pan and zoom effects in VBScript with ByteScout Image To Video SDK

How To: tutorial on pan and zoom effects in VBScript

These source code samples are listed and grouped by their programming language and functions they use. ByteScout Image To Video SDK was made to help with pan and zoom effects in VBScript. ByteScout Image To Video SDK is the library for conversion of images into video slideshow. Provides built-in support for more than hundred of 2D and 3D transition effects. Output formats supported are AVI,WMV and WEBM video files. You may adjust output video size, quality, framerate and add audio.

You will save a lot of time on writing and testing code as you may just take the code below and use it in your application. In order to implement this functionality, you should copy and paste code below into your app using code editor. Then compile and run your application. VBScript application implementation typically includes multiple stages of the software development so even if the functionality works please test it with your data and the production environment.

Our website provides free trial version of ByteScout Image To Video SDK. It comes along with all these source code samples with the goal to help you with your VBScript application implementation.

FOR MORE INFORMATION AND FREE TRIAL:

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Source Code Files:

PanAndZoomEffects.vbs

```vbs
' Create an instance of BytescoutImageToVideo.ImageToVideo ActiveX object
Set converter = CreateObject("BytescoutImageToVideo.ImageToVideo")

' Activate the component
converter.RegistrationName = "demo"
converter.RegistrationKey = "demo"

' set default in effect for slides (you can also set effects for each single slide)
converter.Slides.DefaultSlideInEffect = 0 ' default effect
converter.Slides.DefaultSlideInEffectDuration = 1000 ' 1000 msec for slide transition e

converter.Slides.DefaultSlideDuration = 2000 ' total duration is 2000 = slide transitio


' uncomment to use background picture
' converter.SetBackgroundPictureFileName "..\..\background.jpg"

' apply transition effect to the very first slide
converter.UseInEffectForFirstSlide = false

Randomize ' initialize random values generator

bChangeSlide = True ' temporary variable to change slides


' now try all 12 pan zoom effects for slides from 1 to 12
' list of PanZoom effects (Slide.PanZoomEffect property)
'    pzeNone = 0, // default
'        pzeMoveCamFromLeftTopToRightTop = 1,
'        pzeMoveCamFromRightTopToLeftTop = 2,
'
'        pzeMoveCamFromLeftTopToRightBottom = 3,
'        pzeMoveCamFromRightBottomToLeftTop = 4,
'
'        pzeMoveCamFromLeftCenterToRightCenter = 5,
'        pzeMoveCamFromRightCenterToLeftCenter = 6,
'
'        pzeMoveCamFromLeftBottomToRightBottom = 7,
'        pzeMoveCamFromRightBottomToLeftBottom = 8,
'
'        pzeMoveCamFromCenterTopToCenterBottom = 9,
'        pzeMoveCamFromCenterBottomToCenterTop = 10,
'
'        pzeMoveCamFromLeftBottomToRightTop = 11,
'        pzeMoveCamFromRightTopToLeftBottom = 12,


for i=1 to 11

' Add slide image, set the duration

if not bChangeSlide then
        Set slide = converter.AddImageFromFileName("koala.jpg")
Else
        Set slide = converter.AddImageFromFileName("penguins.jpg")
```

```
End If

bChangeSlide = not bChangeSlide ' switch to use another slide next tim

slide.Duration = 2000 ' 2 seconds (2000 ms)
slide.InEffect = Rnd * 100 + 1' set random slide transition effect
Slide.InEffectDuration = 1000 ' 1000 ms for slide transition effect
slide.PanZoomEffect = i ' set panzoom effect will be shown on whole slide duration (200

Next


' Set output video size
converter.OutputWidth = 640
converter.OutputHeight = 480

' Set output video file name
converter.OutputVideoFileName = "PanZoomEffects.wmv"

' Run the conversion
converter.RunAndWait()

MsgBox "Done! See PanZoomEffects.wmv"

Set converter = Nothing


' Open the output file in default app
Set shell = CreateObject("WScript.Shell")
shell.Run "PanZoomEffects.wmv", 1, false
Set shell = Nothing
```

VIDEO

https://www.youtube.com/watch?v=FzPgeGFL8YA

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