

WinCorp Consulting Company

Offering a Better Btrieve Solution for Visual Basic developers.

WinCorp Consulting Company, with headquarters in Southern California, specializes in Visual Basic add-on tools and custom Visual Basic software development.

Our products, **BtrieveWiz**, **Visual Basic 4.0 Class Library for Btrieve** and (coming soon!) **DDFZip** are designed to speed development of your Visual Basic projects that use Btrieve as a back-end database manager.

Visual Basic 4.0 Class Library for Btrieve

Take advantage of Visual Basic 4.0 Classes for Btrieve!

Whether you've inherited an existing Btrieve project or are creating a new Btrieve project from scratch you can speed development with WinCorp's Visual Basic 4.0 Classes for Btrieve.

Visual Basic 4.0 Classes for Btrieve is a complete set of pre-built classes written in Visual Basic that encapsulates the Btrieve API. Each Btrieve file is treated as a Visual Basic object allowing the developer to access Btrieve files via the familiar Properties and Methods interface.

Encapsulate business rules for your Btrieve applications, create OLE Servers for Btrieve using VB, maintain existing Btrieve systems, develop custom Btrieve solutions in a fraction of the time and money.

Product Features:

- Btrieve files are Visual Basic 4.0 objects.
- Access Btrieve files via familiar Properties and Methods interface.
- Properties describe Btrieve File, Fields, Indexes and Data.
- Methods navigate Btrieve files: btCreate, btOpen, MoveFirst, MoveNext, Find, btClose, etc.
- Easily create permanent or temporary Btrieve files 'on-the-fly'
- Unlimited number of Bookmarks for each Btrieve file.
- Export Btrieve data to ASCII comma delimited text file.
- Can use, but does not require DDF files
- Maintain security using Btrieve Owner Name.
- Load the contents of a Btrieve file into a VB Listbox or Combobox with one line of code!
- Record Locking.
- Btrieve Transaction Processing.
- Maximum performance: makes direct calls to the Btrieve API.
- Less coding: the details and complexity of the Btrieve API are hidden in the classes.
- Plus more...
- **VISUAL BASIC SOURCE CODE INCLUDED.**

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Visual Basic 4.0 Class Library for Btrieve

Properties

AllowVariableLength()	Btrieve file object allows variable length records
BOF()	Beginning of file flag
Bookmark()	Get/Set bookmarks
CompressedData()	Btrieve file object has Compressed Data
DataBuffer()	Btrieve data buffer
DDFPath()	Path to File.DDF, Field.DDF and Index.DDF
EOF()	End of file flag
ExportFileName()	Name of ASCII Export file
ExportFileNumber()	DOS file number for currently opened Export File
FieldCount()	Number of fields in the Btrieve file object
FileName()	Name of Btrieve file object
FilePath()	DOS path name to Btrieve file object
Fld()	Array that holds the individual data elements of a Btrieve file record
FldName()	Name of individual fields in Btrieve file object
FldOffset()	Field Offset into the Btrieve file record
FldSize()	Field Size of the Btrieve data element
FldType()	Field Type of the Btrieve data element
FreeSpace10Pct()	Free Space 10 Percent
FreeSpace20Pct()	Free Space 20 Percent
FreeSpace30Pct()	Free Space 30 Percent
GetKeyOperation()	Get key operation on/off
IsExportFileOpened()	Is the export file for this Btrieve file object opened
KeyCount()	Number of Keys in the Btrieve file object
KeyNumber()	Get/Set Btrieve file Key Number
KeyOnlyFile()	Btrieve Key-Only file
KeyRecordCount()	Number of records in the Btrieve file for the current key
NoMatch()	Boolean Flag set after Find operation
NumKeys()	Number of keys for the Btrieve file object
Opened()	Is the Btrieve file object open
OpenMode()	Btrieve file open mode
OwnerName()	Owner Name
PageSize()	Btrieve file object Page Size
PreAllocatedPages()	Number of preallocated pages
PercentByPosition()	Percent by Position in file
RecordCount()	Total number of records in the Btrieve file object
RecordLength()	Record length
RecordLocks()	Set the type of Record Locking
RecordNumber()	Physical record number of the current record
Stat()	Btrieve file operation status code
TruncateTrailingBlanks()	Btrieve file object Truncates Trailing blanks
UnusedPages()	Unused pages in Btrieve file object
UseDDF()	True: Use File, Field, Index.DDF. False: Process Btrieve file in native format

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Methods

btAbortTran()	Abort a Btrieve transaction
btBeginTran()	Begin a Btrieve transaction
btClose()	Close an open Btrieve file
btCreate()	Create a Btrieve file
btEndTran()	End a Btrieve transaction
btOpen()	Open a Btrieve file
btReset()	Reset the Btrieve Record Manager - closes all open Btrieve files
btStop()	Unload the Btrieve Record Manager
btVersion()	Return the version number of the Btrieve Record Manager
Clear ()	Clear the Btrieve file object data buffer
ClearOwner()	Clear the owner name of the Btrieve file
CloseExportFile()	Close the currently open Export file
Delete()	Delete the current record in a Btrieve file
Export()	Export the current record in a Btrieve file to an ASCII comma delimited text file
Find()	Find a record in a Btrieve file
GetDirect()	Btrieve Get Direct operation
GetPosition()	Btrieve Get Position operation
Insert()	Insert a record into a Btrieve file
KillExportFile()	Kill the currently opened Export file
Loadlistbox()	Load a field from a Btrieve file into a VB Listbox or Combobox
LoadListBox_FileDDF()	Load the file names from any File.DDF into a VB Listbox or Combobox
MoveFirst()	Move to the First record in a Btrieve file
MoveLast()	Move to the Last record in a Btrieve file
MoveNext()	Move to the Next record in a Btrieve file
MovePrevious()	Move to the Previous record in a Btrieve file
OpenExportFile()	Open a comma delimited ASCII text file for export
RecordLocksClear()	Clear Record Locks
SetOwner()	Set the Owner for the Btrieve file
StepFirst()	Btrieve Step First operation
StepLast()	Btrieve Step Last operation
StepNext()	Btrieve Step Next operation
StepPrevious()	Btrieve Step Previous operation
UnLockRecord()	Unlock a record in the Btrieve file
Update()	Update the current record in the Btrieve file

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Follow these simple steps to use Visual Basic 4.0 Classes for Btrieve in your projects:

1. Add the Class modules to your new or existing Visual Basic project.

2. 'Dim' a Btrieve class object:

```
Dim myBtrieveFile as clsBtrv
```

3. Create the object

```
Set myBtrieveFile = New clsBtrv
```

4. Open the Btrieve File

```
myBtrieveFile.btOpen "c:\data\file.btr"
```

5. Navigate the Btrieve file

```
myBtrieveFile.MoveFirst
```

```
myBtrieveFile.MoveNext
```

```
myBtrieveFile.MovePrevious
```

```
myBtrieveFile.Find "=", someKey
```

```
myBtrieveFile.Find "<=", someKey, someOtherKey
```

6. Return or update fields in the current Btrieve record

```
txtCompany.Text = myBtrieveFile.fld(0)
```

```
myBtrieveFile.fld(0) = "John Smith"
```

```
myBtrieveFile.fld(1) = "123 Main Street"
```

```
myBtrieveFile.fld(2) = "AnyTown"
```

7. Update the current Btrieve record

```
myBtrieveFile.Insert
```

```
myBtrieveFile.Update
```

```
myBtrieveFile.Delete
```

8. Close the file

```
myBtrieveFile.btClose
```

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Sample Code:

```
Sub Process_A_BtrieveFile()
    'Open a Btrieve file and read all records
    Dim btFile As clsbtrv
    Dim nLoop As Integer

    'create the Btrieve file object
    Set btFile = New clsBtrv

    'open the Btrieve file using DDF files
    btFile.btOpen "BtrieveFileName", "c:\ddfPath"

    'OR you can open the Btrieve data file directly
    'btFile.FilePath = "c:\btr\customer.btr"
    'btFile.btOpen

    'display total number of records in Btrieve file
    MsgBox "Total Records in this Btrieve file=" & btFile.RecordCount

    'move to the first record in the Btrieve file
    btFile.MoveFirst

    'now spin through all records in the Btrieve file
    Do While btFile.Stat = 0

        'display each field in the record
        For nLoop = 0 to btFile.FieldCount - 1
            MsgBox btFile.fld(nLoop)
        Next nLoop

        'get the next record in the Btrieve file
        btFile.MoveNext
    Loop

    'close the btrieve file
    btFile.btClose
End Sub
```

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Sample Code:

```
Sub Create_A_BtrieveFile()
```

```
    'create native Btrieve file
```

```
    bt.UseDDF = False
```

```
    'name and location of data file
```

```
    bt.FilePath = App.Path & "\" & "test.dat"
```

```
    'define 4 fields for the file
```

```
    bt.FldName(0) = "AcctID"
```

```
    bt.FldSize(0) = 4
```

```
    bt.FldName(1) = "Name"
```

```
    bt.FldSize(1) = 35
```

```
    bt.FldName(2) = "Address"
```

```
    bt.FldSize(2) = 35
```

```
    bt.FldName(3) = "CityStateZip"
```

```
    bt.FldSize(3) = 45
```

```
    'define 2 indexes for the file
```

```
    bt.Indexes(0) = "AcctID"
```

```
    bt.Indexes() = "Name+ CityStateZip"
```

```
    'create the Btrieve file
```

```
    bt.btCreate
```

```
End Sub
```

Visual Basic 4.0 Class Library for Btrieve

Price: \$249.00

Call 1-800-663-9775 or 909-980-7344 to Order or Email your Credit Card order via CompuServe to 71165,2426

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BtrieveWiz: VB4 Add-in for Btrieve files

A seamless integration: Visual Basic 4.0 and Btrieve!

BtrieveWiz is a Visual Basic 4.0 Add-in that gives the VB developer the ability to quickly browse or search Btrieve data files by any key, View/Print Btrieve File, Field and Index definitions (DDF's), and Export Btrieve data to ASCII text files from within the VB4 Design Environment. A Visual Basic Code Wizard generates VB Code for Visual Basic 4.0 Classes for Btrieve, Type/End Type Btrieve file descriptions and Public/Private Constants plus Declarations for the Btrieve API!

Product Features:

- Browse or Search Btrieve files by any Index.
- Virtual Grid quickly displays Btrieve files of ANY size.
- Find data fast with single or multi-key searches.
- Easily export data contained in Btrieve files to ASCII comma delimited text.
- Quickly browse or print Btrieve File, Field and Index DDF's.
- Quickly locate Btrieve Field Names and Indexes defined in your Btrieve files.
 - Speed development time with Visual Basic Code Wizard.

BtrieveWiz eliminates the need for external file browsers: do it all from within the Visual Basic 4.0 design environment!

BtrvWiz

Path to DDF Files

C:\XTRIEVE\FILE.DDF

Btrieve File

baseball teams
batting statistics
pitching statistics

File Path: bteams.dat

Show: ☒ Fields ☐ Indexes

Page Size: 3584 Record Length: 41

Number of Indexes: 4 Number of Records: 0

Name	Type	Length	Decimals
team city	String	15	
team name	String	10	
league	String	8	
division	String	4	
wins	Integer	2	
loss	Integer	2	

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BtrvWiz Browse Jacks Bin Codes

File Name: Key: Page Size: Record Length:

File Path: Find: # of Indexes: # of Records:

sCode	sShort_nm	sLong_nm	fYds	fCharge_am	sMisc
A	CANS	CUSTOMER CANS	0.50	0.00	
B	1.5YD	1.5 YD BIN	1.50	0.00	
C	3YD	3 YD BIN	3.00	0.00	
D	4YD	4 YD BIN	4.00	0.00	
E	3T	3 YD TILT HOPPER	3.00	0.00	
F	8YD	8 YD ROLL-OFF	8.00	0.00	
G	15YD	15 YD ROLL-OFF	15.00	0.00	
H	40YD	40 YD ROLL-OFF	40.00	0.00	
I	UNIT	UNITS	0.00	0.00	
J	1/2	1/2 A 3YD	1.50	0.00	
K	2YD	2 YD BIN	2.00	0.00	
L	10YD	10 YD ROLL-OFF	10.00	0.00	
M	40C	40 YD COMPACTOR	40.00	0.00	
N	6YD	6 YD Bin	6.00	0.00	
O	14 GAL	RECYCLE BOX	0.00	0.00	
P	3RC	3 YD Recycle Bin	3.00	0.00	
Q	1.5RC	1.5 YD Recycle Bin	1.50	0.00	
R	4RC	4 YD Recycle Bin	4.00	0.00	
S	40RC	40 YD Recycle Bin	40.00	0.00	
T	10RC	10 YD Recycle Bin	10.00	0.00	

Close Export...

BtrieveWiz: VB4 Add-in for Btrieve

Price: \$149.00

Bundle and Save: Visual Basic 4.0 Class Library for Btrieve and BtrieveWiz

Discount Price: \$348.00 saves \$50.00 off the list price of: \$398.00

Call 1-800-663-9775 or 909-980-7344 to Order or Email your Credit Card order via CompuServe to 71165,2426

Coming soon: DDFZip.

Automatically backup Btrieve files defined in any File.DDF using the industry standard PKZIP format! Back up your Btrieve databases quickly and easily with DDFZip's simple-to-use interface. Expected release is 2nd Quarter 1996.

Btrieve is a registered Trademark of Btrieve Technologies, Inc.