

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

Write code in VB.NET to record screen video from region around mouse with this step-by-step tutorial

Source code documentation samples provide quick and easy way to add a required functionality into your application. Want to record screen video from region around mouse in your VB.NET app? ByteScout Screen Capturing SDK is designed for it. ByteScout Screen Capturing SDK is 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.

You will save a lot of time on writing and testing code as you may just take the VB.NET code from ByteScout Screen Capturing SDK for record screen video from region around mouse below and use it in your application. Follow the instructions from the scratch to work and copy the VB.NET code. Code testing will allow the function to be tested and work properly with your data.

ByteScout Screen Capturing SDK free trial version is available on our website. VB.NET and other programming languages are supported.

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

' set width and height of the rectangle around the mouse to capture video
from
capturer.CaptureRectWidth = 320
capturer.CaptureRectHeight = 240

' set width and height of output video
capturer.OutputWidth = 640
capturer.OutputHeight = 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 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("RegionAroundMouseCaptured.wmv")
```

```
End Sub
```

```
End Module
```

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FOR MORE INFORMATION AND FREE TRIAL:

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

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

[Explore documentation](#)

[Visit \[www.ByteScout.com\]\(http://www.ByteScout.com\)](#)

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