

(ListBox)

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(Array) (ListBox) -1

(Load)

:-

```
Private Sub Form_Load()  
    Dim Fruit() As Variant  
    Dim i As Integer  
  
    Fruit = Array("Apple", "Orange", "Banana", "Grape")  
    For i = 0 To UBound(Fruit)  
        List1.AddItem Fruit(i)  
    Next i  
End Sub
```

(ListBox) (Horizontal Scroll Bar) -2

(General) (API) (SendMessageByNum()) .1

:-

```
Private Declare Function SendMessageByNum Lib "user32" Alias _  
"SendMessageA" (ByVal hwnd As Long, ByVal wParam As Long, ByVal _  
wParam As Long, ByVal lParam As Long) As Long
```

```
Const LB_SETHORIZONTALTEXT = &H194
```

:- (Load) .2

```
Private Sub Form_Load()  
    Static x As Long  
    If x < TextWidth(List1.List(0) & " ") Then  
        x = TextWidth(List1.List(0) & " ")  
        If ScaleMode = vbTwips Then x = x / Screen.TwipsPerPixelX  
        SendMessageByNum List1.hwnd, LB_SETHORIZONTALTEXT, x, 0  
    End If  
End Sub
```

:

(ListBox)

-3

-: (ToolTipText)

-: (PAI) (SendMessage ()) (Module) .1

Declare Function SendMessage Lib "user32" Alias "SendMessageA" (ByVal hwnd _
As Long, ByVal wParam As Long, ByVal lParam As Any) As Long

Public Const LB_ITEMFROMPOINT = &H1A9

-: (MouseMove) .2

```
Private Sub List1_MouseMove(Button As Integer, Shift As Integer, _
X As Single, Y As Single)
    Dim lXPoint As Long
    Dim lYPoint As Long
    Dim lIndex As Long
    If Button = 0 Then
        lXPoint = CLng(X / Screen.TwipsPerPixelX)
        lYPoint = CLng(Y / Screen.TwipsPerPixelY)
        With List1
            lIndex = SendMessage(.hwnd, LB_ITEMFROMPOINT, 0, ByVal _
                ((lYPoint * 65536) + lXPoint))
            If (lIndex >= 0) And (lIndex <= .ListCount) Then
                .ToolTipText = .List(lIndex)
            Else
                .ToolTipText = ""
            End If
        End With
    End If
End Sub
```

(ListBox)

-4

(False) (Visible)

-:

-: (MouseDown) .1

```

Private Sub List1_MouseDown(Button As Integer, Shift As Integer, _
X As Single, Y As Single)
    If List1.ListCount = 0 Then Exit Sub
    Text1.Text = List1.Text
    Text1.Top = Y + List1.Top
    Text1.Left = X + List1.Left
    Text1.Drag
End Sub

```

-: (MouseDown) .2

```

Private Sub List2_MouseDown(Button As Integer, Shift As Integer, _
X As Single, Y As Single)
    If List2.ListCount = 0 Then Exit Sub
    Text1.Text = List2.Text
    Text1.Top = Y + List2.Top
    Text1.Left = X + List2.Left
    Text1.Drag
End Sub

```

-: (DragDrop) .3

```

Private Sub List1_DragDrop(Source As Control, X As Single, Y As _
Single)
    For i = 0 To List1.ListCount - 1
        If List1.List(i) = Text1 Then Exit Sub
    Next
    List1.AddItem Text1.Text
    List2.RemoveItem (List2.ListIndex)
End Sub

```

-: (DragDrop) .4

```

Private Sub List2_DragDrop(Source As Control, X As Single, Y As _
Single)
    For i = 0 To List2.ListCount - 1
        If List2.List(i) = Text1 Then Exit Sub
    Next
    List2.AddItem Text1.Text
    List1.RemoveItem (List1.ListIndex)
End Sub

```

(ListBox) -5

-: (General) (API) (SendMessage ()) .1

```
Private Declare Function SendMessage Lib "user32" Alias _
"SendMessageA" (ByVal hwnd As Long, ByVal wParam As _
Long, ByVal lParam As Long, lParam As Any) As Long
```

```
Const LB_ITEMFROMPOINT = &H1A9
```

```
-.: (MouseMove) .2
```

```
Private Sub List1_MouseMove(Button As Integer, Shift As Integer, _
X As Single, Y As Single)
```

```
Dim P&, LX&, LY&, Param&
LX = List1.Parent.ScaleX(X, List1.Parent.ScaleMode, vbPixels)
LY = List1.Parent.ScaleY(Y, List1.Parent.ScaleMode, vbPixels)
Param = CLng(LX) + &H10000 * CLng(LY)
P = SendMessage(List1.hwnd, LB_ITEMFROMPOINT, 0, ByVal Param)
If P < List1.ListCount Then List1.ListIndex = P
```

```
End Sub
```

```
(TextBox) (ListBox) -6
```

```
-.: (API) (SendMessage()) (Module) .1
```

```
Declare Function SendMessage Lib "user32" Alias _
"SendMessageA" (ByVal hwnd As _
Long, ByVal wParam As Long, ByVal lParam As Integer, _
ByVal lParam As Any) As Long
```

```
Public Const LB_FINDSTRING = &H18F
```

```
-.: (Change) .2
```

```
Private Sub Text1_Change()
List1.ListIndex = SendMessage(List1.hwnd, LB_FINDSTRING, _
-1, ByVal CStr(Text1.Text))
End Sub
```

```
(ListBox) -7
```

```
(Simple) (MultiSelect) .1
```

```
-.: (Load) .2
```

```
Private Sub Form_Load()
For X = 0 To List1.ListCount - 1
List1.Selected(X) = True
Next X
End Sub
```

```
(ListBox) -8
```

(True)

(Sorted)

-:

-:

(General)

.1

```
Sub ReSort(L As Control)
    Dim P%, PP%, C%, Pre$, s$, V%, NewPos%, CheckIt%
    Dim TempL$, TempItemData$, S1$

    For P = 0 To L.ListCount - 1
        s = L.List(P)
        For C = 1 To Len(s)
            V = Val(Mid$(s, C))
            If V > 0 Then Exit For
        Next
        If V > 0 Then
            If C > 1 Then Pre = Left$(s, C - 1)
            NewPos = -1
            For PP = P + 1 To L.ListCount - 1
                CheckIt = False
                S1 = L.List(PP)
                If Pre <> "" Then
                    If InStr(S1, Pre) = 1 Then CheckIt = True
                Else
                    If Val(S1) > 0 Then CheckIt = True
                End If
                If CheckIt Then
                    If Val(Mid$(S1, C)) < V Then NewPos = PP
                Else
                    Exit For
                End If
            Next
            If NewPos > -1 Then
                TempL = L.List(P)
                TempItemData = L.ItemData(P)
                L.RemoveItem (P)
                L.AddItem TempL, NewPos
                L.ItemData(L.NewIndex) = TempItemData
                P = P - 1
            End If
        End If
    Next
    Exit Sub
End Sub
```

(Click)

.2

-:

```
Private Sub Command1_Click()  
    Call ReSort(List1)  
End Sub
```

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