CNS Image

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CNSImage_Configure

Description

Calling this function with no parameters will open the CNS Image Configuration Dialog. You can optionally open to a specific tab by specifying the name of the tab as the "Option" parameter. This function also allows you to get or set any preference found in the Configuration Dialog.

Valid PrefNames:

"AddHelp" - If True, Function specific Help will be added to Calculations when inserting the Plug-in's Functions.

Return Type

Text

Format

CNSImage_Configure (**Option** ; **PrefName** ; **PrefValue**)

Optional Parameters

Option
Specify the name of a Tab in the Configuration Dialog to show it opened to that tab. Specify "Get" with the PrefName parameter to get a preference value. (If not found, and PrefValue is defined, PrefValue will be returned.) Specify "Set" with the PrefName and PrefValue parameters to set a preference value.

PrefName
The Name of the Preference to Get or Set. (See the Function Description for a list of valid PrefNames.)

PrefValue
The Value of the Preference to Set. (See the Function Description for some possible values.)

Examples

Example 1
Code:

```
CNSImage_Configure
```

Result:

Opens the CNS Image Configuration Dialog. (Because the "Option" parameter is not used, the dialog will open to the "Basics" tab.)

Example 2
Code:

```
CNSImage_Configure( "Get" ; "AddHelp" )
```

Result:

Returns the value of the 'Add Help Comments to External Functions' setting from the Configuration Dialog.

Example 3

Code:

```
CNSImage_Configure( "Set" ; "AddHelp" ; "False" )
```

Result:

Sets the 'Add Help Comments to External Functions' setting in the Configuration Dialog to false.

CNSImage_Convert

Description

The CNSImage_Convert function allows you to convert an image. You can change the type of the image as well as the resolution, and depth. If your target image type is JPEG or TIFF, you can set the Quality.

For a list of image types, see "Reference: Image Types".

Return Type

Container

Format

CNSImage_Convert (**Image** ; **Type** ; **Resolution** ; **Depth** ; **Quality**)

Required Parameters

Image
A Container field that contains an Image or a Path and File Name to an Image you want to Convert.

Type
The Type of the new Image. (Specify "" to keep the current Image Type. Types include: "JPEG", "PNG", "BMP", "PICT", "TIFF", "PSD", "SGI", "TGA", and "PDF")

Optional Parameters

Resolution
The Resolution in pixels per inch of the new Image. (Specify "" to keep the current Resolution.) By default, specifying a new resolution will resample the image. If you do not want the image resampled, use an exclamation point after the resolution (e.g. "300!").

Depth
The Bit-Depth of the new Image. (All settings may not work for all Image Types; Specify "" or 0 to keep the current Bit-Depth. Depths include: 1, 2, 4, 8, 16, 24, 32, 33, 34, 36, and 40.)

Quality
The Quality of the new Image. (Only available for JPEGs, and TIFFs; Specify "" or 0 to keep the current Quality. You can also specify a number or keyword: "Min", "Low", "Normal", "High", "Max", "Lossless", or a number between 1 and 100.)

Related Items

Reference: Image Types

Examples

Example 1
Code:

```
CNSImage_Convert( MyImage ; "JPEG" ; 72 ; 32 ; 100 )
```

Result:

Returns a JPEG image with a resolution of 72, a depth of 32, and quality of 100.

Example 2
Code:

```
CNSImage_Convert( MyImage ; "PNG" ; 72  )
```

Result:

Returns a PNG image with a resolution of 72.

Example 3
Code:

```
CNSImage_Convert( MyImage ; "PNG" ; "300!"  )
```

Result:

Returns a PNG image with a resolution of 300, but does not resample the image.

CNSImage_Crop

Description

The CNSImage_Crop function allows you to create a new image based on part of an image. In other words, it takes an image, crops it to your specifications and then returns it to you.

Return Type

Container

Format

CNSImage_Crop (**Image** ; **Top** ; **Left** ; **Bottom** ; **Right**)

Required Parameters

Image
A Container field that contains an Image or a Path and File Name to an Image you want to Crop.

Top
The Top pixel coordinates of the Top, Left corner of the Crop rectangle.

Left
The Left pixel coordinates of the Top, Left corner of the Crop rectangle.

Bottom
The Bottom pixel coordinates of the Bottom, Right corner of the Crop rectangle.

Right
The Right pixel coordinates of the Bottom, Right corner of the Crop rectangle.

Related Items

CNSImage_Resize, CNSImage_Transform

Example

Code:

```
CNSImage_Crop( MyImage ; 0 ; 0 ; 100 ; 100 )
```

Result:

Returns a 100 square pixel area from the image in the "MyImage" container.

CNSImage_Export

Description

This function allows you to save an image to any folder with any name. You can also export an image using a dialog. The function will return text indicating the success or failure of the operation.

Return Type

Text

Format

CNSImage_Export (**Image** ; **Path** ; **Prompt** ; **AllowConvert** ; **TypeList**)

Required Parameters

Image
A Container field that contains an Image you want to Export.

Optional Parameters

Path
The Path and File Name the Image will be Exported to. (Specify "" or only a path to display Save File Dialog).

Prompt
A message to display in the Save File Dialog.

AllowConvert
If True, this allows the end user to select an alternate File Type to Convert to on Export. (Only available if the Save File Dialog is displayed.)

TypeList
A return-delimited list of Image File Types the end user is Allowed to Convert to. (Valid Types are: JPEG, GIF, PNG, BMP, PICT, TIFF, PSD, SGI, TGA, PDF. Only available if the Save File Dialog is displayed.)

Related Items

CNSImage_File_Copy, CNSImage_File_Delete, CNSImage_File_Exists, CNSImage_File_GetPath, CNSImage_File_SelectFileWithDialog, CNSImage_File_SelectFolderWithDialog, CNSImage_Import, Reference: Paths

Examples

Example 1
Code:

```
CNSImage_Export( Image )
```

Result:

Displays a save file dialog. You can edit the name of the file and navigate in the file dialog prior to saving.

Example 2

Code:

```
CNSImage_Export( Image ; "/Volume/folder/filename.jpg" )
```

Result:

Saves an image to the folder "/Volume/folder/" with the name "filename.jpg".

Example 3

Code:

```
CNSImage_Export( Image ; "/Volume/folder/" )
```

Result:

Displays a save file dialog starting in the folder "/Volume/folder/". You can edit the name of the file in the file dialog prior to saving.

Example 4

Code:

```
CNSImage_Export( Image ; "" ; "Please locate where you would like to save this image." )
```

Result:

Displays a save file dialog with the prompt: "Please locate where you would like to save this image." You can edit the name of the file in the file dialog prior to saving.

Example 5

Code:

```
CNSImage_Export( Image ; "/Volume/folder/" ; "" ; True )
```

Result:

Displays a save file dialog starting in the folder "/Volume/folder/". You can edit the name of the file in the file dialog prior to saving and specify a different image format for the file to convert the image if you want.

CNSImage_File_Copy

Description

You can use this function to copy a file to a new location.

Return Type

Text

Format

CNSImage_File_Copy (**Source** ; **Destination**)

Required Parameters

Source
The Path and File Name of the File you want to Copy.

Destination
The Path to the Folder where you want the Copy. (You can optionally specify a File Name to Rename the File.)

Related Items

CNSImage_Export, CNSImage_File_Delete, CNSImage_File_Exists, CNSImage_File_GetPath, CNSImage_File_SelectFileWithDialog, CNSImage_File_SelectFolderWithDialog, CNSImage_Import, Reference: Paths

Examples

Example 1
Code:

```
CNSImage_File_Copy( "/source/copy.txt" ; "/destination/" )
```

Result:

Copies the file "copy.txt" from the "source" folder to the "destination" folder on Mac.

Example 2
Code:

```
CNSImage_File_Copy( "c:\source\copy.jpg" ; "c:\destination\copied.jpg" )
```

Result:

Copies the file "copy.jpg" from the "source" folder to the "destination" folder and renames the file "copied.jpg" on Windows.

Example 3

Code:

```
CNSImage_File_Copy( "/Users/John/Documents/boat.jpg" ; "/Volumes/FileServer/boat.jpg" )
```

Result:

Copies the file "boat.jpg" from the "Documents" folder to the "FileServer" network share on Mac. The network share must be mounted prior to calling this function, as it is unable to mount a share.

CNSImage_File_Delete

Description

You can use this function to delete a file.

Return Type

Text

Format

CNSImage_File_Delete (**File**)

Required Parameters

File
The Path and File Name of the File you want to Delete.

Related Items

CNSImage_Export, CNSImage_File_Copy, CNSImage_File_Exists, CNSImage_File_GetPath, CNSImage_File_SelectFileWithDialog, CNSImage_File_SelectFolderWithDialog, CNSImage_Import, Reference: Paths

Examples

Example 1
Code:

```
CNSImage_File_Delete( "c:\destination\deleteme.jpg" )
```

Result:

Deletes the file "deleteme.jpg" on Windows.

Example 2
Code:

```
CNSImage_File_Delete( "/Images/deleteme.jpg" )
```

Result:

Deletes the file "deleteme.jpg" on Mac.

CNSImage_File_Exists

Description

This function will check to see if a file exists.

Return Type

Number (1=True, 0=False)

Format

CNSImage_File_Exists (**File**)

Required Parameters

File
The Path and File Name of the File you want to Find.

Related Items

CNSImage_Export, CNSImage_File_Copy, CNSImage_File_Delete, CNSImage_File_GetPath, CNSImage_File_SelectFileWithDialog, CNSImage_File_SelectFolderWithDialog, CNSImage_Import, Reference: Paths

Examples

Example 1
Code:

```
CNSImage_File_Exists( "c:\random\ithink.jpg" )
```

Result:

Returns "True" if the "ithink.jpg" file exists on Windows.

Example 2
Code:

```
SMTPit_File_Exists( "/random/ithink.jpg" )
```

Result:

Returns "True" if the "ithink.jpg" file exists on Mac.

CNSImage_File_GetPath

Description

You can use the CNSImage_File_GetPath to retrieve a variety of paths including: Database, FileMaker, Root, System, Desktop, Preferences, Temporary, Applications, or Documents.

This function can be used with other functions. For example you could use CNSImage_File_GetPath to get the user desktop path and then use CNSImage_Export to export a file from a container field.

Return Type

Text

Format

CNSImage_File_GetPath (**Type**)

Required Parameters

Type
Which Path Type you need. Specify "Database", "FileMaker", "Root", "System", "Desktop", "Preferences", "Temporary", "Applications", or "Documents".

Related Items

CNSImage_Export, CNSImage_File_Copy, CNSImage_File_Delete, CNSImage_File_Exists, CNSImage_File_SelectFileWithDialog, CNSImage_File_SelectFolderWithDialog, CNSImage_Import, Reference: Paths

Examples

Example 1
Code:

```
CNSImage_File_GetPath( "Database" )
```

Result:
Returns the path to the current database

Example 2
Code:

```
CNSImage_File_GetPath( "Desktop" )
```

Result:
Returns the path to desktop.

CNSImage_File_SelectFileWithDialog

Description

The CNSImage_File_SelectFileWithDialog function allows you to use a dialog to locate a file on your hard drive and returns the path of the chosen file. You can specify the starting folder by specifying the optional "StartPath" parameter. You can also display a message in the dialog by using the optional "Prompt" parameter.

Return Type

Text

Format

CNSImage_File_SelectFileWithDialog (**StartPath** ; **Prompt**)

Optional Parameters

StartPath
The Path to the Folder to display when the dialog first opens.

Prompt
An optional Prompt or Message to display on the dialog.

Related Items

CNSImage_Export, CNSImage_File_Copy, CNSImage_File_Delete, CNSImage_File_Exists, CNSImage_File_GetPath, CNSImage_File_SelectFolderWithDialog, CNSImage_Import, Reference: Paths

Examples

Example 1

Code:

```
CNSImage_File_SelectFileWithDialog
```

Result:

A dialog is shown to choose a file.

Example 2

Code:

```
CNSImage_File_SelectFileWithDialog( "" ; "Please choose a JPG image:" )
```

Result:

A dialog is shown to choose a file with the prompt: "Please choose a JPG image:".

CNSImage_File_SelectFolderWithDialog

Description

You can use this function to choose a folder using a dialog box. You can use the optional "StartPath" parameter to specify which folder to display when the dialog first opens. You can use the optional "Prompt" parameter to display a message in the dialog box.

Return Type

Text

Format

CNSImage_File_SelectFolderWithDialog (**StartPath** ; **Prompt**)

Optional Parameters

StartPath
The Path to the Folder to display when the dialog first opens.

Prompt
An optional Prompt or Message to display on the Dialog.

Related Items

CNSImage_Export, CNSImage_File_Copy, CNSImage_File_Delete, CNSImage_File_Exists, CNSImage_File_GetPath, CNSImage_File_SelectFileWithDialog, CNSImage_Import, Reference: Paths

Examples

Example 1
Code:

```
CNSImage_File_SelectFolderWithDialog
```

Result:

Displays a dialog so you can choose folder. The chosen path is returned.

Example 2
Code:

```
CNSImage_File_SelectFolderWithDialog( "/" )
```

Result:

Displays a dialog so you can choose a folder, starting with the startup volume or first drive.

Example 3

Code:

```
CNSImage_File_SelectFolderWithDialog( "" ; "Please choose a folder:" )
```

Result:

Displays a dialog so you can choose folder with the prompt: "Please choose a folder". The chosen path is returned.

CNSImage_Filter

Description

With this function, you can apply a filter to an image. CNS Image currently has filters available to Blur, Contrast, Edge, Emboss, Modulate, and Sharpen. Look for more filters to be added in the future.

Return Type

Container

Format

CNSImage_Filter (**Image** ; **Type** ; **...**)

Required Parameters

Image
A Container field that contains an Image or a Path and File Name to an Image you want to Filter.

Type
The Filter Type you want to apply.

Optional Parameters

...
Any extra parameters the Filter Type needs.

Blur
CNSImage_Filter(Image ; "Blur" ; Radius ; Amount)

Contrast
CNSImage_Filter(Image ; "Contrast" ; Sharpen)

Edge
CNSImage_Filter(Image ; "Edge" ; Radius)

Emboss
CNSImage_Filter(Image ; "Emboss" ; Radius ; Amount)

Modulate
CNSImage_Filter(Image ; "Modulate" ; Brightness ; Saturation ; Hue)

Sharpen
CNSImage_Filter(Image ; "Sharpen" ; Radius ; Amount)

Examples

Example 1
Code:

```
CNSImage_Filter( Image ; "Blur" ; 25 ; 10 )
```

Result:

Blurs the image in the Image field.

Example 2

Code:

```
CNSImage_Filter( Image ; "Contrast" ; "Yes" )
```

Result:

Contrasts the image in the Image field.

Example 3

Code:

```
CNSImage_Filter( Image ; "Modulate" ; 150 )
```

Result:

Brightens the image by 150%

Example 4

Code:

```
CNSImage_Filter( Image ; "Edge" ; 2 )
```

Result:

Applies the Edge filter to the image in the Image field.

Example 5

Code:

```
CNSImage_Filter( Image ; "Emboss" ; 1 ; 2 )
```

Result:

Embosses the image in the Image field.

Example 6

Code:

```
CNSImage_Filter( Image ; "Modulate" ; 100 ; 100 ; 5 )
```

Result:

Rotates the Hue of the image by 5 degrees while keeping the Brightness and Saturation the same.

Example 7

Code:

```
CNSImage_Filter( Image ; "Sharpen" ; 60 ; 30 )
```

Result:

Sharpens the image in the Image field.

CNSImage_GetFromURL

Description

You can download an image on the internet with this function. You can download fun images such as webcams, daily cartoons, or photos of the sun. You can also post new graphics for your solution to be downloaded across the internet. Imagine if your database could check for new interface files on the internet as part of your startup routine.

Return Type

Container

Format

CNSImage_GetFromURL (**URL** ; **Timeout**)

Required Parameters

URL
The full URL of the Image to Get.

Optional Parameters

Timeout
The number of seconds to wait before giving up

Example

Code:

```
CNSImage_GetFromURL( "http://www.cnsplug-ins.com/images/CNS-Logo.png" )
```

Result:

Returns the "CNS-Logo.png" image at the address "http://www.cnsplug-ins.com/images/CNS-Logo.png".

CNSImage_GetInfo

Description

The CNSImage_GetInfo function returns information about an image such as the format, width, height, resolution, depth, quality, and size. You can also use the "Field" parameter to retrieve a specific value such as the width of an image.

Return Type

Text

Format

CNSImage_GetInfo (**Image** ; **Field**)

Required Parameters

Image
A Container field that contains an Image or a Path and File Name to an Image you need the Info of.

Optional Parameters

Field
A specific Info Item you need. (If this parameter is not defined, all Info Items will be returned. You can specify multiple fields separated by a semicolon. Fields:

Type
Width
Height
HRes
VRes
Depth
Quality
FileSize
DisplayWidth
DisplayHeight
Layers
PathName
FileName
Storage
Format

Note, the order you specify Info Items in the Field parameter will not change the order the Info Items are returned from the function. The Info Items will always be returned in the same order as the fields are listed above.

Examples

Example 1
Code:

```
CNSImage_GetInfo( MyImage )
```

Result:

Returns a return delimited string of information for the image in the "MyImage" container.

Example 2

Code:

```
CNSImage_GetInfo( MyImage ; "width" )
```

Result:

Returns the width of the image in the "MyImage" container.

Example 3

Code:

```
CNSImage_GetInfo( MyImage ; "height;width" )
```

Result:

Returns the height and width separated by a return.

CNSImage_GetLayer

Description

This function allows you to extract a layer of an image. You can grab layers of Photoshop images, TIFF images, and pages of PDFs.

Return Type

Container

Format

CNSImage_GetLayer (**Image** ; **Layer** ; **HiRes**)

Required Parameters

Image
A Container field that contains an Image or a Path and File Name to an Image you want to Get a Layer from.

Layer
The number of the Layer to get.

Optional Parameters

HiRes
Specify True to render a page at 300 DPI rather than 72 DPI Screen Resolution. (Only available for PDFs)

Examples

Example 1

Code:

```
CNSImage_GetLayer( Image ; 10 )
```

Result:

Returns layer 10 of the image in the "Image" field.

Example 2

Code:

```
CNSImage_GetLayer( PDF ; 56 ; True )
```

Result:

Returns page 56 of the PDF in the "PDF" field at 300 DPI.

CNSImage_Import

Description

The CNSImage_Import function allows you to easily import images into FileMaker. You can import by specifying a path to an image as well as using a dialog box to navigate to a desired image.

Return Type

Container

Format

CNSImage_Import (**Path** ; **TypeList** ; **Prompt**)

Optional Parameters

Path
The Path and File Name of the Image to Import. (Specify "" or only a Path to display Open File Dialog).

TypeList
A return-delimited list of Image File Types the user is allowed to Import. Types include: "JPEG", "GIF", "PNG", "BMP", "PICT", "TIFF", "PSD", "SGI", "TGA", "MAC", and "PDF".

Prompt
A message to be displayed in the Open File Dialog.

Related Items

CNSImage_Export, CNSImage_File_Copy, CNSImage_File_Delete, CNSImage_File_Exists, CNSImage_File_GetPath, CNSImage_File_SelectFileWithDialog, Reference: Image Types, Reference: Paths

Examples

Example 1

Code:

```
CNSImage_Import
```

Result:

A dialog is shown to choose an image.

Example 2

Code:

```
CNSImage_Import( "/volume/folder/")
```

Result:

A dialog is shown to choose a file starting at the folder "/volume/folder/"

Example 3

Code:

```
CNSImage_Import( "" ; "JPG¶PNG" )
```

Result:

A dialog is shown to choose a file limited to JPG and PNG image types.

Example 4

Code:

```
CNSImage_Import( "" ; "JPG" ; "Please choose a JPG image:" )
```

Result:

A dialog is shown to choose a file limited to JPG images with the prompt: "Please choose a JPG image:".

Example 5

Code:

```
CNSImage_Import( "" ; "" ; "Choose any image...." )
```

Result:

A dialog is shown to choose any type of image with the prompt: "Choose any image...".

CNSImage_Reflect

Description

This function returns a mirror image of the specified image, dependent on the given Direction.

Return Type

Container

Format

CNSImage_Reflect (**Image** ; **Direction**)

Required Parameters

Image
A Container field that contains an Image or a Path and File Name to an Image you want to Reflect.

Direction
The Direction to Reflect the Image. (Specify X or H for Horizontal, Y or V for Vertical, or B or L for Both Horizontal and Vertical.)

Related Items

CNSImage_Rotate, CNSImage_Transform

Example

Code:

```
CNSImage_Reflect( Image; "H" )
```

Result:

Reflects the image in the "Image" container field horizontally.

CNSImage_Register

Description

You can use this function to register a plug-in without having to use a dialog box. If you use the "Option" parameter, you can register via a dialog box using the "Dialog" value. You can also use value "Check" to test to see if the plug-in is registered or not. Finally, you can use the value "I Accept the License Agreement" to automatically accept the License Agreement dialog.

Return Type

Text

Format

CNSImage_Register (**FirstName** ; **LastName** ; **LicenseKey** ; **Option**)

Required Parameters

FirstName
The Registration First Name you specified when you ordered. (See your Receipt.)

LastName
The Registration Last Name you specified when you ordered. (See your Receipt.)

LicenseKey
The License Key from your Receipt.

Optional Parameters

Option
Specify "Dialog" to enter your Registration Information in a Pop Up Dialog. (You can also specify "Dialog" as the FirstName parameter.) Specify "Check" to see if the plug-in is already Registered. (You can also specify "Check" as the FirstName parameter.) Specify "I Accept the License Agreement" to automatically accept the License Agreement dialog.

CNSImage_Resize

Description

This function allows you to resize an image. You can either resize proportionally by defining only one dimension, or stretch the image by defining both.

Return Type

Container

Format

CNSImage_Resize (**Image** ; **Width** ; **Height**)

Required Parameters

Image
A Container field that contains an Image or a Path and File Name to an Image you want to resize.

Width
The new Width for the Image.

Height
The new Height for the Image.

Related Items

CNSImage_Crop, CNSImage_Transform

Examples

Example 1
Code:

```
CNSImage_Resize( Image; 200 ; "")
```

Result:

Proportionally resizes the image in the "Image" field to have a width of 200 pixels.

Example 2
Code:

```
CNSImage_Resize( Image; "" ; 100)
```

Result:

Proportionally resizes the image in the "Image" field to have a height of 100 pixels.

Example 3

Code:

```
CNSImage_Resize( Image; 200 ; 100)
```

Result:

Stretches image in the "Image" field to have a width of 200 pixels and a height of 100 pixels.

CNSImage_Rotate

Description

This function Rotates an Image by the given number of Degrees.

Return Type

Container

Format

CNSImage_Rotate (**Image** ; **Degrees**)

Required Parameters

Image
A Container field that contains an Image or a Path and File Name to an Image you want to Rotate.

Degrees
The Amount in Degrees that you want to Rotate the Image.

Related Items

CNSImage_Reflect, CNSImage_Transform

Example

Code:

```
CNSImage_Rotate( Image ; 45 )
```

Result:

Rotates the image in the "Image" field 45 degrees.

CNSImage_SetGSPath

Description

Allows you to set the path to the Ghostscript command line program for working with PDF files.

Return Type

Text

Format

CNSImage_SetGSPath (**Path**)

Required Parameters

Path
The Full Path [including executable name] of the Ghostscript command line program.

CNSImage_Transform

Description

This function applies a Transformation Rectange/Matrix to an image. This function can be used for something as simple as resizing an image or for something more complex like resizing, rotating, and skewing an image.

Return Type

Container

Format

CNSImage_Transform (**Image** ; **LeftTopX** ; **LeftTopY** ; **RightTopX** ; **RightTopY** ; **RightBottomX** ; **RightBottomY** ; **LeftBottomX** ; **LeftBottomY**)

Required Parameters

Image
A Container field that contains an Image or a Path and File Name to an Image you want to Transform.

LeftTopX
The new X pixel coordinate of the Left, Top corner of the Image.

LeftTopY
The new Y pixel coordinate of the Left, Top corner of the Image.

RightTopX
The new X pixel coordinate of the Right, Top corner of the Image.

RightTopY
The new Y pixel coordinate of the Right, Top corner of the Image.

RightBottomX
The new X pixel coordinate of the Right, Bottom corner of the Image.

RightBottomY
The new Y pixel coordinate of the Right, Bottom corner of the Image.

LeftBottomX
The new X pixel coordinate of the Left, Bottom corner of the Image.

LeftBottomY
The new Y pixel coordinate of the Left, Bottom corner of the Image.

Related Items

CNSImage_Crop, CNSImage_Reflect, CNSImage_Resize, CNSImage_Rotate

Example

Code:

```
CNSImage_Transform( Image ; 0 ; 0 ; 200 ; 0 ; 200 ; 500 ; 0 ; 500 )
```

Result:

Transforms the image in the "Image" field. (Depending on the image, this would likely squish the image horizontally. For an example of this function in action, view the "Transform" example.)

CNSImage_Version

Description

This function returns the Version number of CNS Image.

Return Type

Text

Format

CNSImage_Version

Related Items

CNSImage_VersionAutoUpdate

Example

Code:

```
CNSImage_Version
```

Result:

Returns the version number.

CNSImage_VersionAutoUpdate

Description

This function returns an Auto Update friendly Version number of CNS Image. The format of this version number is always exactly 8 digits long. The first two digits represent the major version of the plug-in (zero-filled). The third and fourth digits represent the minor version of the plug-in (zero-filled). The fifth and sixth digits represent the update portion of the version (zero-filled). The final two digits represent a special build number or a beta version number and will usually be zeros.

As an example, for CNS Image 1.5.1, the major version is 1, the minor version is 5, the update number is 1, and there is no special build or beta version defined. So, the resulting Auto Update friendly version number would be 01050100.

Return Type

Number

Format

CNSImage_VersionAutoUpdate

Related Items

CNSImage_Version

Example

Code:

```
CNSImage_VersionAutoUpdate
```

Result:

Returns 01050200 for CNS Image version 1.5.2.