basado en un artículo de la Knowledge Base de Microsoft:
HOWTO: Add and Remove Network Connections
Article ID: Q173011

Option Explicit

```
Private Declare Function WNetAddConnection2 Lib "mpr.dll" Alias "WNetAddConnection2A" _  
    (IpNetResource As NETRESOURCE, ByVal IpPassword As String, _  
    ByVal IpUserName As String, ByVal dwFlags As Long) As Long
```

```
Private Declare Function WNetCancelConnection2 Lib "mpr.dll" Alias "WNetCancelConnection2A" _  
    (ByVal IpName As String, ByVal dwFlags As Long, ByVal fForce As Long) As Long
```

```
Private Type NETRESOURCE  
    dwScope As Long  
    dwType As Long  
    dwDisplayType As Long  
    dwUsage As Long  
    IpLocalName As String  
    IpRemoteName As String  
    IpComment As String  
    IpProvider As String  
End Type
```

```
Private Const NO_ERROR = 0
```

```
Private Const CONNECT_UPDATE_PROFILE = 0
```

```
Private Const CONNECT_UPDATE_PROFILE = &H1
```

```
' The following includes all the constants defined for NETRESOURCE,  
' not just the ones used in this example.
```

```
Private Const RESOURCETYPE_DISK = &H1  
Private Const RESOURCETYPE_PRINT = &H2  
Private Const RESOURCETYPE_ANY = &H0  
Private Const RESOURCE_CONNECTED = &H1  
Private Const RESOURCE_REMEMBERED = &H3  
Private Const RESOURCE_GLOBALNET = &H2  
Private Const RESOURCEDISPLAYTYPE_DOMAIN = &H1  
Private Const RESOURCEDISPLAYTYPE_GENERIC = &H0  
Private Const RESOURCEDISPLAYTYPE_SERVER = &H2  
Private Const RESOURCEDISPLAYTYPE_SHARE = &H3  
Private Const RESOURCEUSAGE_CONNECTABLE = &H1  
Private Const RESOURCEUSAGE_CONTAINER = &H2
```

```
' Error Constants:
```

```
Private Const ERROR_ACCESS_DENIED = 5&  
Private Const ERROR_ALREADY_ASSIGNED = 85&  
Private Const ERROR_BAD_DEV_TYPE = 66&  
Private Const ERROR_BAD_DEVICE = 1200&  
Private Const ERROR_BAD_NET_NAME = 67&  
Private Const ERROR_BAD_PROFILE = 1206&  
Private Const ERROR_BAD_PROVIDER = 1204&  
Private Const ERROR_BUSY = 170&  
Private Const ERROR_CANCELLED = 1223&  
Private Const ERROR_CANNOT_OPEN_PROFILE = 1205&  
Private Const ERROR_DEVICE_ALREADY_REMEMBERED = 1202&  
Private Const ERROR_EXTENDED_ERROR = 1208&  
Private Const ERROR_INVALID_PASSWORD = 86&  
Private Const ERROR_NO_NET_OR_BAD_PATH = 1203&
```

```
Private Sub cmdAdd_Click()
```

```
    Dim NetR As NETRESOURCE  
    Dim ErrInfo As Long
```

```
' Datos del usuario y password  
    Dim MyPass As String, MyUser As String  
    Dim sPath As String
```

```
    sPath = CurDir$
```

```
    NetR.dwScope = RESOURCE_GLOBALNET  
    NetR.dwType = RESOURCETYPE_DISK  
    NetR.dwDisplayType = RESOURCEDISPLAYTYPE_SHARE  
    NetR.dwUsage = RESOURCEUSAGE_CONNECTABLE  
    NetR.lpLocalName = txtLocal ' If undefined, Connect with no device  
    NetR.lpRemoteName = txtNet ' Your valid share  
    NetR.lpComment = "Optional Comment"  
    NetR.lpProvider = ' Leave this undefined
```

```
' If the UserName and Password arguments are NULL, the user context  
' for the process provides the default user name.
```

```
    ErrInfo = WNetAddConnection2(NetR, MyPass, MyUser, CONNECT_UPDATE_PROFILE)
```

```
    If ErrInfo = NO_ERROR Then
```

```
        lblStatus = " Conexión realizada con éxito"
```

```
        sPath = txtLocal
```

```
    Else
```

```
        lblStatus = " ERROR al intentar realizar la conexión"
```

```
        MsgBox "ERROR: " & ErrInfo & " - Net Connection Failed!", vbExclamation, "Share not Connected"
```

```
    End If
```

```
' Rellenar el DirBox
```

```
    Dir1.Path = sPath
```

```
End Sub
```

```
Private Sub cmdCancel_Click()
```

```

Private Sub Disconnect_Share()
    Dim ErrInfo As Long
    Dim strLocalName As String

    ' You may specify either the lpRemoteName or lpLocalName
    'strLocalName = "\\ServerName\ShareName"
    strLocalName = txtLocal
    ErrInfo = WNetCancelConnection2(strLocalName, CONNECT_UPDATE_PROFILE, False)
    If ErrInfo = NO_ERROR Then
        lblStatus = "Desconectado de la unidad " & strLocalName & " satisfactoriamente"
    Else
        lblStatus = "ERROR al desconectar la unidad " & strLocalName
        MsgBox "ERROR: " & ErrInfo & " - Net Disconnection Failed!", vbExclamation, "Share not Disconnected"
    End If

    Dir1.Path = CurDir$
End Sub

```

.....

Informe (**Visual Basic**) de **El Guille**
 Webmaster de <http://guille.costasol.net/>