

# QuickFAQ (Frequently Asked Questions)

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The following information may be of help to you in streamlining your efforts to resolve any technical problems you may have with QuickPak Professional for Windows.

Before you call for Technical Support:

We believe that Crescent Software's technical support staff is second to none because it is comprised of software developers who are available to help you resolve your programming problems, rather than just technical support specialists. In the event that you discover a bug or an anomaly, Crescent will fix the problem as soon as possible, and provide a solution in a timely fashion.

However, in order to maximize the effectiveness of your contact with Crescent Software's technical support, we ask that you have the pertinent information available regarding your problem when you call.

Therefore, before you call for tech support,

- (A) please read through the documentation thoroughly.**
- (B) check our Demo programs - there are over 60 of them**
- (C) check this FAQ document**

We have found that many problems can be solved by applying the information contained in the documentation. If, after reading through text, you still cannot resolve your problem, then please follow these steps:

**GPF?** If you are getting a GPF (General Protection Fault), write down the information that is displayed when the error occurs. Also, make a note of what your code was doing (in general terms.)

**ISOLATE IT.** Try to isolate the cause of the error. If at all possible, step through your code with F8 and F9. Try to find the one line of code that is causing the error.

**SCALE IT DOWN.** If at all possible, try to reproduce the problem in a small test program that you can send in. Call the technical support line at 203.438.5300 to discuss your question, and possibly arrange the method by which you can send in your test code.

**CALL CRESCENT.** You can send in your test program via:

CompuServe Mail: 70662,2605  
Crescent BBS: 203.438.3314  
FAX: 203.431.4626 (Please keep code to a 2 page maximum)

Listed below are the most frequently asked questions in QuickPak Pro for Windows. Check it out. If there is something cool that you've done with our tools and want to share it with other fellow programmers, please do send it in. We'll try and include it here. Any comments, ideas, or suggestions are always welcome.

## **CSDialog**

(Q) On clicking Cancel Button of the DialogBox, I get an error. How do I prevent this error ?

(A) You need to include the code :

```
On Error Resume Next
CommonDialog.Action = 1
If Err Then Exit Sub
```

See the comments section of the Action Property for more details on this control.

(Q) How do I change the Printer Orientation (for example: from Portrait to LandScape) without displaying the PrintDialog Box ?

(A) See the Demo - CDPD.MAK in the subdirectory...\qp4win\control\csdialog. After changing the orientation, issue a Printer.EndDoc to establish a new DC.

(Q) Why should I use CSDialog instead of CMDialog ?

(A) Using the CSDialog boxes, you can :

CSDialog lets you specify a background color for the dialog box.

CSDialog has DialogLeft and DialogTop property that'll let you pop up the dialog anywhere you want.

CSDialog has an extra FindReplace dialog box.

These features are missing in the CMDialog

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## **CSCalendar**

(Q) How do I get the CSCalendar to show today's date ?

(A) `CSCalendar1 = Fix(Now)`

(Q) How do I mark days on the CSCalendar control, for example holidays or weekends?

(A) Check the demo ... \qp4win\control\escalndr which has a file MarkCal.BAS that calculates all the major (American) holidays and weekends and marks the calendar with a specific color.

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## **CSDate**

(Q) How do I get CSDate to show today's date ?

(A) `CSDate1.Value = Fix(Now) - 29220`

The number 29220 is the Crescent offset.

(Q) What is the range of CSDate ?

(A) Minimum : Jan 23rd 1900 (Value : -29197) to Maximum : Oct 27th 2065 (Value : 31347)

(Q) How do I get a VB date from the CSDate ?

(A) All you have to do is use the Value property, and add 29220 to convert it to a VB date.

`SomeVBDateVar = CSDate1.Value + 29220`

(Q) What type of field should I use in the database for CSDate ?

(A) You can use either an Access Date/Time field or an integer field. If you use an integer field, the data will be stored in Crescent date format (see the Date2Num and Num2Date functions for more information on the Crescent date format). If you use a Date/Time field, the date will be stored in Access date/time format.

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## **CSTime**

(Q) How do I get the CSTime control to display the current time ?

(A) "CSTime.Value = Timer " Should give you the current time.

(Q) What type of field should I use in the database for CSTime ?

(A) Use the Long Integer Field. It is the number of seconds from midnight.

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## **CSText**

(Q) Does CSText have a MultiLine Property like the Visual Basic Text Box ?

(A) No. Currently, it is not supported.

(Q) DDE properties like LinkTopic, LinkItem etc are missing from the CSText control. Any workarounds ?

(A) Use a standard VB's Text Box (keep it invisible) to do the DDE work for the CSText control.

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## **CSDouble**

(Q) How do I access the Value, MinValue or MaxValue of CSDouble ?

(A) Accessing these values for the CSDouble and CSCurrency is a little different than the how you'd use these properties with other CSText controls. Take a look in the documentation (Value Property, MaxValue Property and MinValue Property) for the details.

To assign a Value :

```
dval# = 12345.6789
```

```
CSDouble1.Value = QPSegAdr&(dval#)
```

To retrieve a Value from the control :

```
X# = Adr2Dbf#(CSDouble1.Value)
```

```
Print X#
```

(Q) Can CSDouble display numbers in scientific form like 1234E6 ?

(A) No.

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## **CSCurrency**

(Q) How do I access the Value or MinValue or MaxValue of CSCurrency ?

(A) Accessing these values for the CSCurrency and CSDouble is a little different than the how you'd use these properties with other CSText controls. Take a look in the documentation (Value Property, MaxValue Property and MinValue Property) for the details.

To assign a Value :  
curval@ = 12345.6789  
CSCurrency1.Value = QPSegAdr&(curval@)

To retrieve a Value from the control :  
X@ = Adr2Cur@(CSCurrency1.Value)  
Print X@

(Q) Is there a limit to the number of characters in the CSCurrency's DecDigits property ?  
(A) Yes. The limit is 4.

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## CSLabel

(Q) With BackgroundStyle set to Transparent, there is hole in the form !  
(A) Set the ClipControls property of the form to False.

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## CSChk

(Q) How does the Value Property of the CSChk work ?  
(A) Suppose you have 3 items in the list :  
If only the first is checked the Value would be equal to  $2^0 = 1$   
If only the second is checked the Value would be equal to  $2^0 + 2^1 = 3$   
If all the items are checked the Value would be  $2^0 + 2^1 + 2^2 = 7$   
And so on, hope you get the idea.

(Q) How would I have my form load up with a particular item checked with the CSChk ?  
(A) If you want the form to load up with the first and third items checked then, you'd need the code :  
CSChk.Value =  $2^0 + 2^2$

(Q) How do I check to see if a particular item is checked in CSChk ?  
(A) For the CSChk :  
Check for : CSChk.Value And  $2^x$   
here 'x' is the item you are checking. a non-zero value is returned if the item was checked, otherwise 0 is returned.

(Q) How do I fill the check list with items ?  
(A) In the design environment, use the Contents property. During Run time you can add items to the CSChk just like a List box.

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## CSOpt

(Q) How does the Value Property of the CSOpt work ?  
(A) If the first is checked the Value would be equal to  $2^0 = 1$   
If the second is checked the Value would be equal to  $2^0 + 2^1 = 3$   
If the third item is checked the Value would be equal to  $2^0 + 2^1 + 2^2 = 7$

(Q) How would I have my form load up with a particular item checked with the CSOpt ?

(A) The formula is set the Value to  $2^{(x-1)}$ , where x is the item you want checked.

For example, if you want the form to load up with the third item checked then, you'd need the code :

`CSOpt1.Value = 2^2`

(Q) How do I check to see if a particular item is checked in CSOpt?

(A) Check for : `CSOpt1.Value`

(Q) How do I fill the option list with items ?

(A) In the design environment, use the Contents property. During Run time you can add items to the CSOpt just like a List box.

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## CSCmd

(Q) Can I use special characters like '©' on the Caption of the CSCmd Control ?

(A) Yes. This can be done only during RunTime. You'd need code as :

`CSCmd.Caption = "Crescent Software © 1995-96"`

(Q) How do I resize the picture to the size of the CSCmd ?

(A) Use the `SizePicture` property to resize the picture. Note : You cannot resize the \*.ICO files.

(Q) I don't see the Default' or Cancel' Property for the CSCmd Button . Any way to get these properties in CSCmd Button ?

(A) These properties cannot be supported by any non-native controls, hence not supported by the CSCmd Button.

The workaround would be to put a Visual Basic Command button with the Default or Cancel properties on your form (hide it by putting it outside the visible range of your form, NOT by making `Visible = False`) and have it's click event fire the CSCmd Buttons Click event. Or you can use the form's `KeyPress` property.

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## CSPict

(Q) Trying to draw a CSPict on the form gives me a "Microsoft Visual Basic - Out of Memory" Error ! Help !!

(A) You have to use the CSPict control inside Visual Basic Picture Control. First put the Visual Basic Picture Control on the form and then draw the CSPict inside it.

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## CSPictur

(Q) Can I copy a image/picture directly into the CSPicture Control, like `CSPicture1.Picture = CSPicture2.Picture` ?

(A) No, You cannot do this with CSPicture. But there's a work around. You can use the Windows API call : `StretchBlt` or `BitBlt` to do the this. Example :

`CSPicture1.Picture = "c:\win\winlogo.bmp" ' Load a Bitmap into First Control`

`X% = 0` 'X Coordinate of Destination

`Y% = 0` 'Y Coordinate of Destination

`nWidth% = CSPicture2.Width` 'Width of Destination

```
nHeight% = CSPicture2.Height 'Height of Destination
XSrc% = 0 'X Coordinate of Source
YSrc% = 0 'Y Coordinate of Source
nSrcWidth% = CSPicture1.Width 'Width of Source
nSrcHeight% = CSPicture1.Height 'Height of Source
Rop& = &HCC0020
```

```
success% = StretchBlt%(CSPicture2.hDC, X%, Y%, nWidth%, nHeight%, CSPicture1.hDC, XSrc%,_
YSrc%,_ nSrcWidth%, nSrcHeight%, Rop&) Copy it into the Second Picture.
For more info on StretchBlt and BitBlt Function, refer to Windows API functions.
```

(Q) How do you print the contents of the CSPicturebox ?

(A) This Code will do the trick :

```
Dummy = DoEvents()
Printer.ScaleMode = 3
Printer.Print UCase$(CSPicture1.Picture)
DPI% = CSPicture1.PrintDPI
CSPicture1.PrintLeft = 0.5 * DPI%
CSPicture1.PrintTop = 0.5 * DPI%
CSPicture1.PrintXScale = 4
CSPicture1.PrintYScale = 4
CSPicture1.PrintDC = Printer.hDC
Printer.EndDoc
```

(Q) CSPicture does not have an AutoSize property. Is there some way I can resize the control to the size of the loaded picture or image ?

(A) You'd have to use the custom properties - PicHeight and PicWidth as follows :

```
CSPicture1.Width = XPixel2Twp&(CSPicture1.PicWidth)
CSPicture1.Height = XPixel2Twp&(CSPicture1.PicHeight)
```

Here XPixel2Twp& is a function in QPRO200.DLL

(Q) I can't seem to use the Visual Basic's Line and Circle functions or a normal print on CSPicture. I can use these functions to draw or print on a regular VB Picture Box.

(A) Use the functions CSLine, CSCircle or CSPrint from the Windows Specific Routines of QuickPak.

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## **CSCombo**

(Q) Is the CSCombo virtual like the CSVList Box?

(A) NO. It has about the same limit as VB's combo box of about 32K.

(Q) Can I use the AutoSearch property of CSCombo to search for an item in any column other than first one ?

(A) No. AutoSearch always works only on the first column.

(Q) How do I bind a table to CSCombo ?

(A) On the DataControl, set the DatabaseName to the path of the MDB and RecordSource to the appropriate Table (or SQL statement). Set the CSCombo's ListDataSource to DataControl and if you DoubleClick in the ListDataFields property, you'd see the fields in the table. Select the fields you want to display.

Use the ColWidths property of the CSCombo to set the Column's width.

(Q) What is the difference between DataSource and ListDataSource property of the CSCombo ?

(A) CSCombo can be bound to two tables (or two datacontrols). The DataSource & DataFields binds the Edit portion of the CSCombo to ONE field in table # 1 and ListDataSource & ListDataFields binds the List (or DropDown) portion of the CSCombo to one or more fields in table # 2.

{ValueCol Property decides which field in the List portion should be used for validating the datafield.}

(Q) Can I bind the CSCombo to two fields and display only one column ? How do I retrieve the value in the hidden column when the user makes selections ?

(A) Setting the ColWidth to zero would hide the column. You'd have to use the ValueCol and the Value property to retrieve any field. In the click event you'd say something like :

```
CSCombo.ValueCol = 0 'Point to the first column - (zero based)
Text1.Text = CSCombo.Value 'Fill the Text1 with value in first column
```

```
CSCombo.ValueCol = 1 'Point to the second column - (zero based)
Text2.Text = CSCombo.Value 'Fill the Text2 with value in second column
```

```
CSCombo.ValueCol = -1 'Point to all columns
Text3.Text = CSCombo.Value 'Fill the whole record in the Text3
```

(Q) How do I bind the CSCombo during runtime ?

(A) Here's a sample example to load the CSCombo during run time. All the properties of the CSCombo are default that ListDataSouce which is Data1

```
"~~~~~ Give a SQLStatement to the DataControl
data1.RecordSource = "SELECT * FROM Publishers WHERE Publishers.State = 'NY' ;"
data1.Refresh
"~~~~~ Select the Fields to Display
cscombo1.ListDataFields = "Name, PubID, City"
'~~~~~ Set the ColWidths of the three columns
cscombo1.ColWidth(0) = 15
cscombo1.ColWidth(1) = 3
cscombo1.ColWidth(2) = 10
'~~~~~ Make a big dropdown list
cscombo1.ListBoxWidth = 6000
cscombo1.Refresh 'Many people forget this !
```

(Q) Can I make the form come up with the cscombo's list dropped ?

(A) You'd have to put the code : CSCombo1.Dropped = True in the Form's Activate event.

(Q) Is there a way to detect if a new item was typed in by the user that wasn't already present in the list portion of the CSCombo ?

(A) There is a event - "NewItem" to detect that. Check the demo - ...\\qp4win\\controls\\cscombo\\TITLES.MAK which shows the usage of this event.

(Q) How do I load CSCombo in Manual Mode (i.e using Additem) into two or three Columns ?

(A) There are two ways of doing this.

(a)You can type following in the Window that pops up when you double click the Contents property :

```
Al;Bundy;Chicago
Homer;Simpson;Springfield
```

(b)or you can say in code  
CSCCombo1.AddItem "Al" + ";" + "Bundy" + ";" + "Chicago"

You'd have three columns : Name, LastName and City  
and of course the ColDelim is ';' - {SemiColon}

(Q) Does the CSCCombo control move the datapointer ? When I make a selection in the CSCCombo, other controls that are connected to the same datacontrol are not updated.

(A) The CSCCombo control does not move the datapointer. You'd have to move the datapointer yourself through code by doing something like a FindFirst method on the datacontrol.

(Q) If I drop the list using ALT+DOWNARROW key, and press Enter, I'd expect the first item in the list to be selected. It's not.

(A) That's how the standard combo boxes behave.

(Q) How does the ColWidths property determine the width of the column in the CSCCombo control ?

(A) The TextWidth of the ColWidths property in the CSCCombo is based on the "M" character. So the spacing between two columns would be kind of approximate. For example, if you have two columns, and have added items like :

```
CSCCombo1.additem "AAAAA" + ";" + "AAAAAAAAAAAA"
```

```
CSCCombo1.additem "MMMMM" + ";" + "MMMMMMMMMMMM"
```

```
CSCCombo1.additem "IIIII" + ";" + "IIIIIIIIII"
```

```
CSCCombo1.additem "XXXXX" + ";" + "XXXXXXXXXXXX"
```

```
CSCCombo1.additem "WWWWW" + ";" + "WWWWWWWWWW"
```

In such a case, the spacing between the two columns wouldn't be the same.

(Q) Is there a fast method to search for a particular item in the CSCCombo box ?

(A) CBFindString routine in the QPRO200.DLL will search for an item, but only for the item in the first column.

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## CSVList

(Q) How do I bind a table to CSVList ?

(A) On the DataControl, set the DatabaseName to the path of the MDB and RecordSource to the appropriate Table (or SQL statement). Set the CSVList's ListDataSource to DataControl and if you DoubleClick in the ListDataFields, you'd see the fields in the table. Select the fields you want to display. Use the ColWidths property of the CSVList to set the Column's width.

(Q) Can I bind the CSVList to two fields and display only one column ? How do I retrieve the value in the hidden column when user makes selections ?

(A) Setting the colwidth to zero would hide the column. You'd have to use the ValueCol and the Value property to retrieve any field. In the click event you'd say something like :

```
CSVList.ValueCol = 0 ' Point to the first column - (zero based)  
Text1.Text = CSVList.Value ' Fill the Text1 with value in first column
```

```
CSVList.ValueCol = 1 ' Point to the second column - (zero based)  
Text2.Text = CSVList.Value ' Fill the Text2 with value in second column
```

```
CSVList.ValueCol = -1 ' Point to the all columns
```



```
Text3.Text = CSVList.Value      ' Fill the whole record in the Text3
```

(Q) While a single item in the list selected by the mouse can be found using CSVList.Value (if MultiSelect property is false), how do I retrieve a block of multiple items when the MultiSelect property is true?

(A) You can try something like :

```
' The CSVList has 4 columns.
' myArray() is a type array of four members AA, BB, CC, DD which are strings
' Each field (column) is stored into the array's appropriate member.
For i = 0 To CSVList1.ListCount      ' Go through all the items
    If CSVList1.Selected(i) Then     ' If it is selected then
        CurPos% = 1 ' use the parsestring routine
        Delimit$ = Chr$(9) ' Tab was the column delimiter
        Work$ = CSVList1.List(i)
        myArray(b%).AA = ParseString$(CurPos%, Work$, Delimit$) ' Get the 1st column
        myArray(b%).BB = ParseString$(CurPos%, Work$, Delimit$) ' Get the 2nd column
        myArray(b%).CC = ParseString$(CurPos%, Work$, Delimit$) ' Get the 3rd column
        myArray(b%).DD = ParseString$(CurPos%, Work$, Delimit$) ' Get the 4th column
        b% = b% + 1
    End If
Next i
```

(Q) How do I bind the CSVList during runtime ?

(A) Here's a sample example to load the CSVList during the run time. All the properties of the CSVList are default except that the ListDataSource which is Data1

```
'~~~~~ Give a SQLStatement to the DataControl
data1.RecordSource = "SELECT * FROM Publishers WHERE Publishers.State = 'NY' ;"
data1.Refresh
'~~~~~ Select the Fields to Display
csvlist1.ListDataFields = "Name, PubID, City"
'~~~~~ Set the ColWidths of the three columns
csvlist1.ColWidth(0) = 15
csvlist1.ColWidth(1) = 3
csvlist1.ColWidth(2) = 10
```

```
csvlist1.Refresh 'Many people forget this !
```

(Q) Is there a horizontal limit on the number of characters that can be accommodated in CSVList ?

(A) Yes. It is 255.

(Q) Does the Change event fire when you select an item in the CSVList ?

(A) No, but the Click event would. The Change event would fire whenever the TopIndex is changed.

(Q) Is there a fast method to search for a particular item in the CSVList box ?

(A) No. LBFindString routine in the QPRO200.DLL will NOT search for an item, nor will the various Windows API calls.

(Q) How does the ColWidths property determine the width of the column in the CSVList control ?

(A) The TextWidth of the ColWidths property in the CSVList is based on the "M" character.

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## CSForm

(Q) The CSForm seems to mess up the settings of the VB Label control. What's wrong ?

(A) CSForm does not support the "light-weight controls" (ones without the hWnd property) like Line, Lable, Image, Shape etc.

(Q) Can I do something like a ToolBar using the CSForm ?

(A) Yes. Look at the demo ....\qp4win\control\csform\wri\_tbar.mak.

(Q) How do I append a item to the control box of the form ?

(A) Take a look at the demo....\qp4win\control\csform\csclock.mak. CSForm has a event called "SysMenuClick". Take a look at documentation for more details.

(Q) How do I detect on what item of the menu the mouse is on ?

(A) CSForm has a event MenuBrowse. Use it. Take a look at documentation and the demo ....\qp4win\control\csform\status.mak for more details. It is extremely useful if you want to have a kind of Help-Status bar.

(Q) How do I detect on what control the mouse is on ?

(A) CSForm has a event MouseEnter. Also you can change the mouse from the default. Take a look at documentation and the demo ....\qp4win\control\csform\status.mak for more details. It is extremely useful if you want to have a kind of Help-Status bar.

(Q) Can I prevent the user from changing just the height or just the width of the form - one or the other ? I know that using the form's BorderStyle property I can fix both the height and width.

(A) Use the MaxInfo event of the CSForm to fix the dimensions of the Form. Take a look at documentation and the demo ....\qp4win\control\csform\ sizedemo.mak for more details.

(Q) Is there a way to detect files being dropped on a form ?

(A) The CSForm has an event called "DropFiles" which would fire when the files are dropped on the form from say the FileManager. Take a look at documentation and the demo ....\qp4win\control\csform\ trashcan.mak for more details.

(Q) Is there any routine or property in CSForm that'll make the background of my form Tiled to a BMP of my choice ?

(A) Nothing in CSForm. Take a look at the demo ...\qp4win\misc\TileDemo.MAK. Using Windows API Functions it can be done

(Q) Does QuickPak have a kind of Balloon-Help thing ?

(A) The answer is no. However, using CSForm's MouseEnter Event, you can implement it. Put up an invisible Lable on your form and make it visible in the MouseEnter Event of the CSForm and adjust the left and top of the label in accordance with the Control over which the mouse is currently positioned. Use CtlTag property to fill the Caption of the Lable.

(Q) Sometimes the controls within a container control does not paint themselves properly. Example, the Text control within a ThreeD Frame does not paint itself if there is CSForm on the form.

(A) Workaround : Set the ClipControls property of the form to False.

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## **CSHyperText**

(Q) Is there an easy way to put the Escape codes around the texts ?

(A) Use the utility HyperText Helper that'll make it real easy for you write the text with the Escape Codes.

Contributed by HARALD ZOSCHKE

(Q) How do I print the contents of CSHyperText label ? I want to let my user print the topic that he (or she) is currently seeing in the CSHyperText label, something similar to the PrintTopic option in the Windows help file.

(A) You'd have to write a routine to check the contents of the CSHyperText label and strip out the Escape codes and send it to the printer. We might provide with you with a VB routine for you, pretty soon, but till then ....

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## QPList

(Q) I can't use the DragDrop features of QPList. The whole control moves as I try to drag an item from the list. How do I prevent this ?

(A) If you have the Title Bar set to true, the whole control would move as you'd try to drag an item. You'd have to set it off (you can draw a Title bar using a Label control or by any other method you seem fit).

(Q)How does one change the drives, subdirectory, files etc.. when using QPList ?

(A) Use the sample code as illustrated below in the DoubleClick event of QPList :

```
On Error GoTo Errhandler
Dim item$, current$, Filename$, filestr$
item$ = qplist1.List(qplist1.ListIndex) 'This is the item selected
'Did I select the drives ? If yes, change drives
If Mid$(item$, 1, 2) = "[" Then
    ChDrive Mid$(item$, 3, 1) & ":"
    qplist1.Refresh
    Label1.Caption = CurDir    Update the Label
End If
'Did I select sub-directories ? If yes, change sub-directories
If Left$(item$, 1) = "[" And Mid$(item$, 2, 1) <> "-" Then
    If Right$(CurDir, 1) = "\" Then
        current$ = Mid$(CurDir, 1, Len(CurDir) - 1)
    Else
        current$ = CurDir
    End If
    ChDir current$ & "\" & Mid$(item$, 2, Len(item$) - 2)
    qplist1.Refresh
    Label1.Caption = CurDir    Update the Label
End If
'Did I select files ?
If Left$(item$, 1) <> "[" Then
    Filename$ = item$
    'Update the Label
    If Right$(CurDir, 1) = "\" Then
        current$ = CurDir
    Else
        current$ = CurDir + "\"
    End If
    filestr$ = current$ + Filename$
    Label1.Caption = filestr$
End If

Errhandler:
'The drives door is open
If Err = 71 Then
```

```

        MsgBox "Close the door on your drive " & UCase(item$) & " and try again."
        ChDrive app.Path
        qplist1.Refresh
        Label1.Caption = CurDir
    End If
Resume Next

```

(Q) How can I select multiple items in the QPList ? This control does not seem to have a MultiSelect property as with the standard list box.

(A) You can use the Selection property which is similar. Check the documentation for more details.

(Q) Is there a fast way to search for a string in the QPList control, instead of looping through all the items in the QPList.

(A) Try the function in QPRO200.DLL : LBFindString

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## QPRO200.DLL

(Q) Can I use the QPRO200.DLL from environments other than VB say C++ ?

(A) Any DLL written in the C can be used from the Visual Basic, but some DLLs made for Visual Basic may require some extra steps before they can be called from C. For the most part, you run into trouble when calling string functions, or functions that return a string. Visual Basic string functions return a VB-specific string data type called an HLString. To call these functions from C, you must add the VBAPI.LIB file to your project and include the VBAPI.H file in your code. These files are generally found in your \VB\CDK directory. You must first use VBCreateHlstr to create a string that VB will return, then call the function. Once you have the HLString, you must use the VBDerefHlstr function to access the string data. When you are done, you must destroy the HLString with (you guessed it) VBDestroyHlstr.  
Contributed by CARL FRANKLIN.

(Q) Do I decrypt a string that I encrypted using the Encrypt or Encrypt2 routine ?

(A) You use the same routine - Encrypt or Encrypt2 to decrypt .

(Q) Does the QuickPak have any routines for unzipping files ?

(A) The source for the utility CSUnzip is in the directory ...qp4win\misc\csunzip.mak. All the routines are in the file ZIPSUPPT.BAS

Contributed by HARALD ZOSCHKE

(Q) Do you have a Setup or a Install Routine in QuickPak Pro ?

(A) Installation of the QuickPak use plain VB. No setup wizard was used. Take a look at the source code in : ...qp4win\misc\Install.MAK.

(Q) Does SortT work for huge arrays i.e., over 64K ?

(A) Yes. See that your Type definition is an even power of two i.e, 2, 4, 8, 16, 32, 64, 128, 256..... so on. For example if your type is defined as :

```

Type MyType
    MyName as String *10
    MyAddress as String * 10
    MyDOB as String * 8

```

End Type

Here the total is (10 + 10 + 8) = 28. Make it an even power of 2 by adding a pad, something like MyPad as String \* 4.

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**Misc :**

(Q) Problems using Crescent controls with Access 2.0 ?

(A) All the controls in QuickPak have been tested with Access 2.0 databases. You can use the NWIND.MDB database which comes with the Access 2.0 to test it. You should have the compatibility layer to use VB's data-aware controls with Access 2.0. You can get this compatibility layer from MSDN or regular Microsoft download points. The latest version of our controls are available on our BBS (203 - 438 - 3314, File Area : 9) or Compuserve's Crescent forum.

(Q) I have version x.xx of QuickPak for Windows. What is the latest version ? What are the enhancements/additions/patches in the latest version ?

(A) Currently we are shipping version 3.22 (as of Jan 1995). To see the list of enhancements/additions/patches in the latest version download the file HISTORY.DOC which is available on our BBS (203 - 438 - 3314, File Area : 9).

\*\*\*\*\* Date : 01/12/1994 \*\*\*\*\*