

# VB4 Classes for Btrieve Programmer's Reference

## AllowVariableLength Property

| <b>Applies To</b>  | Btrieve File Object  |                |                    |               |   |                |  |
|--------------------|--|----------------|--------------------|---------------|---|----------------|--|
| <b>Description</b> | Returns a value indicating whether the Btrieve file allows variable length records.  |                |                    |               |   |                |  |
| <b>Syntax</b>      | <p>boolValue = <i>object</i>.<b>AllowVariableLength</b></p> <p>The <b>AllowVariableLength</b> property syntax has these parts:</p> <table><tr><th><b>Part</b></th><th><b>Description</b></th></tr><tr><td><i>object</i></td><td>A Btrieve file object</td></tr><tr><td><i>boolean</i></td><td>A Boolean expression specifying if the Btrieve file object allows variable length records.</td></tr></table> | <b>Part</b>    | <b>Description</b> | <i>object</i> | A Btrieve file object                                   | <i>boolean</i> | A Boolean expression specifying if the Btrieve file object allows variable length records. |
| <b>Part</b>        | <b>Description</b>   |                |                    |               |   |                |  |
| <i>object</i>      | A Btrieve file object  |                |                    |               |   |                |  |
| <i>boolean</i>     | A Boolean expression specifying if the Btrieve file object allows variable length records.   |                |                    |               |   |                |  |
| <b>Settings</b>    | <p>The settings for <i>boolean</i> are:</p> <table><tr><th><b>Setting</b></th><th><b>Description</b></th></tr><tr><td><b>True</b></td><td>The Btrieve file object allows variable length records.</td></tr><tr><td><b>False</b></td><td>The Btrieve file object does not allow variable length records.</td></tr></table>  | <b>Setting</b> | <b>Description</b> | <b>True</b>   | The Btrieve file object allows variable length records. | <b>False</b>   | The Btrieve file object does not allow variable length records.                            |
| <b>Setting</b>     | <b>Description</b>   |                |                    |               |   |                |  |
| <b>True</b>        | The Btrieve file object allows variable length records.  |                |                    |               |   |                |  |
| <b>False</b>       | The Btrieve file object does not allow variable length records.  |                |                    |               |   |                |  |
| <b>Remarks</b>     | This Property is read-only.  |                |                    |               |   |                |  |

## BOF Property

| <b>Applies To</b>  | Btrieve File Object  |                |                    |               |   |                |  |
|--------------------|--|----------------|--------------------|---------------|---|----------------|--|
| <b>Description</b> | Returns a boolean value indicating whether the application attempted to read past the beginning of the file.   |                |                    |               |   |                |  |
| <b>Syntax</b>      | <p>boolValue = <i>object</i>.<b>BOF</b></p> <p>The <b>BOF</b> property syntax has these parts:</p> <table><tr><th><b>Part</b></th><th><b>Description</b></th></tr><tr><td><i>object</i></td><td>A Btrieve file object</td></tr><tr><td><i>boolean</i></td><td>A Boolean expression specifying if the application attempted to read past the beginning of the file.</td></tr></table> | <b>Part</b>    | <b>Description</b> | <i>object</i> | A Btrieve file object   | <i>boolean</i> | A Boolean expression specifying if the application attempted to read past the beginning of the file. |
| <b>Part</b>        | <b>Description</b>   |                |                    |               |   |                |  |
| <i>object</i>      | A Btrieve file object  |                |                    |               |   |                |  |
| <i>boolean</i>     | A Boolean expression specifying if the application attempted to read past the beginning of the file.   |                |                    |               |   |                |  |
| <b>Settings</b>    | <p>The settings for <i>boolean</i> are:</p> <table><tr><th><b>Setting</b></th><th><b>Description</b></th></tr><tr><td><b>True</b></td><td>The application attempted to read past the beginning of the file.</td></tr><tr><td><b>False</b></td><td>The application did not attempted to read past the beginning of the file.</td></tr></table>  | <b>Setting</b> | <b>Description</b> | <b>True</b>   | The application attempted to read past the beginning of the file. | <b>False</b>   | The application did not attempted to read past the beginning of the file.                            |
| <b>Setting</b>     | <b>Description</b>   |                |                    |               |   |                |  |
| <b>True</b>        | The application attempted to read past the beginning of the file.  |                |                    |               |   |                |  |
| <b>False</b>       | The application did not attempted to read past the beginning of the file.  |                |                    |               |   |                |  |
| <b>Remarks</b>     | This Property is read-only.  |                |                    |               |   |                |  |

## Bookmark Property

|                   |                     |
|-------------------|---------------------|
| <b>Applies To</b> | Btrieve File Object |
|-------------------|---------------------|

|                    |   |   |
|--------------------|---|---|
| <b>Description</b> | Returns or sets a bookmark that uniquely identifies the current record in a Btrieve file.   |   |
| <b>Syntax</b>      | <i>object</i> . <b>Bookmark</b> [= <i>value</i> ]<br>The <b>Bookmark</b> property syntax has these parts:                             |   |
|                    | <b>Part</b>   | <b>Description</b>  |
|                    | <i>object</i>   | A Btrieve file object   |
|                    | <i>value</i>  | A long expression that evaluates to a unique Btrieve record number. |
| <b>Example:</b>    | ILongVal = btrvFile.BookMark    'get a bookmark<br>btrvFile.BookMark = ILongVal    'retrieve a record with a previously set bookmark. |   |

---

## CompressedData Property

|                    |   |   |
|--------------------|---|---|
| <b>Applies To</b>  | Btrieve File Object   |   |
| <b>Description</b> | Returns a value indicating whether the Btrieve file compresses data.  |   |
| <b>Syntax</b>      | boolValue = <i>object</i> . <b>CompressedData</b><br>The <b>CompressedData</b> property syntax has these parts: |   |
|                    | <b>Part</b>   | <b>Description</b>  |
|                    | <i>object</i>   | A Btrieve file object   |
|                    | <i>boolean</i>  | A Boolean expression specifying if the Btrieve file object compresses data. |
| <b>Settings</b>    | The settings for <i>boolean</i> are:  |   |
|                    | <b>Setting</b>  | <b>Description</b>  |
|                    | <b>True</b>   | The Btrieve file object compresses data.                                    |
|                    | <b>False</b>  | The Btrieve file object does not compresses data.                           |
| <b>Remarks</b>     | This Property is read-only.   |   |

---

## DataBuffer Property

|                    |  |  |
|--------------------|--|--|
| <b>Applies To</b>  | Btrieve File Object  |  |
| <b>Description</b> | Returns or sets the Btrieve data (record) buffer in a Btrieve file.  |  |
| <b>Syntax</b>      | <i>object</i> . <b>DataBuffer</b> [= <i>string</i> ]<br>The <b>DataBuffer</b> property syntax has these parts:                               |  |
|                    | <b>Part</b>  | <b>Description</b>   |
|                    | <i>object</i>  | A Btrieve file object                                      |
|                    | <i>string</i>  | A string expression evaluating to the Btrieve data buffer. |
| <b>Example:</b>    | btrvFile.DataBuffer = sStringVariable    'set the Btrieve databuffer<br>sStringVariable = btrvFile.DataBuffer    'get the Btrieve databuffer |  |

---

## DDFPath Property

| <b>Applies To</b>  | Btrieve File Object  |      |             |               |                       |               |   |
|--------------------|--|------|-------------|---------------|-----------------------|---------------|---|
| <b>Description</b> | Sets or returns the physical location (FilePath) of the Btrieve DDF Files (file, field,index).   |      |             |               |                       |               |   |
| <b>Syntax</b>      | <p><i>object.DDFPath</i> [= <i>string</i>]<br/> The <b>DDFPath</b> property syntax has these parts:</p> <table> <tr> <th>Part</th><th>Description</th></tr> <tr> <td><i>object</i></td><td>A Btrieve file object</td></tr> <tr> <td><i>string</i></td><td>A string expression evaluating to the physical location (file path and file name) of the Btrieve DDF files.</td></tr> </table> | Part | Description | <i>object</i> | A Btrieve file object | <i>string</i> | A string expression evaluating to the physical location (file path and file name) of the Btrieve DDF files. |
| Part               | Description  |      |             |               |                       |               |   |
| <i>object</i>      | A Btrieve file object  |      |             |               |                       |               |   |
| <i>string</i>      | A string expression evaluating to the physical location (file path and file name) of the Btrieve DDF files.  |      |             |               |                       |               |   |
| <b>Example:</b>    | <pre>btrvFile.DDFPath = sfFilepath  'set the DDFpath sfFilepath = btrvFile.DDFPath  'get the DDFpath</pre>   |      |             |               |                       |               |   |

## EOF Property

| <b>Applies To</b>  | Btrieve File Object   |         |             |               |   |                |  |
|--------------------|---|---------|-------------|---------------|---|----------------|--|
| <b>Description</b> | Returns a boolean value indicating whether the application attempted to read past the end of the file.  |         |             |               |   |                |  |
| <b>Syntax</b>      | <p><i>boolValue</i> = <i>object.EOF</i><br/> The <b>EOF</b> property syntax has these parts:</p> <table> <tr> <th>Part</th><th>Description</th></tr> <tr> <td><i>object</i></td><td>A Btrieve file object</td></tr> <tr> <td><i>boolean</i></td><td>A Boolean expression specifying if the application attempted to read past the end of the file.</td></tr> </table> | Part    | Description | <i>object</i> | A Btrieve file object                                       | <i>boolean</i> | A Boolean expression specifying if the application attempted to read past the end of the file. |
| Part               | Description   |         |             |               |   |                |  |
| <i>object</i>      | A Btrieve file object   |         |             |               |   |                |  |
| <i>boolean</i>     | A Boolean expression specifying if the application attempted to read past the end of the file.  |         |             |               |   |                |  |
| <b>Settings</b>    | <p>The settings for <i>boolean</i> are:</p> <table> <tr> <th>Setting</th><th>Description</th></tr> <tr> <td><b>True</b></td><td>The application attempted to read past the end of the file.</td></tr> <tr> <td><b>False</b></td><td>The application did not attempted to read past the end of the file.</td></tr> </table>  | Setting | Description | <b>True</b>   | The application attempted to read past the end of the file. | <b>False</b>   | The application did not attempted to read past the end of the file.                            |
| Setting            | Description   |         |             |               |   |                |  |
| <b>True</b>        | The application attempted to read past the end of the file.   |         |             |               |   |                |  |
| <b>False</b>       | The application did not attempted to read past the end of the file.   |         |             |               |   |                |  |
| <b>Remarks</b>     | This Property is read-only.   |         |             |               |   |                |  |

## ExportFileName Property

| <b>Applies To</b>  | Btrieve File Object  |      |             |               |                       |               |   |
|--------------------|--|------|-------------|---------------|-----------------------|---------------|---|
| <b>Description</b> | Returns the name of the current export file.   |      |             |               |                       |               |   |
| <b>Syntax</b>      | <p><i>string</i> = <i>object.ExportFileName</i><br/> The <b>ExportFileName</b> property syntax has these parts:</p> <table> <tr> <th>Part</th><th>Description</th></tr> <tr> <td><i>object</i></td><td>A Btrieve file object</td></tr> <tr> <td><i>string</i></td><td>A string expression evaluating to the current export file name.</td></tr> </table> | Part | Description | <i>object</i> | A Btrieve file object | <i>string</i> | A string expression evaluating to the current export file name. |
| Part               | Description  |      |             |               |                       |               |   |
| <i>object</i>      | A Btrieve file object  |      |             |               |                       |               |   |
| <i>string</i>      | A string expression evaluating to the current export file name.  |      |             |               |                       |               |   |
| <b>Example:</b>    | <pre>sfFilepath = btrvFile.ExportFileName  'get the export file name</pre>   |      |             |               |                       |               |   |

---

## ExportFileNumber Property

**Applies To** Btrieve File Object

**Description** Returns the file number of the current export file.

**Syntax** integer = *object*.**ExportFileNumber**  
The **ExportFileNumber** property syntax has these parts:

| Part           | Description   |
|----------------|---|
| <i>object</i>  | A Btrieve file object   |
| <i>integer</i> | An integer expression evaluating to the current export file number. |

**Example:** nFileNum = btrvFile.ExportFileNumber 'get the export file number

---

## FieldCount Property

**Applies To** Btrieve File Object

**Description** Returns the number of fields in the Btrieve file object.

**Syntax** integer = *object*.**FieldCount**  
The **FieldCount** property syntax has these parts:

| Part           | Description  |
|----------------|--|
| <i>object</i>  | A Btrieve file object  |
| <i>integer</i> | An integer expression evaluating to the number of fields in the Btrieve file object. |

**Remarks** The Btrieve file must be open.

**Example:** nNumFields = btrvFile.FieldCount 'get the number of fields in the Btrieve file object.

---

## FileName Property

**Applies To** Btrieve File Object

**Description** Returns the descriptive name of Btrieve file in FILE.DDF.

**Syntax** string = *object*.**FileName**  
The **FileName** property syntax has these parts:

| Part          | Description  |
|---------------|--|
| <i>object</i> | A Btrieve file object  |
| <i>string</i> | A string expression evaluating to the name of the Btrieve file in FILE.DDF |

**Example:** sFileName = btrvFile.FileName 'get the Btrieve file name.

---

## FilePath Property

| <b>Applies To</b>  | Btrieve File Object   |      |             |               |                       |               |   |
|--------------------|---|------|-------------|---------------|-----------------------|---------------|---|
| <b>Description</b> | Returns the physical location (FilePath) of the Btrieve file object.  |      |             |               |                       |               |   |
| <b>Syntax</b>      | <pre>string = object.FilePath</pre> <p>The <b>FilePath</b> property syntax has these parts:</p> <table><tr><th>Part</th><th>Description</th></tr><tr><td><i>object</i></td><td>A Btrieve file object</td></tr><tr><td><i>string</i></td><td>A string expression evaluating to the physical location (file path and file name) of the Btrieve file object.</td></tr></table> | Part | Description | <i>object</i> | A Btrieve file object | <i>string</i> | A string expression evaluating to the physical location (file path and file name) of the Btrieve file object. |
| Part               | Description   |      |             |               |                       |               |   |
| <i>object</i>      | A Btrieve file object   |      |             |               |                       |               |   |
| <i>string</i>      | A string expression evaluating to the physical location (file path and file name) of the Btrieve file object.   |      |             |               |                       |               |   |
| <b>Remarks</b>     | The Btrieve file must be open.  |      |             |               |                       |               |   |
| <b>Example:</b>    | <pre>sFilePath = btrvFile.FilePath 'get the Btrieve file path.</pre>  |      |             |               |                       |               |   |

---

## Fld() Property

| <b>Applies To</b>  | Btrieve File Object   |      |             |               |                       |             |  |
|--------------------|---|------|-------------|---------------|-----------------------|-------------|--|
| <b>Description</b> | An array that holds the data members of a Btrieve file at the current record.   |      |             |               |                       |             |  |
| <b>Syntax</b>      | <pre>vrbl = object.Fld(index)</pre> <p>The <b>Fld</b> property syntax has these parts:</p> <table><tr><th>Part</th><th>Description</th></tr><tr><td><i>object</i></td><td>A Btrieve file object</td></tr><tr><td><i>vrbl</i></td><td>Data in the Btrieve Data buffer at index location.</td></tr></table> | Part | Description | <i>object</i> | A Btrieve file object | <i>vrbl</i> | Data in the Btrieve Data buffer at index location. |
| Part               | Description   |      |             |               |                       |             |  |
| <i>object</i>      | A Btrieve file object   |      |             |               |                       |             |  |
| <i>vrbl</i>        | Data in the Btrieve Data buffer at index location.  |      |             |               |                       |             |  |
| <b>Remarks</b>     | The Btrieve file must be open.  |      |             |               |                       |             |  |
| <b>Example:</b>    | <pre>sCusName = btrvFile.Fld(nCusNameIndex) 'returns the data at nCusNameIndex</pre><br><pre>For nLoop = 0 to btrvFile.FieldCount 'loop thru all data in the record.<br/>    debug.Print btrvFile.fld(nLoop)<br/>Next nLoop</pre>   |      |             |               |                       |             |  |

---

## FldName() Property

| <b>Applies To</b>  | Btrieve File Object  |      |             |               |                       |               |                               |
|--------------------|--|------|-------------|---------------|-----------------------|---------------|-------------------------------|
| <b>Description</b> | A string array that holds the field names of a Btrieve file as defined in FILE.DDF.  |      |             |               |                       |               |                               |
| <b>Syntax</b>      | <pre>string = object.FldName(index)</pre> <p>The <b>FldName</b> property syntax has these parts:</p> <table><tr><th>Part</th><th>Description</th></tr><tr><td><i>object</i></td><td>A Btrieve file object</td></tr><tr><td><i>string</i></td><td>Field name at index location.</td></tr></table> | Part | Description | <i>object</i> | A Btrieve file object | <i>string</i> | Field name at index location. |
| Part               | Description  |      |             |               |                       |               |                               |
| <i>object</i>      | A Btrieve file object  |      |             |               |                       |               |                               |
| <i>string</i>      | Field name at index location.  |      |             |               |                       |               |                               |
| <b>Example:</b>    | <pre>sFldName = btrvFile.FldName(nIndex) 'returns the Field Name at nIndex.</pre>  |      |             |               |                       |               |                               |
| <b>Remarks</b>     | The Btrieve file must be open.   |      |             |               |                       |               |                               |

---

## FldOffset() Property

**Applies To** Btrieve File Object

**Description** An integer array that holds the field offsets of a Btrieve file.

**Syntax** integer = *object*.**FldOffset(index)**  
The **FldOffset** property syntax has these parts:

| Part           | Description                     |
|----------------|---------------------------------|
| <i>object</i>  | A Btrieve file object           |
| <i>integer</i> | Field offset at index location. |

**Example:** nFldOffset = btrvFile.FldOffset(nIndex) 'returns the Field Offset at nIndex.

**Remarks** The Btrieve file must be open.

---

## FldSize() Property

**Applies To** Btrieve File Object

**Description** An integer array that holds the field sizes for each field in a Btrieve file.

**Syntax** integer = *object*.**FldSize(index)**  
The **FldSize** property syntax has these parts:

| Part           | Description                   |
|----------------|-------------------------------|
| <i>object</i>  | A Btrieve file object         |
| <i>integer</i> | Field size at index location. |

**Example:** nFldSize = btrvFile.FldSize(nIndex) 'returns the size of the Field at nIndex.

**Remarks** The Btrieve file must be open.

---

## FldType() Property

**Applies To** Btrieve File Object

**Description** A string array that holds the field types for each field in a Btrieve file.

**Syntax** string = *object*.**FldType(index)**  
The **FldType** property syntax has these parts:

| Part          | Description                   |
|---------------|-------------------------------|
| <i>object</i> | A Btrieve file object         |
| <i>string</i> | Field type at index location. |

**Example:** sFldType = btrvFile.FldType(nIndex) 'returns the type of the Field at nIndex.

**Remarks** The Btrieve file must be open.

---

## FreeSpace10Pct Property

| <b>Applies To</b>  | Btrieve File Object  |                |                    |               |   |                |  |
|--------------------|--|----------------|--------------------|---------------|---|----------------|--|
| <b>Description</b> | Returns a value indicating whether the Btrieve file allows maintains a 10% free space threshold.   |                |                    |               |   |                |  |
| <b>Syntax</b>      | <p><code>boolValue = <i>object</i>.FreeSpace10Pct</code></p> <p>The <b>FreeSpace10Pct</b> property syntax has these parts:</p> <table><tr><th><b>Part</b></th><th><b>Description</b></th></tr><tr><td><i>object</i></td><td>A Btrieve file object</td></tr><tr><td><i>boolean</i></td><td>A Boolean expression specifying if the Btrieve file object maintains a 10% free space threshold.</td></tr></table> | <b>Part</b>    | <b>Description</b> | <i>object</i> | A Btrieve file object   | <i>boolean</i> | A Boolean expression specifying if the Btrieve file object maintains a 10% free space threshold. |
| <b>Part</b>        | <b>Description</b>   |                |                    |               |   |                |  |
| <i>object</i>      | A Btrieve file object  |                |                    |               |   |                |  |
| <i>boolean</i>     | A Boolean expression specifying if the Btrieve file object maintains a 10% free space threshold.   |                |                    |               |   |                |  |
| <b>Settings</b>    | <p>The settings for <i>boolean</i> are:</p> <table><tr><th><b>Setting</b></th><th><b>Description</b></th></tr><tr><td><b>True</b></td><td>The Btrieve file object maintains a 10% free space threshold.</td></tr><tr><td><b>False</b></td><td>The Btrieve file object does not maintain a 10% free space threshold.</td></tr></table>  | <b>Setting</b> | <b>Description</b> | <b>True</b>   | The Btrieve file object maintains a 10% free space threshold. | <b>False</b>   | The Btrieve file object does not maintain a 10% free space threshold.                            |
| <b>Setting</b>     | <b>Description</b>   |                |                    |               |   |                |  |
| <b>True</b>        | The Btrieve file object maintains a 10% free space threshold.  |                |                    |               |   |                |  |
| <b>False</b>       | The Btrieve file object does not maintain a 10% free space threshold.  |                |                    |               |   |                |  |
| <b>Remarks</b>     | This Property is read-only.  |                |                    |               |   |                |  |

---

## FreeSpace20Pct Property

| <b>Applies To</b>  | Btrieve File Object  |                |                    |               |   |                |  |
|--------------------|--|----------------|--------------------|---------------|---|----------------|--|
| <b>Description</b> | Returns a value indicating whether the Btrieve file allows maintains a 20% free space threshold.   |                |                    |               |   |                |  |
| <b>Syntax</b>      | <p><code>boolValue = <i>object</i>.FreeSpace20Pct</code></p> <p>The <b>FreeSpace20Pct</b> property syntax has these parts:</p> <table><tr><th><b>Part</b></th><th><b>Description</b></th></tr><tr><td><i>object</i></td><td>A Btrieve file object</td></tr><tr><td><i>boolean</i></td><td>A Boolean expression specifying if the Btrieve file object maintains a 20% free space threshold.</td></tr></table> | <b>Part</b>    | <b>Description</b> | <i>object</i> | A Btrieve file object   | <i>boolean</i> | A Boolean expression specifying if the Btrieve file object maintains a 20% free space threshold. |
| <b>Part</b>        | <b>Description</b>   |                |                    |               |   |                |  |
| <i>object</i>      | A Btrieve file object  |                |                    |               |   |                |  |
| <i>boolean</i>     | A Boolean expression specifying if the Btrieve file object maintains a 20% free space threshold.   |                |                    |               |   |                |  |
| <b>Settings</b>    | <p>The settings for <i>boolean</i> are:</p> <table><tr><th><b>Setting</b></th><th><b>Description</b></th></tr><tr><td><b>True</b></td><td>The Btrieve file object maintains a 20% free space threshold.</td></tr><tr><td><b>False</b></td><td>The Btrieve file object does not maintain a 20% free space threshold.</td></tr></table>  | <b>Setting</b> | <b>Description</b> | <b>True</b>   | The Btrieve file object maintains a 20% free space threshold. | <b>False</b>   | The Btrieve file object does not maintain a 20% free space threshold.                            |
| <b>Setting</b>     | <b>Description</b>   |                |                    |               |   |                |  |
| <b>True</b>        | The Btrieve file object maintains a 20% free space threshold.  |                |                    |               |   |                |  |
| <b>False</b>       | The Btrieve file object does not maintain a 20% free space threshold.  |                |                    |               |   |                |  |
| <b>Remarks</b>     | This Property is read-only.  |                |                    |               |   |                |  |

---

## FreeSpace30Pct Property

|                    |  |
|--------------------|--|
| <b>Applies To</b>  | Btrieve File Object  |
| <b>Description</b> | Returns a value indicating whether the Btrieve file allows maintains a 30% free space threshold. |

|                 |  |  |
|-----------------|--|--|
| <b>Syntax</b>   | <b>boolValue = <i>object</i>.FreeSpace30Pct</b>            |  |
|                 | The <b>FreeSpace30Pct</b> property syntax has these parts: |  |
|                 | <b>Part</b>  | <b>Description</b>   |
|                 | <i>object</i>  | A Btrieve file object  |
|                 | <i>boolean</i>   | A Boolean expression specifying if the Btrieve file object maintains a 30% free space threshold. |
| <b>Settings</b> | The settings for <i>boolean</i> are:                       |  |
|                 | <b>Setting</b>   | <b>Description</b>   |
|                 | <b>True</b>  | The Btrieve file object maintains a 30% free space threshold.                                    |
|                 | <b>False</b>   | The Btrieve file object does not maintain a 30% free space threshold.                            |
| <b>Remarks</b>  | This Property is read-only.                                |  |

## GetKeyOperation Property

|                    |  |  |
|--------------------|--|--|
| <b>Applies To</b>  | Btrieve File Object  |  |
| <b>Description</b> | Returns or sets a value indicating whether Btrieve issues a GetKey (+50) operation when retrieving records with any of the <i>object</i> .Move methods.  |  |
| <b>Syntax</b>      | <b><i>object</i>.GetKeyOperation</b> [= Boolean]   |  |
|                    | The <b>GetKeyOperation</b> property syntax has these parts:  |  |
|                    | <b>Part</b>  | <b>Description</b>   |
|                    | <i>object</i>  | A Btrieve file object  |
|                    | <i>boolean</i>   | A Boolean expression specifying if the Btrieve file object issues a Btrieve GetKey operation when executing a Get ( <i>object</i> .Move) operation . |
| <b>Settings</b>    | The settings for <i>boolean</i> are:   |  |
|                    | <b>Setting</b>   | <b>Description</b>   |
|                    | <b>True</b>  | The Btrieve file object issues a GetKey (+50) operation.   |
|                    | <b>False</b>   | The Btrieve file object does not issue a GetKey (+50).   |
| <b>Remarks</b>     | The Btrieve GetKey(+50) operation detects the presence of a key in the Btrieve file object without actually returning records to your application. Set the value of the <b>GetKeyOperation</b> property to true when you need to detect the presence of a key in a Btrieve file object. A GetKeyOperation is generally faster than its corresponding <i>object</i> .Move method. |  |

## IsExportFileOpened Property

|                    |   |  |
|--------------------|---|--|
| <b>Applies To</b>  | Btrieve File Object   |  |
| <b>Description</b> | Returns a value indicating whether the Btrieve export file is opened. |  |
| <b>Syntax</b>      | <b>boolValue = <i>object</i>.IsExportFileOpened</b>                   |  |
|                    | The <b>IsExportFileOpened</b> property syntax has these parts:        |  |
|                    | <b>Part</b>   | <b>Description</b>   |
|                    | <i>object</i>   | A Btrieve file object  |
|                    | <i>boolean</i>  | A Boolean expression specifying if the Btrieve export file is opened |



|                 |                                      |  |
|-----------------|--------------------------------------|--|
| <b>Settings</b> | The settings for <i>boolean</i> are: |  |
|                 | <b>Setting</b>                       | <b>Description</b>                     |
|                 | <b>True</b>                          | The Btrieve export file is opened.     |
|                 | <b>False</b>                         | The Btrieve export file is not opened. |
| <b>Remarks</b>  | This Property is read-only.          |  |

## KeyCount Property

|                    |   |   |
|--------------------|---|---|
| <b>Applies To</b>  | Btrieve File Object                                     |   |
| <b>Description</b> | Returns the number of Keys for the Btrieve file object. |   |
| <b>Syntax</b>      | integer = <i>object</i> . <b>KeyCount</b>               |   |
|                    | The <b>KeyCount</b> property syntax has these parts:    |   |
|                    | <b>Part</b>   | <b>Description</b>  |
|                    | <i>object</i>   | A Btrieve file object   |
|                    | <i>integer</i>  | An integer expression evaluating to the total number of keys for the currently opened Btrieve file. |
| <b>Example</b>     | nKeys = btrvFile.KeyCount                               |   |

## KeyNumber Property

|                    |  |  |
|--------------------|--|--|
| <b>Applies To</b>  | Btrieve File Object  |  |
| <b>Description</b> | Sets or returns the Key Number for the Btrieve file object.  |  |
| <b>Syntax</b>      | <i>object</i> . <b>KeyNumber</b> [= <i>integer</i> ]   |  |
|                    | The <b>KeyNumber</b> property syntax has these parts:  |  |
|                    | <b>Part</b>  | <b>Description</b>   |
|                    | <i>object</i>  | A Btrieve file object  |
|                    | <i>integer</i>   | An integer expression evaluating to a valid Key Number for the currently open Btrieve file object Btrieve. |
| <b>Remarks</b>     | The Key Number will not be set if the user attempts to set the key number < 0 or > <i>object</i> .NumIndexes |  |

## KeyOnlyFile Property

|                    |  |                       |
|--------------------|--|-----------------------|
| <b>Applies To</b>  | Btrieve File Object  |                       |
| <b>Description</b> | Returns a value indicating whether the Btrieve created the file as key only. |                       |
| <b>Syntax</b>      | boolValue = <i>object</i> . <b>KeyOnlyFile</b>                               |                       |
|                    | The <b>KeyOnlyFile</b> property syntax has these parts:                      |                       |
|                    | <b>Part</b>  | <b>Description</b>    |
|                    | <i>object</i>  | A Btrieve file object |

|                 |                                      |   |
|-----------------|--------------------------------------|---|
|                 | <i>boolean</i>                       | A Boolean expression specifying if the Btrieve file object was created as key only. |
| <b>Settings</b> | The settings for <i>boolean</i> are: |   |
|                 | <b>Setting</b>                       | <b>Description</b>  |
|                 | <b>True</b>                          | The Btrieve file object was created as key only.                                    |
|                 | <b>False</b>                         | The Btrieve file object was not created as key only.                                |
| <b>Remarks</b>  | This Property is read-only.          |   |

---

## KeyRecordCount Property

|                    |   |  |
|--------------------|---|--|
| <b>Applies To</b>  | Btrieve File Object   |  |
| <b>Description</b> | Returns the number of records for the specified key in the Btrieve file object.                             |  |
| <b>Syntax</b>      | long = <i>object</i> . <b>KeyRecordCount</b> (nKey)<br>The <b>KeyCount</b> property syntax has these parts: |  |
|                    | <b>Part</b>   | <b>Description</b>   |
|                    | <i>object</i>   | A Btrieve file object  |
|                    | <i>long</i>   | A long value evaluating to the total number of records for the specified key in the opened Btrieve file. |
| <b>Remarks</b>     | If nKey is omitted then the number of records for the currently set KeyNumber is returned.                  |  |
| <b>Example</b>     | IRecs = btrvFile.KeyRecordCount(1)  | 'number of records for key 1   |
|                    | IRecs = btrvFile.KeyRecordCount   | 'number of records for current key   |

---

## NoMatch Property

|                    |   |  |
|--------------------|---|--|
| <b>Applies To</b>  | Btrieve File Object   |  |
| <b>Description</b> | Returns a value indicating whether a particular record was found using the <b>Find</b> method.    |  |
| <b>Syntax</b>      | boolValue = <i>object</i> . <b>NoMatch</b><br>The <b>NoMatch</b> property syntax has these parts: |  |
|                    | <b>Part</b>   | <b>Description</b>                                       |
|                    | <i>object</i>   | A Btrieve file object                                    |
|                    | <i>boolean</i>  | A Boolean expression specifying if the record was found. |
| <b>Settings</b>    | The settings for <i>boolean</i> are:  |  |
|                    | <b>Setting</b>  | <b>Description</b>                                       |
|                    | <b>True</b>   | The record was found.                                    |
|                    | <b>False</b>  | The record was not found.                                |
| <b>Remarks</b>     | This Property is read-only.   |  |
| <b>Example</b>     | btrvFile.Find "=", IAccountNumber   |  |

```

If btrvFile.NoMatch Then
Else
End If

```

---

## NumKeys Property

**Applies To** Btrieve File Object

**Description** Returns the Number of keys for the currently open Btrieve file object.

**Syntax** integer value = *object*.**NumKeys**  
The **NumKeys** property syntax has these parts:

| Part           | Description   |
|----------------|---|
| <i>object</i>  | A Btrieve file object   |
| <i>integer</i> | An integer expression evaluating to the number of keys for the currently open Btrieve file. |

**Remarks** This Property is read-only.

---

## Opened Property

**Applies To** Btrieve File Object

**Description** Returns a value indicating whether the Btrieve file is opened.

**Syntax** boolValue = *object*.**Opened**  
The **Opened** property syntax has these parts:

| Part           | Description   |
|----------------|---|
| <i>object</i>  | A Btrieve file object   |
| <i>boolean</i> | A Boolean expression specifying if the Btrieve file object is currently open. |

**Settings** The settings for *boolean* are:

| Setting      | Description                   |
|--------------|-------------------------------|
| <b>True</b>  | The Btrieve file is open.     |
| <b>False</b> | The Btrieve file is not open. |

**Remarks** This Property is read-only.

---

## OpenMode Property

**Applies To** Btrieve File Object

**Description** Sets or gets the open mode of the Btrieve file object.

**Syntax** *object*.**OpenMode** [= *integer*]  
The **OpenMode** property syntax has these parts:

| Part | Description |
|------|-------------|
|------|-------------|

---

|                |   |  |
|----------------|---|--|
|                | <i>object</i><br><i>integer</i>   | A Btrieve file object<br>The Btrieve Open Mode for the Btrieve file. |
| <b>Remarks</b> | The Btrieve open modes are:<br>Normal = 0<br>Accelerated = -1<br>ReadOnly = -2<br>Verify = -3<br>Exclusive = -4 |  |
| <b>Example</b> | nMode = btrvFile.OpenMode<br>btrvFile.OpenMode = nMode  | 'return the open mode<br>'set the open mode                          |

---

## OwnerName Property

| <b>Applies To</b>  | Btrieve File Object  |      |             |               |                       |               |   |
|--------------------|--|------|-------------|---------------|-----------------------|---------------|---|
| <b>Description</b> | Sets or gets the owner name of the Btrieve file object.  |      |             |               |                       |               |   |
| <b>Syntax</b>      | <p><i>object</i>.<b>OwnerName</b> [= <i>string</i>]</p> <p>The <b>OwnerName</b> property syntax has these parts:</p> <table><tr><th>Part</th><th>Description</th></tr><tr><td><i>object</i></td><td>A Btrieve file object</td></tr><tr><td><i>string</i></td><td>The owner name for the Btrieve file object.</td></tr></table> | Part | Description | <i>object</i> | A Btrieve file object | <i>string</i> | The owner name for the Btrieve file object. |
| Part               | Description  |      |             |               |                       |               |   |
| <i>object</i>      | A Btrieve file object  |      |             |               |                       |               |   |
| <i>string</i>      | The owner name for the Btrieve file object.  |      |             |               |                       |               |   |
| <b>Example</b>     | <pre>sOwner = btrvFile.OwnerName 'return the owner name btrvFile.OpenMode = sOwner 'set the owner name</pre>   |      |             |               |                       |               |   |

## PageSize Property

| <b>Applies To</b>  | Btrieve File Object  |      |             |               |                       |                |  |
|--------------------|--|------|-------------|---------------|-----------------------|----------------|--|
| <b>Description</b> | Returns the page size for the currently open Btrieve file object.  |      |             |               |                       |                |  |
| <b>Syntax</b>      | <p>integer value = <i>object</i>.<b>PageSize</b></p> <p>The <b>PageSize</b> property syntax has these parts:</p> <table><tr><th>Part</th><th>Description</th></tr><tr><td><i>object</i></td><td>A Btrieve file object</td></tr><tr><td><i>integer</i></td><td>An integer expression evaluating to the page size of the currently open Btrieve file object.</td></tr></table> | Part | Description | <i>object</i> | A Btrieve file object | <i>integer</i> | An integer expression evaluating to the page size of the currently open Btrieve file object. |
| Part               | Description  |      |             |               |                       |                |  |
| <i>object</i>      | A Btrieve file object  |      |             |               |                       |                |  |
| <i>integer</i>     | An integer expression evaluating to the page size of the currently open Btrieve file object.   |      |             |               |                       |                |  |
| <b>Remarks</b>     | This Property is read-only.  |      |             |               |                       |                |  |

## PercentByPosition Property

|                    |   |  |
|--------------------|---|--|
| <b>Applies To</b>  | Btrieve File Object   |  |
| <b>Description</b> | Returns the percent by position for the Btrieve file.   |  |
| <b>Syntax</b>      | integer value = <i>object</i> . <b>PercentByPosition</b><br>The <b>PercentByPosition</b> property syntax has these parts: |  |

| <b>Part</b>    | <b>Description</b>  |
|----------------|---|
| <i>object</i>  | A Btrieve file object   |
| <i>integer</i> | An integer expression evaluating to the percent by position of the specified Btrieve file object. |

**Remarks** This Property is read-only.

---

## PreAllocatedPages Property

**Applies To** Btrieve File Object

**Description** Returns a value indicating whether the Btrieve was created with PreAllocatedPages.

**Syntax** boolValue = *object*.**PreAllocatedPages**

The **PreAllocatedPages** property syntax has these parts:

| <b>Part</b>    | <b>Description</b>   |
|----------------|--|
| <i>object</i>  | A Btrieve file object  |
| <i>boolean</i> | A Boolean expression specifying if the Btrieve file object was created with PreAllocatedPages. |

**Settings** The settings for *boolean* are:

| <b>Setting</b> | <b>Description</b>                                       |
|----------------|--|
| <b>True</b>    | The Btrieve file was created with PreAllocatedPages.     |
| <b>False</b>   | The Btrieve file was not created with PreAllocatedPages. |

**Remarks** This Property is read-only.

---

## RecordLength Property

**Applies To** Btrieve File Object

**Description** Returns the record length of opened Btrieve file object.

**Syntax** integer value = *object*.**RecordLength**

The **RecordLength** property syntax has these parts:

| <b>Part</b>    | <b>Description</b>  |
|----------------|---|
| <i>object</i>  | A Btrieve file object   |
| <i>integer</i> | An integer expression evaluating to the record length of the specified Btrieve file object. |

**Remarks** This Property is read-only.

---

## RecordCount Property

**Applies To** Btrieve File Object

**Description** Returns the total number of records in the opened Btrieve file object.

**Syntax** long value = *object*.**RecordCount**

The **RecordLength** property syntax has these parts:

| Part          | Description   |
|---------------|---|
| <i>object</i> | A Btrieve file object   |
| <i>long</i>   | An integer expression evaluating to the total number of records in an open Btrieve file object. |

**Remarks** This Property is read-only.

---

## RecordLocks Property

**Applies To** Btrieve File Object

**Description** Sets or returns the type of record locking set for the opened Btrieve file object.

**Syntax** *object*.**RecordLocks** = [*integer*]  
The **RecordLocks** property syntax has these parts:

| Part           | Description  |
|----------------|--|
| <i>object</i>  | A Btrieve file object  |
| <i>integer</i> | An integer expression evaluating to the type of record locking set for the opened Btrieve file object. |

**Remarks** This Property is read-only.

---

## RecordNumber Property

**Applies To** Btrieve File Object

**Description** Returns the current record number of the opened Btrieve file object.

**Syntax** *long value* = *object*.**RecordNumber**  
The **RecordNumber** property syntax has these parts:

| Part          | Description  |
|---------------|--|
| <i>object</i> | A Btrieve file object  |
| <i>long</i>   | An integer expression evaluating to the current record number of the open Btrieve file object. |

**Remarks** This Property is read-only.

---

## Stat Property

**Applies To** Btrieve File Object

**Description** Returns the Btrieve Record Manager status code for a file operation.

**Syntax** *integerValue* = *object*.**Stat**  
The **Stat** property syntax has these parts:

| Part           | Description   |
|----------------|---|
| <i>object</i>  | A Btrieve file object   |
| <i>integer</i> | An integer expression evaluating to the Btrieve Record Manager status code. |

---

## TruncateTrailingBlanks Property

| <b>Applies To</b>  | Btrieve File Object  |         |             |               |   |                |   |
|--------------------|--|---------|-------------|---------------|---|----------------|---|
| <b>Description</b> | Returns a value indicating whether the Btrieve truncates trailing blanks.  |         |             |               |   |                |   |
| <b>Syntax</b>      | <p><code>boolValue = object.TruncateTrailingBlanks</code></p> <p>The <b>TruncateTrailingBlanks</b> property syntax has these parts:</p> <table><tr><th>Part</th><th>Description</th></tr><tr><td><i>object</i></td><td>A Btrieve file object</td></tr><tr><td><i>boolean</i></td><td>A Boolean expression specifying if the Btrieve file object truncates trailing blanks.</td></tr></table> | Part    | Description | <i>object</i> | A Btrieve file object                       | <i>boolean</i> | A Boolean expression specifying if the Btrieve file object truncates trailing blanks. |
| Part               | Description  |         |             |               |   |                |   |
| <i>object</i>      | A Btrieve file object  |         |             |               |   |                |   |
| <i>boolean</i>     | A Boolean expression specifying if the Btrieve file object truncates trailing blanks.  |         |             |               |   |                |   |
| <b>Settings</b>    | <p>The settings for <i>boolean</i> are:</p> <table><tr><th>Setting</th><th>Description</th></tr><tr><td><b>True</b></td><td>The Btrieve file truncates trailing blanks.</td></tr><tr><td><b>False</b></td><td>The Btrieve file does not truncates trailing blanks.</td></tr></table>   | Setting | Description | <b>True</b>   | The Btrieve file truncates trailing blanks. | <b>False</b>   | The Btrieve file does not truncates trailing blanks.                                  |
| Setting            | Description  |         |             |               |   |                |   |
| <b>True</b>        | The Btrieve file truncates trailing blanks.  |         |             |               |   |                |   |
| <b>False</b>       | The Btrieve file does not truncates trailing blanks.   |         |             |               |   |                |   |
| <b>Remarks</b>     | This Property is read-only.  |         |             |               |   |                |   |

---

## UnusedPages Property

| <b>Applies To</b>  | Btrieve File Object  |      |             |               |                       |                |   |
|--------------------|--|------|-------------|---------------|-----------------------|----------------|---|
| <b>Description</b> | Returns the number of unused pages for opened Btrieve file object.   |      |             |               |                       |                |   |
| <b>Syntax</b>      | <p><code>integer value = object.UnusedPages</code></p> <p>The <b>UnusedPages</b> property syntax has these parts:</p> <table><tr><th>Part</th><th>Description</th></tr><tr><td><i>object</i></td><td>A Btrieve file object</td></tr><tr><td><i>integer</i></td><td>An integer expression evaluating to the number of unused pages in the currently open Btrieve file object.</td></tr></table> | Part | Description | <i>object</i> | A Btrieve file object | <i>integer</i> | An integer expression evaluating to the number of unused pages in the currently open Btrieve file object. |
| Part               | Description  |      |             |               |                       |                |   |
| <i>object</i>      | A Btrieve file object  |      |             |               |                       |                |   |
| <i>integer</i>     | An integer expression evaluating to the number of unused pages in the currently open Btrieve file object.  |      |             |               |                       |                |   |
| <b>Remarks</b>     | This Property is read-only.  |      |             |               |                       |                |   |

---

## btClose Method

| <b>Applies To</b>  | Btrieve File Object  |      |             |               |                       |
|--------------------|--|------|-------------|---------------|-----------------------|
| <b>Description</b> | Closes a previously opened Btrieve file object.  |      |             |               |                       |
| <b>Syntax</b>      | <p><code>object.btClose</code></p> <p>The <b>btClose</b> method syntax has these parts:</p> <table><tr><th>Part</th><th>Description</th></tr><tr><td><i>object</i></td><td>A Btrieve file object</td></tr></table> | Part | Description | <i>object</i> | A Btrieve file object |
| Part               | Description  |      |             |               |                       |
| <i>object</i>      | A Btrieve file object  |      |             |               |                       |
| <b>Example</b>     | <code>btrvFile.btClose</code>  |      |             |               |                       |

---

## btOpen Method

| <b>Applies To</b>  | Btrieve File Object  |      |             |               |                       |                  |   |                 |   |
|--------------------|--|------|-------------|---------------|-----------------------|------------------|---|-----------------|---|
| <b>Description</b> | Opens a Btrieve file object.   |      |             |               |                       |                  |   |                 |   |
| <b>Syntax</b>      | <i>object</i> .btOpen( <i>vFileName</i> As Variant, Optional <i>vDDFPath</i> As Variant)<br><br>The <b>btOpen</b> method syntax has these parts:<br><table> <tr> <th>Part</th><th>Description</th></tr> <tr> <td><i>object</i></td><td>A Btrieve file object</td></tr> <tr> <td><i>vFileName</i></td><td>A Btrieve file name as it appears in FILE.DDF</td></tr> <tr> <td><i>vDDFPath</i></td><td>The file path to FILE, FIELD, and INDEX.DDF</td></tr> </table> | Part | Description | <i>object</i> | A Btrieve file object | <i>vFileName</i> | A Btrieve file name as it appears in FILE.DDF | <i>vDDFPath</i> | The file path to FILE, FIELD, and INDEX.DDF |
| Part               | Description  |      |             |               |                       |                  |   |                 |   |
| <i>object</i>      | A Btrieve file object  |      |             |               |                       |                  |   |                 |   |
| <i>vFileName</i>   | A Btrieve file name as it appears in FILE.DDF  |      |             |               |                       |                  |   |                 |   |
| <i>vDDFPath</i>    | The file path to FILE, FIELD, and INDEX.DDF  |      |             |               |                       |                  |   |                 |   |
| <b>Remarks</b>     | You may omit <i>vDDFPath</i> if FILE, FIELD, and INDEX.DDF are in the current application directory.   |      |             |               |                       |                  |   |                 |   |
| <b>Example</b>     | btrvFile.btOpen(sCusFileName, sCusFilePath)<br>btrvFile.btOpen(sCusFileName)   |      |             |               |                       |                  |   |                 |   |

---

## ClearOwner Method

| <b>Applies To</b>  | Btrieve File Object  |      |             |               |                       |
|--------------------|--|------|-------------|---------------|-----------------------|
| <b>Description</b> | Clears the owner for a Btrieve file object.  |      |             |               |                       |
| <b>Syntax</b>      | <i>object</i> .ClearOwner<br><br>The <b>ClearOwner</b> method syntax has these parts:<br><table> <tr> <th>Part</th><th>Description</th></tr> <tr> <td><i>object</i></td><td>A Btrieve file object</td></tr> </table> | Part | Description | <i>object</i> | A Btrieve file object |
| Part               | Description  |      |             |               |                       |
| <i>object</i>      | A Btrieve file object  |      |             |               |                       |
| <b>Example</b>     | btrvFile.ClearOwner  |      |             |               |                       |

---

## CloseExportFile Method

| <b>Applies To</b>  | Btrieve File Object  |      |             |               |                       |
|--------------------|--|------|-------------|---------------|-----------------------|
| <b>Description</b> | Closes a currently open Export File.   |      |             |               |                       |
| <b>Syntax</b>      | <i>object</i> .CloseExportFile<br><br>The <b>CloseExportFile</b> method syntax has these parts:<br><table> <tr> <th>Part</th><th>Description</th></tr> <tr> <td><i>object</i></td><td>A Btrieve file object</td></tr> </table> | Part | Description | <i>object</i> | A Btrieve file object |
| Part               | Description  |      |             |               |                       |
| <i>object</i>      | A Btrieve file object  |      |             |               |                       |
| <b>Example</b>     | btrvFile.CloseExportFile   |      |             |               |                       |

---

## Delete Method

|                   |                     |
|-------------------|---------------------|
| <b>Applies To</b> | Btrieve File Object |
|-------------------|---------------------|



**Description** Deletes the current record in an opened Btrieve file object.

**Syntax** *object.Delete*

The **Delete** method syntax has these parts:

| <b>Part</b>   | <b>Description</b>    |
|---------------|-----------------------|
| <i>object</i> | A Btrieve file object |

**Example** *btrvFile.Delete*

---

## Export Method

**Applies To** Btrieve File Object

**Description** Exports data (ASCII) in the current record of an opened Btrieve file object.

**Syntax** *object.Export*

The **Export** method syntax has these parts:

| <b>Part</b>   | <b>Description</b>    |
|---------------|-----------------------|
| <i>object</i> | A Btrieve file object |

**Example** 'export all records in a Btrieve file  
*btrvFile.btOpen("customers")*  
*btrvFile.MoveFirst*  
Do While Not *btrvFile.EOF*  
    *btrvFile.Export*  
    *btrvFile.MoveNext*  
Loop  
*btrvFile.btClose*

---

## Find Method

**Applies To** Btrieve File Object

**Description** Locates a record in a Btrieve file object.

**Syntax** *object.Find(sOp As String, ParamArray IndexVals())*

The **Find** method syntax has these parts:

| <b>Part</b>        | <b>Description</b>   |
|--------------------|--|
| <i>object</i>      | A Btrieve file object  |
| <i>sOp</i>         | 'Find' operation code (see below).                             |
| <i>IndexVals()</i> | VB ParamArray containing variable number of values for lookup. |

**Remarks** The valid sOp find codes are:

|      |                    |
|------|--------------------|
| "="  | Equal              |
| "<"  | Less Than          |
| "<=" | Less Than or Equal |
| ">"  | Greater            |
| ">=" | Greater or Equal   |

each Account IndexVals() values to 0 or

The values in the ParamArray() map to index values for the currently set index in the Btrieve file object. You do not have to include a lookup value for segment of the current key. For example, if your key is defined as Number + Date, you can specify only the account number in the ParamArray and the class will default all other unspecified key empty string.

**Example**

```
btrvFile.Find("=", IAcctNum)
btrvFile.Find("=", IAcctNum, date$)
btrvFile.Find("=", "Name", 123, "01/12/96")
```

---

## GetDirect Method

**Applies To** Btrieve File Object

**Description** Locates a record in a Btrieve file object.

**Syntax** *object*.GetDirect(IRecNum As Long)

The **GetDirect** method syntax has these parts:

| Part           | Description   |
|----------------|---|
| <i>object</i>  | A Btrieve file object   |
| <i>IRecNum</i> | A long integer value that evaluates to a valid Btrieve record number. |

**Example** btrvFile.GetDirect(IRecNum)

---

## GetPosition Method

**Applies To** Btrieve File Object

**Description** Returns a long integer that evaluates to a Btrieve record number.

**Syntax** *object*.GetPosition

The **GetPosition** method syntax has these parts:

| Part          | Description           |
|---------------|-----------------------|
| <i>object</i> | A Btrieve file object |

**Example** IRecNum = btrvFile.GetPosition

---

## Insert Method

**Applies To** Btrieve File Object

**Description** Inserts a record into a Btrieve file.

**Syntax** *object*.Insert

The **Insert** method syntax has these parts:

|                | <b>Part</b>   | <b>Description</b>    |
|----------------|---|-----------------------|
|                | <i>object</i>   | A Btrieve file object |
| <b>Example</b> | btrvFile.Fld(0) = lAcctNum<br>btrvFile.Fld(1) = sCusName<br>btrvFile.Fld(2) = sAddress<br>btrvFile.Insert |                       |

## KillExportFile Method

| <b>Applies To</b>  | Btrieve File Object   |             |                    |               |                       |
|--------------------|---|-------------|--------------------|---------------|-----------------------|
| <b>Description</b> | Deletes an exportfile.  |             |                    |               |                       |
| <b>Syntax</b>      | <i>object</i> .KillExportFile<br><br>The <b>KillExportFile</b> method syntax has these parts: <table> <tr> <th><b>Part</b></th><th><b>Description</b></th></tr> <tr> <td><i>object</i></td><td>A Btrieve file object</td></tr> </table> | <b>Part</b> | <b>Description</b> | <i>object</i> | A Btrieve file object |
| <b>Part</b>        | <b>Description</b>  |             |                    |               |                       |
| <i>object</i>      | A Btrieve file object   |             |                    |               |                       |
| <b>Example</b>     | btrvFile.KillExportFile   |             |                    |               |                       |

## LoadListBox Method

| <b>Applies To</b>   | Btrieve File Object   |             |                    |               |                       |            |                                  |                     |  |                     |  |                  |   |                 |                                |
|---------------------|---|-------------|--------------------|---------------|-----------------------|------------|----------------------------------|---------------------|--|---------------------|--|------------------|---|-----------------|--------------------------------|
| <b>Description</b>  | Loads a Listbox or Combobox with the contents of a Btrieve file.  |             |                    |               |                       |            |                                  |                     |  |                     |  |                  |   |                 |                                |
| <b>Syntax</b>       | <i>object</i> .Loadlistbox( <i>ctl</i> As Control, _<br><i>nFld2Display</i> As Integer, _<br><i>nItemDataFld</i> As Integer, _<br><i>vFileName</i> As Variant, _<br>Optional <i>vDDFPath</i> As Variant)  |             |                    |               |                       |            |                                  |                     |  |                     |  |                  |   |                 |                                |
|                     | The <b>LoadListBox</b> method syntax has these parts: <table> <tr> <th><b>Part</b></th><th><b>Description</b></th></tr> <tr> <td><i>object</i></td><td>A Btrieve file object</td></tr> <tr> <td><i>ctl</i></td><td>Name of the Listbox or Comboxbox</td></tr> <tr> <td><i>nFld2Display</i></td><td>Btrieve file field number data to display in the control</td></tr> <tr> <td><i>nItemDataFld</i></td><td>Btrieve file field number data to put in the <i>ctl</i>.ItemData() array.</td></tr> <tr> <td><i>vFileName</i></td><td>The Btrieve file name as it appears in FILE.DDF</td></tr> <tr> <td><i>vDDFPath</i></td><td>Path to FILE, FIELD, INDEX.DDF</td></tr> </table> | <b>Part</b> | <b>Description</b> | <i>object</i> | A Btrieve file object | <i>ctl</i> | Name of the Listbox or Comboxbox | <i>nFld2Display</i> | Btrieve file field number data to display in the control | <i>nItemDataFld</i> | Btrieve file field number data to put in the <i>ctl</i> .ItemData() array. | <i>vFileName</i> | The Btrieve file name as it appears in FILE.DDF | <i>vDDFPath</i> | Path to FILE, FIELD, INDEX.DDF |
| <b>Part</b>         | <b>Description</b>  |             |                    |               |                       |            |                                  |                     |  |                     |  |                  |   |                 |                                |
| <i>object</i>       | A Btrieve file object   |             |                    |               |                       |            |                                  |                     |  |                     |  |                  |   |                 |                                |
| <i>ctl</i>          | Name of the Listbox or Comboxbox  |             |                    |               |                       |            |                                  |                     |  |                     |  |                  |   |                 |                                |
| <i>nFld2Display</i> | Btrieve file field number data to display in the control  |             |                    |               |                       |            |                                  |                     |  |                     |  |                  |   |                 |                                |
| <i>nItemDataFld</i> | Btrieve file field number data to put in the <i>ctl</i> .ItemData() array.  |             |                    |               |                       |            |                                  |                     |  |                     |  |                  |   |                 |                                |
| <i>vFileName</i>    | The Btrieve file name as it appears in FILE.DDF   |             |                    |               |                       |            |                                  |                     |  |                     |  |                  |   |                 |                                |
| <i>vDDFPath</i>     | Path to FILE, FIELD, INDEX.DDF  |             |                    |               |                       |            |                                  |                     |  |                     |  |                  |   |                 |                                |
| <b>Remarks</b>      | If <i>vDDFPath</i> is ommited, the current application path is used.<br>If <i>nItemDataFld</i> is set to -1 the ItemData() array WILL NOT BE LOADED.  |             |                    |               |                       |            |                                  |                     |  |                     |  |                  |   |                 |                                |
| <b>Example</b>      | btrvFile.LoadListBox(lstCus, _<br>nCusNameFld,<br>nCusAcctNumFld,<br>"Customer File",   |             |                    |               |                       |            |                                  |                     |  |                     |  |                  |   |                 |                                |

```

        "c:\customers")

btrvFile.LoadListBox(cboCus, _
                    nCusNameFld,
                    nCusAcctNumFld,
                    "Customer File")

```

---

## MoveFirst Method

| <b>Applies To</b>  | Btrieve File Object                                       |
|--------------------|---|
| <b>Description</b> | Move to the first record in an opened Btrieve file object |
| <b>Syntax</b>      | <i>object</i> .MoveFirst                                  |
|                    | The <b>MoveFirst</b> method syntax has these parts:       |
| <b>Part</b>        | <b>Description</b>  |
| <i>object</i>      | A Btrieve file object                                     |
| <b>Example</b>     | btrvFile.MoveFirst  |

---

## MoveLast Method

| <b>Applies To</b>  | Btrieve File Object                                      |
|--------------------|--|
| <b>Description</b> | Move to the last record in an opened Btrieve file object |
| <b>Syntax</b>      | <i>object</i> .MoveLast                                  |
|                    | The <b>MoveLast</b> method syntax has these parts:       |
| <b>Part</b>        | <b>Description</b>                                       |
| <i>object</i>      | A Btrieve file object                                    |
| <b>Example</b>     | btrvFile.MoveLast  |

---

## MoveNext Method

| <b>Applies To</b>  | Btrieve File Object   |
|--------------------|---|
| <b>Description</b> | Move to the next record in an opened Btrieve file object  |
| <b>Syntax</b>      | <i>object</i> .MoveNext   |
|                    | The <b>MoveNext</b> method syntax has these parts:  |
| <b>Part</b>        | <b>Description</b>  |
| <i>object</i>      | A Btrieve file object   |
| <b>Example</b>     | <pre> btrvFile.btOpen("Customers") btrvFile.MoveFirst Do While not btrvFile.EOF     btrvFile.MoveNext Loop </pre> |

## MovePrevious Method

**Applies To** Btrieve File Object

**Description** Move to the previous record in an opened Btrieve file object

**Syntax** *object*.MovePrevious

The **MovePrevious** method syntax has these parts:

| Part          | Description           |
|---------------|-----------------------|
| <i>object</i> | A Btrieve file object |

**Example**

```
btrvFile.btOpen("Customers")
btrvFile.MoveLast
Do While not btrvFile.BOF
    btrvFile.MovePrevious
Loop
btrvFile.btClose
```

---

## OpenExportFile Method

**Applies To** Btrieve File Object

**Description** Open an Export file.

**Syntax** *object*.OpenExportFile(sFName As String, Optional vMode)

The **OpenExportFile** method syntax has these parts:

| Part          | Description                |
|---------------|----------------------------|
| <i>object</i> | A Btrieve file object      |
| <i>sFName</i> | DOS file name              |
| <i>vMode</i>  | File open mode (see below) |

**Remarks** vMode:  
    Overwrite = 0  
    Append = 1  
If vMode is not specified the default Export File OpenMode is Overwrite.

**Example**

```
btrvFile.OpenExportFile("Customers.txt")    'opens for Overwrite
btrvFile.OpenExportFile("Customers.txt",1)  'opens for Append
```

---

## RecordLocksClear Method

**Applies To** Btrieve File Object

**Description** Clear the currently set record lock value.

**Syntax** *object*.RecordLocksClear

The **RecordLocksClear** method syntax has these parts:

| <b>Part</b>   | <b>Description</b>    |
|---------------|-----------------------|
| <i>object</i> | A Btrieve file object |

**Example**      `btrvFile.RecordLocksClear`

---

## SetOwner Method

**Applies To**      Btrieve File Object

**Description**      Set the owner name for the specified Btrieve file object.

**Syntax**          `object.SetOwner(sOwner As String, Optional vAccessControl)`

The **SetOwner** method syntax has these parts:

| <b>Part</b>           | <b>Description</b>          |
|-----------------------|-----------------------------|
| <i>object</i>         | A Btrieve file object       |
| <i>sOwner</i>         | Owner name                  |
| <i>vAccessControl</i> | Allowed access (see below). |

**Remarks**      Require Owner NoEncrypt = 0  
                    NoOwner ReadOnlyNoEncrypt = 1  
                    Require Owner Encrypt = 2  
                    NoOwner ReadOnlyEncrypt = 3

                    If *vAccessControl* is not specified then the default is:  
                            Require Owner NoEncrypt

**Example**          `btrvFile.RecordLocksClear`  
                    `btrvFile.RecordLocksClear(1)`

---

## StepFirst Method

**Applies To**      Btrieve File Object

**Description**      Step to the first record in an opened Btrieve file object

**Syntax**          `object.StepFirst`

The **StepFirst** method syntax has these parts:

| <b>Part</b>   | <b>Description</b>    |
|---------------|-----------------------|
| <i>object</i> | A Btrieve file object |

**Example**          `btrvFile.StepFirst`

---

## StepLast Method

**Applies To**      Btrieve File Object

**Description**      Step to the last record in an opened Btrieve file object

**Syntax**      *object*.StepLast

The **StepLast** method syntax has these parts:

| <b>Part</b>   | <b>Description</b>    |
|---------------|-----------------------|
| <i>object</i> | A Btrieve file object |

**Example**      btrvFile.StepLast

---

## StepNext Method

**Applies To**    Btrieve File Object

**Description**   Step to the next record in an opened Btrieve file object

**Syntax**        *object*.StepNext

The **StepNext** method syntax has these parts:

| <b>Part</b>   | <b>Description</b>    |
|---------------|-----------------------|
| <i>object</i> | A Btrieve file object |

**Example**        btrvFile.btOpen("Customers")  
                  btrvFile.StepFirst  
                  Do While not btrvFile.EOF  
                      btrvFile.StepNext  
                  Loop  
                  btrvFile.btClose

---

## StepPrevious Method

**Applies To**    Btrieve File Object

**Description**   Step to the previous record in an opened Btrieve file object

**Syntax**        *object*.StepPrevious

The **StepPrevious** method syntax has these parts:

| <b>Part</b>   | <b>Description</b>    |
|---------------|-----------------------|
| <i>object</i> | A Btrieve file object |

**Example**        btrvFile.btOpen("Customers")  
                  btrvFile.StepLast  
                  Do While not btrvFile.BOF  
                      btrvFile.StepPrevious  
                  Loop  
                  btrvFile.btClose

---

## UnLockRecord Method

**Applies To**    Btrieve File Object

|                    |   |                                |
|--------------------|---|--------------------------------|
| <b>Description</b> | Unlock a locked record in a Btrieve file object.                        |                                |
| <b>Syntax</b>      | <i>object</i> .UnlockRecord(Optional vRec_Num)                          |                                |
|                    | The <b>unlockRecord</b> method syntax has these parts:                  |                                |
|                    | <b>Part</b>   | <b>Description</b>             |
|                    | <i>object</i>   | A Btrieve file object          |
|                    | <i>vRec_Num</i>   | Record Number to unlock        |
| <b>Remarks</b>     | If <i>vRec_Num</i> is not specified, all lock records will be unlocked. |                                |
| <b>Example</b>     | btrvFile.UnlockRecord   | 'unlock all locked records     |
|                    | btrvFile.UnlockRecord(Rec_Num)  | 'unlock specific locked record |

---

## Update Method

|                    |   |                       |
|--------------------|---|-----------------------|
| <b>Applies To</b>  | Btrieve File Object   |                       |
| <b>Description</b> | Updates a record in a Btrieve file.   |                       |
| <b>Syntax</b>      | <i>object</i> .Update   |                       |
|                    | The <b>Update</b> method syntax has these parts:  |                       |
|                    | <b>Part</b>   | <b>Description</b>    |
|                    | <i>object</i>   | A Btrieve file object |
| <b>Example</b>     | btrvFile.Fld(0) = lAcctNum<br>btrvFile.Fld(1) = sCusName<br>btrvFile.Fld(2) = sAddress<br>btrvFile.Update |                       |

---