Tfileinfo Component

Description

The Tfileinfo component is a control designed to simplify recursive file handling procedures.   The control has one published property - Path.

All other properties are read only and supply such information as number of directories, number of files in a directory, etc.   Refer to properties for a detailed description.

Using the Tfileinfo component

To use the Tfileinfo component, simply supply the path and then query the control for the result.

Example:

fileinfo1.path := 'c:\';
totalbytes := fileinfo.Filebytes;

The above example finds the total size of all files in the root directory.

Tfileinfo component properties

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Filebytes

Component

Tfileinfo

Example:

fileinfo1.path := 'c:\windows';
totalbytes := fileinfo.Filebytes;

The above example finds the total size of all files in the directory 'c:\windows'.

Filebytesbeneath

Component

Example:

fileinfo1.path := 'c:\delphi';
totalbytes := fileinfo.Filebytesbeneath;

The above example finds the total size of all files in the directory 'c:\delphi' and all subdirectories including subdirectories of subdirectories.
Note that if a path of 'c:\' was specified, the control would return the size of all files on the disk.

Numfiles

Component

Tfileinfo

Example:

fileinfo1.path := 'c:\';
totalfiles := fileinfo.Numfiles;

The above example finds the number files in the root directory.   The number of files returned does not include any directory entries.

Special Note:

This property is dependent of the filebytes property.   First read the filebytes property and then read the numfiles property.

Numfilesbeneath

Component

Tfileinfo

Example:

fileinfo1.path := 'c:\delphi';
totalfiles := fileinfo.Numfilesbeneath;

The above example finds the number of files in the delphi directory and all its subdirectories.   The number of files returned does not include any directory entries.

Numdirsbeneath

Component

Example:

fileinfo1.path := 'c:\delphi';
totaldirs := fileinfo.Numdirsbeneath;

The above example finds the number of directories in the delphi directory and all its subdirectories.

Numtopleveldirs

Component

Example:

fileinfo1.path := 'c:\';
totaltops := fileinfo.Numtopleveldirs;

The above example finds the number of top level directories on drive c:.   Note that the result is the same even if a path is given of say 'c:\windows';
This properties only returns the number of top level directories of the drive letter included in the path given.

Thisdisksize

Component

Example:

fileinfo.path := 'c:\';
size := fileinfo.thisdisksize;

This example returns the size of drive c:.

prop_filebytes

prop_numfiles