How to record screen video from given region in VB.NET with ByteScout Screen Capturing SDK

The tutorial below will demonstrate how to record screen video from given region in VB.NET

On this page you will learn from code samples for programming in VB.NET.Writing of the code to record screen video from given region in VB.NET can be done by developers of any level using ByteScout Screen Capturing SDK. ByteScout Screen Capturing SDK: the screen video recording SDK helps in quick implementation of screen video recording. WMV, AVI, WebM output options are available with adjustable quality, video size, framerate and video and audio codec. Includes special features like live multiple blacking out of selected areas, recording from web cam as main source and as overlay, optional watermarks for output video. It can record screen video from given region in VB.NET.

The SDK samples like this one below explain how to quickly make your application do record screen video from given region in VB.NET with the help of ByteScout Screen Capturing SDK. This VB.NET sample code is all you need for your app. Just copy and paste the code, add references (if needs to) and you are all set! Detailed tutorials and documentation are available along with installed ByteScout Screen Capturing SDK if you'd like to dive deeper into the topic and the details of the API.

Download free trial version of ByteScout Screen Capturing SDK from our website with this and other source code samples for VB.NET.

FOR MORE INFORMATION AND FREE TRIAL:

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Source Code Files:

Module1.vb

```vb
Imports System.Threading
Imports System.Diagnostics

Imports BytescoutScreenCapturingLib ' import bytescout screen capturer activex object

' NOTE: if you are getting error like "invalid image" related to loading the SDK's dll
' try to do the following:
' 1) remove the reference to the SDK by View - Solution Explorer
' then click on References, select Bytescout... reference name and right-click it and s
' 2) To re-add click on the menu: Project - Add Reference
' 3) In "Add Reference" dialog switch to "COM" tab and find Bytescout...
' 4) Select it and click "Add"
' 5) Recompile the application
' Note: if you need to run on both x64 and x86 then please make sure you have set "Embe

Module Module1

    Sub Main()
        ' create capturer class
        Dim capturer As New Capturer()
        ' set capturing area to the region type (to capture from given region on the sc
        capturer.CapturingType = CaptureAreaType.catRegion

        ' output video filename
        capturer.OutputFileName = "GivenRegionCaptured.wmv" ' set output video filename

        ' set coordinates of the region to capture video from
        capturer.CaptureRectLeft = 50
        capturer.CaptureRectTop = 50

        capturer.CaptureRectWidth = 640
        capturer.CaptureRectHeight = 480

        ' // WMV and WEBM output use WMVVideoBitrate property to control output video b
        ' // so try to increase it by x2 or x3 times if you think the output video are
        ' capturer.WMVVideoBitrate = capturer.WMVVideoBitrate * 2


        ' set width and height of output video
        capturer.OutputWidth = 640
        capturer.OutputHeight = 480

        ' set border style
        capturer.CaptureAreaBorderType = CaptureAreaBorderType.cabtDashed

        ' uncomment to set Bytescout Lossless Video format output video compression met
        ' do not forget to set file to .avi format if you use Video Codec Name
        ' capturer.CurrentVideoCodecName = "Bytescout Lossless"

        ' uncomment to enable recording of semitransparent or layered windows (Warning
        ' capturer.CaptureTransparentControls = true
```

```vbnet
        ' start capturing
        capturer.Run()

        '// IMPORTANT: if you want to check for some code if need to stop the recording
        '// using Thread.Sleep(1) inside the checking loop, so you have the loop like
        '// Do {
        '// Thread.Sleep(1)
        '// }
        '// While(StopButtonNotClicked);



        Console.WriteLine("Capturing entire screen for 15 seconds...")

        ' wait for 15 seconds
        Thread.Sleep(15000)

        ' stop capturing and flush WMV or AVI video file into the disk
        capturer.Stop()

        ' Release(Resources)
        System.Runtime.InteropServices.Marshal.ReleaseComObject(capturer)
        capturer = Nothing


        Console.WriteLine("Done.")

        ' open the output video
        Process.Start("GivenRegionCaptured.wmv")
    End Sub

End Module
```

VIDEO

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

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ON-DEMAND REST WEB API

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