

# How to capture from entire screen into WEBM video in VB.NET and ByteScout Screen Capturing SDK

## How to capture from entire screen into WEBM video in VB.NET

The sample source codes on this page shows how to capture from entire screen into WEBM video in VB.NET. What is ByteScout Screen Capturing SDK? It is the SDK for developers for quick implementation of screen video recording. The SDK records screen into video or into a series of screenshots. Can also record audio. Saves video into AVI,WMV and Google's WebM. Output video quality, size, resolution or framerate can be adjusted easily. Provides additional tools for privacy features like blacking out on screen areas with sensitive information on screen right during recording. Supports web camera as input and can add instant text and images into video output. It can help you to capture from entire screen into WEBM video in your VB.NET application.

This code snippet below for ByteScout Screen Capturing SDK works best when you need to quickly capture from entire screen into WEBM video in your VB.NET application. Follow the instructions from the scratch to work and copy the VB.NET code. Test VB.NET sample code examples whether they respond your needs and requirements for the project.

ByteScout free trial version is available for download from our website. It includes all these programming tutorials along with source code samples.

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.catScreen
    ' output video filename
    capturer.OutputFileName = "EntireScreenCaptured.webm" ' set output video
filename to .WMV, .WEBM or .AVI file

    ' 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

    ' 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);

    '// 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 25 seconds...")

    ' wait for 25 seconds
    Thread.Sleep(25000)

    ' stop capturing and flush 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("EntireScreenCaptured.webm")

End Sub

End Module
```

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

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

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