



Help for DFInfo

DFInfo is a Visual Basic custom control that gives convenient access to disk and file information. VB programmers are able to read and modify miscellaneous information about files (date, time, size, etc.). Information about the computer's drives is available through another set of properties.

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Disk Properties

Here are the custom properties that the disk control of DFInfo supports:

ClusterSize

DefaultDrive

Disk

FreeClusters

FreeSpace

Network

NumFloppies

SectorSize

StartupDrive

TotalClusters

TotalSpace

VolumeName



File Properties

Here are the custom properties that the file control of DFInfo supports:

FileDate

Filename

FileTime

IsArchived

IsHidden

IsReadOnly

IsSystem

Size

FileDate Property

Description

Reads or set the date of the selected file.

Usage

```
[form.][dfinfo.]FileDate[ = date$]
```

Remarks

This property represents the date of the file sepecified by Filename. This property is kept in the VB Date\$ format (see your VB manuals for more information). For example, June 23, 1994 would be "06-23-1994".

When this property is set, the date of the file is changed.

This property is readable and writable at run-time only.

Data Type

String

Filename Property

Description

Determines the file that DFInfo reads/modifies.

Usage

[*form.*][*dinfo.*]Filename[= *name\$*]

Remarks

This is the first property that you should set when dealing with files. Set it to the name (and path, if needed) of the file. If the file exists, all of the other properties will be set with the current information. If not, Size will be set to -1.

This property is readable and writable at run-time only.

Data Type

String

FileTime Property

Description

Reads or set the time of the selected file.

Usage

`[form.][dinfo.]FileTime[= time$]`

Remarks

This property represents the date of the file sepecified by Filename. This property is kept in the VB Time\$ format (see your VB manuals for more information). For example, 4:15pm would be "16:15:00".

When this property is set, the time of the file is changed.

This property is readable and writable at run-time only.

Data Type

String

IsArchived Property

Description

Reads, sets or clears the file's archive bit.

Usage

`[form.][dinfo.]IsArchived[= bool]`

Remarks

This property determines the archive bit of the file sepecified by Filename. When this property is set, the archive bit of the file is changed to reflect the new value.

This property is readable and writable at run-time only.

Data Type

Boolean

IsHidden Property

Description

Reads, sets or clears the file's hidden bit.

Usage

```
[form.][dfileinfo.]IsHidden[ = bool]
```

Remarks

This property determines the hidden bit of the file sepecified by Filename. When this property is set, the hidden bit of the file is changed to reflect the new value.

This property is readable and writable at run-time only.

Data Type

Boolean

IsReadOnly Property

Description

Reads, sets or clears the file's read-only bit.

Usage

`[form.][dinfo.]IsReadOnly[= bool]`

Remarks

This property determines the archive bit of the file sepecified by Filename. When this property is set, the read-only bit of the file is changed to reflect the new value.

This property is readable and writable at run-time only.

Data Type

Boolean

IsSystem Property

Description

Reads, sets or clears the file's system bit.

Usage

`[form.][dinfo.]IsSystem[= bool]`

Remarks

This property determines the archive bit of the file sepecified by Filename. When this property is set, the system bit of the file is changed to reflect the new value.

This property is readable and writable at run-time only.

Data Type

Boolean

Size Property

Description

Reads or set the file's size.

Usage

`[form.][dinfo.]Size[= size&]`

Remarks

This property reads or sets the size of the file sepecified by Filename. When this property is set, the size of the file is changed to reflect the new value.

This property is readable and writable at run-time only.

Data Type

Long

ClusterSize Property

Description

Number of sectors per cluster.

Usage

[*form.*][*dinfo.*]ClusterSize[= *size*&]

Remarks

This is the number of sectors in each cluster on the drive specified by the Disk property.
This property is read-only at run-time only.

Data Type

Long

DefaultDrive Property

Description

Drive letter of the current default drive.

Usage

```
[form.][dinfo.]DefaultDrive[ =drive$]
```

Remarks

This is the drive letter of current default drive. Setting this property changes the default drive to the drive letter specified. This property is read/write at run-time only.

Data Type

String

Disk Property

Description

Drive letter of the disk to examine.

Usage

[*form.*][*dinfo.*]Disk[=*drive\$*]

Remarks

This is the drive letter of drive to examine with the other properties (i.e., ClusterSize, FreeSpace, VolumeName, etc.). This property is read/write at run-time only.

Data Type

String

FreeClusters Property

Description

Number of free clusters.

Usage

```
[form.][dfinfo.]FreeClusters[ = num&]
```

Remarks

This is the number of free clusters available on the drive specified by the Disk property. This property is read-only at run-time only.

Data Type

Long

FreeSpace Property

Description

Number of free bytes.

Usage

[*form.*][*dinfo.*]FreeSpace[= *num*&]

Remarks

This is the number of free bytes available on the drive specified by the Disk property. This property is read-only at run-time only.

Data Type

Long

Network Property

Description

Flag determining whether or not drive is local or on a network.

Usage

`[form.][dfinfo.]Network[= bool]`

Remarks

If this property is True the drive, specified by the Disk property, is a network drive. Otherwise, this drive is local. This property is read-only at run-time only.

Data Type

Integer (boolean)

NumFloppies Property

Description

Number of floppy drives in the system.

Usage

[*form.*][*dflinfo.*]NumFloppies[= *num%*]

Remarks

This property tells the number of floppy drives in this computer. This property is read-only at run-time only.

Data Type

Integer

SectorSize Property

Description

Number of bytes in a sector.

Usage

[*form.*][*dinfo.*]SectorSize[= *size*&]

Remarks

This is the number of bytes per sector on the drive specified by the Disk property. This property is read-only at run-time only.

Data Type

Long

StartupDrive Property

Description

Drive letter of the start-up (boot) drive.

Usage

```
[form.][dinfo.]StartupDrive[ =drive$]
```

Remarks

This is the drive letter of the drive DOS booted from. This property is read-only at run-time only.

Data Type

String

TotalClusters Property

Description

Total number of clusters on the drive.

Usage

[*form.*][*dfinfo.*]TotalClusters[= *num*&]

Remarks

This is the total number of clusters on the drive specified by the Disk property. This property is read-only at run-time only.

Data Type

Long

TotalSpace Property

Description

Total number of bytes on the drive.

Usage

[*form.*][*dinfo.*]TotalSpace[= *size*&]

Remarks

This is the total number of bytes on the drive specified by the Disk property. This property is read-only at run-time only.

Data Type

Long

VolumeName Property

Description

Volume name of the drive.

Usage

```
[form.][dinfo.]VolumeName[ = vol$]
```

Remarks

This is the volume name of the drive specified by the Disk property. When this property is set, the volume name of the drive is changed. This property is read/write at run-time only.

Data Type

String

About DFInfo

IniCon was written by James Shields. Inquiries can be sent to 71231,2066 on CompuServe, or mabry@halcyon.com on Internet. If you must send something via U.S. Mail, the address is:

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You can register this program by sending \$15 (\$20 for international orders) and your address. CompuServe members may register by sending \$10 and their account number (the registered version will be E-mailed to you). CompuServe members may also register this package by going to the SWREG forum. DFInfo is registered there. DFInfo's registration ID number is 1069.

If you need source code, you can get it by sending \$35 (\$40 for international) and your address. Once again, CompuServe members may register by sending \$30 and their account number (the registered version will be E-mailed to you). CompuServe members get source code in the SWREG forum. The registration ID number is 1070.

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Getting Custom Controls Written

If you or your organization would like to have custom controls written, contact either me or Zane Thomas (co-author of the Waite Group's VB How-To, 2nd Edition). Here's how we can be reached:

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