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Description

ZipInf is a Visual Basic custom control that lets you find out what files are in the ZIP file and lots of information about those files.   ZipInf does not compress or decompress data.

File Name

ZIPINF1.VBX

Object Type

MabryZipInfo

Compatibility

VB 2.0 and above

Distribution Note   When you develop and distribute an application that uses ZipInf, you should install the file ZIPINF1.VBX into the users Windows SYSTEM directory.   ZipInf has version information built into it.   So, during installation, you should ensure that you are not overwriting a newer version of ZipInf.

Properties

All of the properties that apply to this control are in this table.   Properties that have special meaning for this control or that only apply to this control are marked with an asterisk (*).

Align	*ItemCRC	*ItemUncompressed
*DateFormat	*ItemDate	Left
Enabled	*ItemFileComment	*ListCount
*FileComment	*ItemFileName	Name
*FileName	*ItemMethod	Tag
*ItemCompressed	*ItemTime	Top

Enabled is the default value for the control.

DateFormat Property

Description

Determines the format of the date used by the ItemDate property.

Usage

[*form.*][*control.*]**DateFormat**[= *date string*]

Remarks

Setting this property determines the format used by the ItemDate propItemDate property.   This can be used to override the international settings found in WIN.INI.   Using this property can ensure that you always get a date formatted in a specific fashion.   If you leave it to the format found in WIN.INI, youll have to figure out what format (i.e., MM/DD/YY, DD/MM/YY, YY/MM/DD, etc.) it is.

This string can consist of punctuation and symbols.   The symbols are:

Symbol	Description
d	Day of the month: 1 - 31
dd	Day of the month: 00 - 31
m	Month of the year: 1 - 12
mm	Month of the year: 01 - 12
yy	Year: 00 - 99
yyyy	Year: 1970 - 2099

More information about this format can be found in the Windows Resource Kit **under [intl] Section**, and in the VB Programmers Guide under **Format$**.

Data Type

String

See Also

Properties:

<u>ItemDate</u>

DateFormat Property Example

In this example, the program shows the <u>DateFormat</u> property affects the <u>ItemDate</u> property. To try this example, paste the code into the Declarations section of a form that contains two text boxes, a command button, and a ZipInf control.   Press F5.   Fill in the first text box with a legitimate ZIP file name (with full path).   Fill in the second text box with a date format string (such as MM-DD-YY or D-M-YYYY).   Then, press the command button.

```
Sub Command1_Click ()
    Dim I As Integer


    List1.Clear

    ZipInfo1.FileName = Text1.Text
    ZipInfo1.DateFormat = Text2.Text

    For I = 0 To ZipInfo1.ListCount - 1
        List1.AddItem ZipInfo1.ItemFileName(I) & " " & ZipInfo1.ItemDate(I)
    Next I
End Sub
```

FileComment Property

Description

Holds the comment field from the ZIP file.

Usage

[*form.*][*control.*]**FileComment**

Remarks

This property holds the comment string loaded from the ZIP file (specified by the FileName property).

This property is read-only.

Data Type

String

See Also

Properties:
FileName
ItemFileComment
ListCount

FileName Property

Description

Specifies the ZIP file to examine.

Usage

[*form.*][*control.*]**FileComment**[= *string*]

Remarks

Setting this property causes ZipInf to load the various properties with information from the ZIP file specified.   If the file specified is not found, ZipInf will cause a File Not Found (7) error.   If this file specified is not a ZIP file, ZipInf will cause a Not a ZIP File (29999) error.   If the ZIP file is corrupt, ZipInf will cause a Corrupt ZIP File (29998) error.

Data Type

String

See Also

Properties:
FileComment
ItemFileName

File Properties Example

In this example, the program shows the <u>ListCount</u> and <u>FileComment</u> properties. To try this example, paste the code into the Declarations section of a form that contains two labels, a text box, a command button, and a ZipInf control.   Press F5.   Fill in the text box with the filename (including full path) of a ZIP file.   Then, press the command button.

```
Sub Command1_Click ()
    ZipInfo1.FileName = Text1.Text

    If Len(ZipInfo1.FileComment) = 0 Then
        Label1.Caption = "FileComment: (none)"
    Else
        Label1.Caption = "FileComment: " & ZipInfo1.FileComment
    End If

    Label2.Caption = "ListCount: " & ZipInfo1.ListCount
End Sub
```

ItemCompressed Property

Description

Tells the compressed size of a file in the ZIP file.

Usage

[*form.*][*control.*]**ItemCompressed(***FileIndex***)**

Remarks

This property tells the compressed size (i.e., how much space it takes up in the ZIP file) of the file specified by *FileIndex*.   *FileIndex* must be between 0 and ListCount.

This property is read-only and only available at run-time.

Data Type

Integer (long)

See Also

Properties:
    ItemCRC
    ItemMethod
    ItemUncompressed

ItemCRC Property

Description

Tells the 32-bit CRC of a file in the ZIP file.

Usage

[*form.*][*control.*]**ItemCRC(***FileIndex***)**

Remarks

This property tells the 32-bit cyclic redundancy check (CRC) of the file specified by *FileIndex*. *FileIndex* must be between 0 and ListCount.

This property is read-only and only available at run-time.

Data Type

Integer (long)

See Also

Properties:

ItemCompressed

ItemMethod

ItemUncompressed

ItemDate Property

Description

Tells the date stamp of a file in the ZIP file.

Usage

[*form.*][*control.*]**ItemDate(***FileIndex***)**

Remarks

This property tells the date stamp on the file specified by *FileIndex*.   *FileIndex* must be between 0 and ListCount.   The format of this property is determines by the short date format in WIN.INI and by the DateFormat property (which takes precedence).

This property is read-only and only available at run-time.

Data Type

String

See Also

Properties:
DateFormat
ItemTime

ItemFileComment Property

Description

Tells the comment associated with a file in the ZIP file.

Usage

[*form.*][*control.*]**ItemFileComment(***FileIndex***)**

Remarks

This property tells the comment associated with the file specified by *FileIndex*.   *FileIndex* must be between 0 and ListCount.

This property is read-only and only available at run-time.

Data Type

String

See Also

Properties:
   FileComment
   ItemFileName

ItemFileName Property

Description

Tells the name of a file in the ZIP file.

Usage

[*form.*][*control.*]**ItemFileName(***FileIndex***)**

Remarks

This property tells the name of the file specified by *FileIndex*.   *FileIndex* must be between 0 and ListCount.

This property is read-only and only available at run-time.

Data Type

String

See Also

Properties:
  FileName
  ItemFileComment

ItemMethod Property

Description

Tells the compressed method used for a file in the ZIP file.

Usage

[*form.*][*control.*]**ItemMethod(***FileIndex***)**

Remarks

This property tells the compressed method used on the file specified by *FileIndex*.   *FileIndex* must be between 0 and ListCount.   The compression methods are:

Value	Description
0	No compression. Stored.
1	Shrunk.
2	Reduced.
3	Reduced.
4	Reduced.
5	Reduced.
6	Imploded.
7	Tokenized (not used).
8	Deflated.

This property is read-only and only available at run-time.

Data Type

Integer

See Also

Properties:
ItemCompressed
ItemCRC
ItemUncompressed

ItemTime Property

Description

Tells the time stamp on a file in the ZIP file.

Usage

[*form.*][*control.*]**ItemTime(***FileIndex***)**

Remarks

This property tells the time stamp on the file specified by *FileIndex*.   *FileIndex* must be between 0 and ListCount.   This propertys foramt is HH:MM:SS (i.e., like the default Time$ format).

This property is read-only and only available at run-time.

Data Type

String

See Also

Properties:

[ItemDate](#)

ItemUncompressed Property

Description

Tells the full size of a file in the ZIP file.

Usage

[*form.*][*control.*]**ItemUncompressed(***FileIndex***)**

Remarks

This property tells the full size (i.e., uncompressed, in bytes) of the file specified by *FileIndex*. *FileIndex* must be between 0 and ListCount.

This property is read-only and only available at run-time.

Data Type

Integer (long)

See Also

Properties:
    ItemCompressed
    ItemCRC
    ItemMethod

ListCount Property

Description

Specifies how many files are within the ZIP file.

Usage

[*form.*][*control.*]**ListCount**

Remarks

This property gets set when the FileName property is set.   This property tells how many files are in the ZIP file.   The information about the individual files can be accessed through the following properties: ItemCRC , ItemCompressedpropItemCompressed, ItemDate, ItemFileName, ItemFileComment, ItemMethod, ItemTime, and ItemUncompressed.

If the file currently selected is not a ZIP file or if the file specified doesnt exist, this property will be set to -1.

This property is read-only.

Data Type

Integer

See Also

Properties:

    <u>FileName</u>

Item Properties Example

In this example, the program shows the various ZIP file item properties. To try this example, paste the code into the Declarations section of a form that contains seven labels (make these somewhat wide), a text box, a command button, a list box, and a ZipInf control.   Press F5.   Fill in the text box with the filename (including full path) of a ZIP file.   Then, click on various file names in the list box.

```
Sub Command1_Click ()
    Dim I As Integer


    ZipInfo1.FileName = Text1.Text

    List1.Clear

    For I = 0 To ZipInfo1.ListCount - 1
        List1.AddItem ZipInfo1.ItemFileName(I)
    Next I
End Sub

Sub List1_Click ()
    Dim I As Integer


    I = List1.ListIndex

    Label1.Caption = "ItemCompressed: " & ZipInfo1.ItemCompressed(I)
    Label2.Caption = "ItemCRC: " & Hex$(ZipInfo1.ItemCRC(I))
    Label3.Caption = "ItemDate: " & ZipInfo1.ItemDate(I)
    Label4.Caption = "ItemFileComment: " & ZipInfo1.ItemFileComment(I)
    Label5.Caption = "ItemMethod: " & ZipInfo1.ItemMethod(I)
    Label6.Caption = "ItemTime: " & ZipInfo1.ItemTime(I)
    Label7.Caption = "ItemUncompressed: " & ZipInfo1.ItemUncompressed(I)
End Sub
```

Methods

All of the methods that apply to this control are in this table.   Methods that have special meaning for this control or that only apply to this control are marked with an asterisk (*).

Clear (clears all file info)

Registration Information

Credits

ZipInf was written by James Shields.   Inquiries can be sent to 71231,2066 on CompuServe, or mabry@halcyon.com on Internet.   Our mailing address is:

Mabry Software, Inc.
Post Office Box 31926
Seattle, WA   98103-1926

Registration

You can register this program by sending $10 ($15 for international orders) and your address.   You can register ZipInf **and** its C source code by sending $35 ($40 for international orders).   With your order, you will receive a copy of our manual documenting all of our controls.

For your convenience, an order form has been provided that you can print out directly from this help file.

E-mail Discount

You may take a $5 discount for e-mail delivery of this package (CompuServe or Internet).   If you choose this option, please note: a printed manual is not included.   Be sure to include your full mailing address with your order.   Sometimes (on the Internet) the package cannot be e-mailed.   So, we are forced to send it through the normal mails.

CompuServe members may also take the $5 e-mail discount by registering this package in the software registration forum (GO SWREG).   ZipInfs SWREG ID number is 1595.   The source code version's ID number is 1596.

Credit Card Orders

We accept VISA and Mastercard.   If you e-mail your order to us, please be sure to include your card number, expiration date, complete mailing address, and your phone number (in case we have any questions about your order).

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Association of
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ZipInf Order Form

Use the Print Topic.. command from the File menu to print this order form.

Mail this   Mabry Software, Inc.
form to: Post Office Box 31926
             Seattle, WA   98103-1926

             Phone: 206-634-1443
             Fax: 206-632-0272
             BBS: WinDev BBS 206-634-0783
             CompuServe: 71231,2066
             Internet: mabry@halcyon.com

Where did you get this copy of ZipInf?

_____

Ship to: _____

             _____

             _____

             _____

             _____

Phone: _____

Fax: _____

E-Mail: _____

MC/VISA: _____ exp. _____

Disk Size: (circle one)   3½   5¼

    qty ordered ____   REGISTRATION
                           $10 each, postpaid (check or money order in hard currency). Outside of North
                           America add $5.00 shipping.

    qty ordered ____   SOURCE CODE AND REGISTRATION
                           $35 each, postpaid (check or money order in hard currency). Outside of North
                           America add $5.00 shipping.

Getting Custom Controls Written

If you or your organization would like to have custom controls written, you can contact me at the following:

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You can also contact Zane Thomas.   He can be reached at:

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Indianola, WA   98342

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