

StudioUEC ActiveX Control

ActiveX control for taking ID Photos and digitizing signatures

Control name:

StudioUEC_ActiveX.StudioUEC

ClassID:

5884C56D-8AB1-42CC-9F1B-FBFE01E4C22D

Properties:

Property	Format	Run Time	Design Time	Description
Appearance	Short	Read/Write	Read/Write	Returns or sets the paint style of StudioUEC-Control: 0 – Flat, 1 – 3Dimension
BackColor	ole_color	Read/Write	Read/Write	Returns or sets the back color of StudioUEC-Control.
BorderStyle	Short	Read/Write	Read/Write	Returns or sets the border style of StudioUEC-Control: 0 – None, 1 – Fixed Single
Enabled	Bool	Read/Write	Read/Write	Determines whether the StudioUEC-Control can respond to user-generated events.
Font	Font	Read/Write	Read/Write	Returns or sets buttons font
PhotoBorder	Bool	Read/Write	Read/Write	Returns or sets the Photo Frame border
SignatureBorder	Bool	Read/Write	Read/Write	Returns or sets the Signature Frame border
ShowButtons	Bool	Not Available	Read/Write	Returns or sets if "Photo" and "Sign" buttons are displayed on StudioUEC-Control
ShowPhoto	Bool	Not Available	Read/Write	Returns or sets if Photo Picture Box is displayed on StudioUEC-Control
ShowSignature	Bool	Not Available	Read/Write	Returns or sets if Signature Picture Box is displayed on StudioUEC-Control
PhotoWidth	Short	Read	Not Available	Width of photo in pixels
PhotoHeight	Short	Read	Not Available	Height of photo in pixels
SignatureWidth	Short	Read	Not Available	Width of signature in pixels
SignatureHeight	Short	Read	Not Available	Height of signature in pixels
PhotoArraySize	Short	Read	Not Available	Size of array of bytes returned by GetPhotoArray() method
SignatureArray Size	Short	Read	Not Available	Size of array of bytes returned by GetSignatureArray() method
SingleApp	Bool	Read/Write	Read/Write	Default value = False. Returns or sets if each running ActiveX control uses its own instance of the StudioUEC program or all of them are using the same one. If the same one then StudioUEC will not close when ActiveX is terminated. Use CloseApp method to close StudioUEC application in such case.

Methods:

If not specified, method returns True if it done successful or False if failure occurred.

CapturePhoto(),

Run (show) StudioUEC.exe program and switch it to the mode of taking photos. After photo is taken in StudioUEC.exe program it will be transfered to StudioUEC-Control.

CaptureSignature(),

Run (show) StudioUEC.exe program and switch it to the mode of digitizing signatures. After signature is digitized in StudioUEC.exe program it will be transfered to StudioUEC-Control.

OpenPhoto (inFileName As String),

Run (show) StudioUEC.exe program and switch it to the mode of loading photo from the file which path is **inFileName**. After photo is loaded in StudioUEC.exe program it will be developed and transfered to StudioUEC-Control.

OpenSignature (inFileName As String),

Run (show) StudioUEC.exe program and switch it to the mode of loading signature from the file which path is **inFileName**. After signature is loaded in StudioUEC.exe program it will be developed and transferred to StudioUEC-Control.

ClearPhoto(),

Erases image that contained in the StudioUEC-Control photo picture box.

ClearSignature(),

Erases image that contained in the StudioUEC-Control signature picture box.

SavePhoto (FileName As String, FileType As String, QualityJPG As QUALITY_JPG),

where FileName is the output file name, FileType is the output file format and QualityJPG determines the degree of loss in the compression process.

Saves image contained in Photo picture box of StudioUEC-Control into output file. Acceptable FileType and QualityJPG values are mentioned in the following table.

File Format	FileType	QualityJPG
According to file format and picture quality settings that are set in StudioUEC program	AsIs = -1	No matter
JPEG	JPG = 0	Lowest = 25 Poor = 50 Medium = 80 High = 95 Best = 100
Windows BMP	BMP = 1	No matter

SaveSignature (FileName As String, FileType As String, QualityJPG As QUALITY_JPG),

where FileName is the output file name, FileType is the output file format and QualityJPG determines the degree of loss in the compression process.

Saves image contained in Signature picture box of StudioUEC-Control into output file. Acceptable FileType and QualityJPG values are the same as for SavePhoto method.

GetPhotoBase64() as String,

encodes Photo File to Base64 string and returns this string.

GetPhotoArray() as Byte(),

returns Photo File as array of bytes.

GetSignatureBase64() as String,

encodes Signature File to Base64 string and returns this string.

GetSignatureArray() as Byte(),

returns Signature File as array of bytes.

CloseApp(),

if SingleApp property is set to True, then this method close StudioUEC application that was opened by ActiveX control.

Events:**PhotoIsReady(FileNameLong As String),**

occurs when Photo is captured and saved to the file which path and name is returned in FileNameLong

SignIsReady(FileNameLong As String),

occurs when Photo is captured and saved to the file which path and name is returned in FileNameLong

OnError(ErrNu As Long, ErrSource As String, ErrDescription As String)

Occurs if an error appears during the program running. Returns an "Error" that identifies the error number and "ErrorText" that identifies the error description.