

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.

VB.NET - Module1.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 then
' 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
select Remove
' 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
"Embed Interop Types" to True for this reference

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
screen)
    capturer.CapturingType = CaptureAreaType.catRegion

    ' output video filename
    capturer.OutputFileName = "GivenRegionCaptured.wmv" ' set output video
filename to .WMV or .AVI file

    ' 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
bitrate
    ' // so try to increase it by x2 or x3 times if you think the output video
are you are getting is laggy
    ' 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
method
    ' 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: may cause mouse cursor flickering)
    ' capturer.CaptureTransparentControls = true

    ' start capturing
    capturer.Run()

    ' // IMPORTANT: if you want to check for some code if need to stop the
recording then make sure you are
    ' // 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
```

FOR MORE INFORMATION AND FREE TRIAL:

[Download Free Trial SDK \(on-premise version\)](#)

[Read more about ByteScout Screen Capturing SDK](#)

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