

***FileListBox* Sample Help**

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Control

FileListBox

FileComboBox

For Help on Help, Press F1

FileListBox

The purpose of this sample is to demonstrate the two types of controls that are available for selecting drives, directories, and files. The controls are: **FileListBox** and **FileComboBox**. Each control is capable of only displaying drives, directories, or files. This is done by setting the following properties:

Property	Action
ShowDrives	Displays drives if set to True
ShowDirs	Displays directories if set to True
ShowFiles	Displays files if set to True
CurrentDir	Sets the currently selected directory

The FileListBox behaves very similar to the standard list box control. The **ListCount** property indicates how many files or directories are in the list, and **ListIndex** specifies the index of the currently selected list item. The **SelfPath** property indicates the current path and filename or directory that is currently selected.

To use the FileListBox sample:

1. Click on a drive letter.
2. Then, double-click on a directory name that is displayed in the Directory FileListBox. A list of files in that directory will be displayed in the File FileListBox. In addition, a label at the bottom of the form will be updated to display the currently selected directory.

Selecting a System Drive

This sample uses a **FileComboBox** named **cboDrives** to select system drives. This control specializes in selecting Drives because the **SelType** property is set to "1 - Drives". When a specific Drive is clicked, the **SelPath** property is automatically updated. Clicking on this control invokes the following Click method which calls the following sub procedure.

```
Sub cboDrives_Click()  
    ' Go to the selected drive/directory  
    DisplayDir(cboDrives.SelPath)  
End Sub  
  
Sub DisplayDir(ByVal dir As String)  
    ' Setting list directory path has the side effect of  
    ' resetting the lstDirectory.SelPath to ""  
    ' Since DisplayDir is called sending this value, we need  
    ' to use ByVal to explicitly copy the SelPath value.  
    lstDirectory.Path = dir  
    lstFiles.Path = dir  
    cboDrives.SelectDrive(lstDirectory.Path)  
    lblPath.Text = lstDirectory.Path  
End Sub
```

This method sets the **Path** property of the **lstDirectory** (FileListBox) to be the Drive chosen. This automatically updates the contents of the FileListBox to include all main directories on that drive. In addition, the label **lblPath** on the form is updated to display the current drive and directory information.

Selecting a System Directory

This sample uses a **FileListBox** named **lstDirectory** to select and change directories. This control specializes in selecting Directories because the **ShowDirs** property is set to True. To prevent Drives and Files from being included, the **ShowDrives** and **ShowFiles** properties are set to False. The property **SelPath** displays the current working directory. The following Double-Click event is assigned to the lstDirectory control:

```
Sub lstDirectory_DblClick()  
    ' Go to the selected directory  
    DisplayDir(lstDirectory.SelPath)  
End Sub
```

As shown by the above code, when a directory is double-clicked in the **lstDirectory** control, an additional FileListBox control is updated with the **SelPath** information. This control is named: **lstFiles**. The lstFiles FileListBox has its **ShowFiles** property set to True. Each time the SelPath property is set, a list of files from that directory are displayed.

Basically what this sample is doing is organizing the files and directories in two FileListBoxes each time a directory is clicked by the user. It is important to note that the lstFiles control has its **Filter** property set to ".", which means that all files will be displayed. To change this to accept specific file formats simply add a format to this Filter property. All files shown in this list will end up in the **lstFiles** FileListBox for user selection.

Selecting Files

Selecting Files from the `lstFiles` `FileListBox` is a matter of clicking on a filename. Each time you click on a filename from the `lstFiles` `FileListBox`, the **`SelPath`** property is updated to reflect the name and path of the chosen file. This name can then be used by program code to perform some type of file operation.

