

multiple barcode generation with barcode sdk in VB.NET using ByteScout Premium Suite

Build multiple barcode generation with barcode sdk in VB.NET

:

Step-by-step instructions on how to do multiple barcode generation with barcode sdk in VB.NET

Writing of the code to multiple barcode generation with barcode sdk in VB.NET can be done by developers of any level using ByteScout Premium Suite. ByteScout Premium Suite was made to help with multiple barcode generation with barcode sdk in VB.NET. ByteScout Premium Suite is the set that includes 12 SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording.

If you want to quickly learn then these fast application programming interfaces of ByteScout Premium Suite for VB.NET plus the guideline and the VB.NET code below will help you quickly learn multiple barcode generation with barcode sdk. To use multiple barcode generation with barcode sdk in your VB.NET project or application just copy & paste the code and then run your app! Use of ByteScout Premium Suite in VB.NET is also described in the documentation included along with the product.

Trial version along with the source code samples for VB.NET can be downloaded from our website

FOR MORE INFORMATION AND FREE TRIAL:

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

[Read more about ByteScout Premium Suite](#)

[Explore API Documentation](#)

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[Get Free API key for Web API](#)

[visit www.Bytescout.com](http://www.Bytescout.com)

Source Code Files:

Form1.Designer.vb

```
Partial Class Form1
    ''' <summary>
    ''' Required designer variable.
    ''' </summary>
    Private components As System.ComponentModel.IContainer = Nothing

    ''' <summary>
    ''' Clean up any resources being used.
    ''' </summary>
    ''' <param name="disposing">true if managed resources should be disposed; otherwise, false; otherwise, false if disposing of unmanaged objects.
    Protected Overrides Sub Dispose(disposing As Boolean)
        If disposing AndAlso (components IsNot Nothing) Then
            components.Dispose()
        End If
        MyBase.Dispose(disposing)
    End Sub

    #Region "Windows Form Designer generated code"

    ''' <summary>
    ''' Required method for Designer support - do not modify
    ''' the contents of this method with the code editor.
    ''' </summary>
    Private Sub InitializeComponent()
        Me.progressBar = New System.Windows.Forms.ProgressBar
        Me.groupBox3 = New System.Windows.Forms.GroupBox
        Me.label33 = New System.Windows.Forms.Label
        Me.label28 = New System.Windows.Forms.Label
        Me.tbValueTemplate = New System.Windows.Forms.TextBox
        Me.nudValueStartAt = New System.Windows.Forms.NumericUpDown
        Me.label24 = New System.Windows.Forms.Label
        Me.cmbValueDigits = New System.Windows.Forms.ComboBox
        Me.nudValueEndAt = New System.Windows.Forms.NumericUpDown
        Me.nudValueStepBy = New System.Windows.Forms.NumericUpDown
        Me.label30 = New System.Windows.Forms.Label
        Me.label31 = New System.Windows.Forms.Label
        Me.label32 = New System.Windows.Forms.Label
        Me.groupBox2 = New System.Windows.Forms.GroupBox
        Me.nudCounterStartAt = New System.Windows.Forms.NumericUpDown
        Me.label25 = New System.Windows.Forms.Label
        Me.label34 = New System.Windows.Forms.Label
        Me.label22 = New System.Windows.Forms.Label
        Me.cmbCounterDigits = New System.Windows.Forms.ComboBox
        Me.tbFileNameTemplate = New System.Windows.Forms.TextBox
        Me.label26 = New System.Windows.Forms.Label
        Me.nudCounterStepBy = New System.Windows.Forms.NumericUpDown
        Me.label27 = New System.Windows.Forms.Label
        Me.btnGenerate = New System.Windows.Forms.Button
        Me.label29 = New System.Windows.Forms.Label
        Me.cmbImageFormat = New System.Windows.Forms.ComboBox
    End Sub
End Class
```

```

Me.label1 = New System.Windows.Forms.Label
Me.cmbBarcodeType = New System.Windows.Forms.ComboBox
Me.groupBox3.SuspendLayout()
CType(Me.nudValueStartAt, System.ComponentModel.ISupportInitialize).BeginInit()
CType(Me.nudValueEndAt, System.ComponentModel.ISupportInitialize).BeginInit()
CType(Me.nudValueStepBy, System.ComponentModel.ISupportInitialize).BeginInit()
Me.groupBox2.SuspendLayout()
CType(Me.nudCounterStartAt, System.ComponentModel.ISupportInitialize).BeginInit()
CType(Me.nudCounterStepBy, System.ComponentModel.ISupportInitialize).BeginInit()
Me.SuspendLayout()
'
'progressBar
'
Me.progressBar.Anchor = CType(((System.Windows.Forms.AnchorStyles.Bottom Or System.Windows.Forms.AnchorStyles.Right), System.Windows.Forms.AnchorStyles))
Me.progressBar.Location = New System.Drawing.Point(175, 395)
Me.progressBar.Name = "progressBar"
Me.progressBar.Size = New System.Drawing.Size(213, 10)
Me.progressBar.TabIndex = 22
Me.progressBar.Visible = False
'
'groupBox3
'
Me.groupBox3.Anchor = CType(((System.Windows.Forms.AnchorStyles.Top Or System.Windows.Forms.AnchorStyles.Right), System.Windows.Forms.AnchorStyles))
Me.groupBox3.Controls.Add(Me.label33)
Me.groupBox3.Controls.Add(Me.label28)
Me.groupBox3.Controls.Add(Me.tbValueTemplate)
Me.groupBox3.Controls.Add(Me.nudValueStartAt)
Me.groupBox3.Controls.Add(Me.label24)
Me.groupBox3.Controls.Add(Me.cmbValueDigits)
Me.groupBox3.Controls.Add(Me.nudValueEndAt)
Me.groupBox3.Controls.Add(Me.nudValueStepBy)
Me.groupBox3.Controls.Add(Me.label30)
Me.groupBox3.Controls.Add(Me.label31)
Me.groupBox3.Controls.Add(Me.label32)
Me.groupBox3.Font = New System.Drawing.Font("Tahoma", 8.25!, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point, CType(0, Byte))
Me.groupBox3.Location = New System.Drawing.Point(12, 43)
Me.groupBox3.Name = "groupBox3"
Me.groupBox3.Size = New System.Drawing.Size(376, 160)
Me.groupBox3.TabIndex = 18
Me.groupBox3.TabStop = False
Me.groupBox3.Text = "Barcode Value"
'
'label33
'
Me.label33.AutoSize = True
Me.label33.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25!)
Me.label33.Location = New System.Drawing.Point(6, 52)
Me.label33.Name = "label33"
Me.label33.Size = New System.Drawing.Size(47, 13)
Me.label33.TabIndex = 18
Me.label33.Text = "Counter:"
'
'label28
'
Me.label28.AutoSize = True
Me.label28.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25!)
Me.label28.Location = New System.Drawing.Point(6, 23)
Me.label28.Name = "label28"

```

```

Me.label28.Size = New System.Drawing.Size(51, 13)
Me.label28.TabIndex = 17
Me.label28.Text = "Template"
,
'tbValueTemplate
,
Me.tbValueTemplate.Anchor = CType(((System.Windows.Forms.AnchorStyles.Top Or System.Windows.Forms.AnchorStyles.Right), System.Windows.Forms.AnchorStyles), System.Windows.Forms.AnchorStyles)
Me.tbValueTemplate.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25F, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point(0))
Me.tbValueTemplate.Location = New System.Drawing.Point(106, 20)
Me.tbValueTemplate.Name = "tbValueTemplate"
Me.tbValueTemplate.Size = New System.Drawing.Size(264, 20)
Me.tbValueTemplate.TabIndex = 16
Me.tbValueTemplate.Text = "[N]"
,
'nudValueStartAt
,
Me.nudValueStartAt.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25F, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point(0))
Me.nudValueStartAt.Location = New System.Drawing.Point(106, 49)
Me.nudValueStartAt.Maximum = New Decimal(New Integer() {1410065408}, 2, 0, 0)
Me.nudValueStartAt.Name = "nudValueStartAt"
Me.nudValueStartAt.Size = New System.Drawing.Size(63, 20)
Me.nudValueStartAt.TabIndex = 0
Me.nudValueStartAt.Value = New Decimal(New Integer() {1}, 0, 0, 0)
,
'label24
,
Me.label24.AutoSize = True
Me.label24.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25F, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point(0))
Me.label24.Location = New System.Drawing.Point(59, 53)
Me.label24.Name = "label24"
Me.label24.Size = New System.Drawing.Size(41, 13)
Me.label24.TabIndex = 5
Me.label24.Text = "Start at"
,
'cmbValueDigits
,
Me.cmbValueDigits.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25F, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point(0))
Me.cmbValueDigits.FormattingEnabled = True
Me.cmbValueDigits.Items.AddRange(New Object() {"1", "2", "3", "4", "5", "6", "7", "8", "9", "0"})
Me.cmbValueDigits.Location = New System.Drawing.Point(106, 127)
Me.cmbValueDigits.Name = "cmbValueDigits"
Me.cmbValueDigits.Size = New System.Drawing.Size(63, 21)
Me.cmbValueDigits.TabIndex = 3
Me.cmbValueDigits.Text = "3"
,
'nudValueEndAt
,
Me.nudValueEndAt.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25F, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point(0))
Me.nudValueEndAt.Location = New System.Drawing.Point(106, 101)
Me.nudValueEndAt.Maximum = New Decimal(New Integer() {1410065408}, 2, 0, 0)
Me.nudValueEndAt.Name = "nudValueEndAt"
Me.nudValueEndAt.Size = New System.Drawing.Size(63, 20)
Me.nudValueEndAt.TabIndex = 2
Me.nudValueEndAt.Value = New Decimal(New Integer() {100}, 0, 0, 0)
,
'nudValueStepBy
,
Me.nudValueStepBy.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25F, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point(0))
Me.nudValueStepBy.Location = New System.Drawing.Point(106, 75)

```

```

Me.nudValueStepBy.Maximum = New Decimal(New Integer() {1410065408, 2, 0, 0})
Me.nudValueStepBy.Minimum = New Decimal(New Integer() {1, 0, 0, 0})
Me.nudValueStepBy.Name = "nudValueStepBy"
Me.nudValueStepBy.Size = New System.Drawing.Size(63, 20)
Me.nudValueStepBy.TabIndex = 1
Me.nudValueStepBy.Value = New Decimal(New Integer() {1, 0, 0, 0})
,
'label30
,
Me.label30.AutoSize = True
Me.label30.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25!)
Me.label30.Location = New System.Drawing.Point(59, 130)
Me.label30.Name = "label30"
Me.label30.Size = New System.Drawing.Size(33, 13)
Me.label30.TabIndex = 9
Me.label30.Text = "Digits"
,
'label31
,
Me.label31.AutoSize = True
Me.label31.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25!)
Me.label31.Location = New System.Drawing.Point(59, 105)
Me.label31.Name = "label31"
Me.label31.Size = New System.Drawing.Size(38, 13)
Me.label31.TabIndex = 12
Me.label31.Text = "End at"
,
'label32
,
Me.label32.AutoSize = True
Me.label32.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25!)
Me.label32.Location = New System.Drawing.Point(59, 79)
Me.label32.Name = "label32"
Me.label32.Size = New System.Drawing.Size(43, 13)
Me.label32.TabIndex = 8
Me.label32.Text = "Step by"
,
'groupBox2
,
Me.groupBox2.Anchor = CType(((System.Windows.Forms.AnchorStyles.Top Or System.W
Or System.Windows.Forms.AnchorStyles.Right), System.Windows.Forms.A
Me.groupBox2.Controls.Add(Me.nudCounterStartAt)
Me.groupBox2.Controls.Add(Me.label25)
Me.groupBox2.Controls.Add(Me.label34)
Me.groupBox2.Controls.Add(Me.label22)
Me.groupBox2.Controls.Add(Me.cmbCounterDigits)
Me.groupBox2.Controls.Add(Me.tbFileNameTemplate)
Me.groupBox2.Controls.Add(Me.label26)
Me.groupBox2.Controls.Add(Me.nudCounterStepBy)
Me.groupBox2.Controls.Add(Me.label27)
Me.groupBox2.Font = New System.Drawing.Font("Tahoma", 8.25!, System.Drawing.For
Me.groupBox2.Location = New System.Drawing.Point(12, 210)
Me.groupBox2.Name = "groupBox2"
Me.groupBox2.Size = New System.Drawing.Size(376, 131)
Me.groupBox2.TabIndex = 16
Me.groupBox2.TabStop = False
Me.groupBox2.Text = "File Name"
,
'nudCounterStartAt
,

```

```

Me.nudCounterStartAt.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25!)
Me.nudCounterStartAt.Location = New System.Drawing.Point(106, 47)
Me.nudCounterStartAt.Maximum = New Decimal(New Integer() {1410065408, 2, 0, 0})
Me.nudCounterStartAt.Name = "nudCounterStartAt"
Me.nudCounterStartAt.Size = New System.Drawing.Size(63, 20)
Me.nudCounterStartAt.TabIndex = 0
Me.nudCounterStartAt.Value = New Decimal(New Integer() {1, 0, 0, 0})
'
'label25
'
Me.label25.AutoSize = True
Me.label25.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25!)
Me.label25.Location = New System.Drawing.Point(59, 51)
Me.label25.Name = "label25"
Me.label25.Size = New System.Drawing.Size(41, 13)
Me.label25.TabIndex = 5
Me.label25.Text = "Start at"
'
'label34
'
Me.label34.AutoSize = True
Me.label34.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25!)
Me.label34.Location = New System.Drawing.Point(6, 50)
Me.label34.Name = "label34"
Me.label34.Size = New System.Drawing.Size(47, 13)
Me.label34.TabIndex = 19
Me.label34.Text = "Counter:"
'
'label22
'
Me.label22.AutoSize = True
Me.label22.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25!)
Me.label22.Location = New System.Drawing.Point(6, 23)
Me.label22.Name = "label22"
Me.label22.Size = New System.Drawing.Size(51, 13)
Me.label22.TabIndex = 19
Me.label22.Text = "Template"
'
'cmbCounterDigits
'
Me.cmbCounterDigits.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25!)
Me.cmbCounterDigits.FormattingEnabled = True
Me.cmbCounterDigits.Items.AddRange(New Object() {"1", "2", "3", "4", "5", "6"},
Me.cmbCounterDigits.Location = New System.Drawing.Point(106, 99)
Me.cmbCounterDigits.Name = "cmbCounterDigits"
Me.cmbCounterDigits.Size = New System.Drawing.Size(63, 21)
Me.cmbCounterDigits.TabIndex = 3
Me.cmbCounterDigits.Text = "3"
'
'tbFileNameTemplate
'
Me.tbFileNameTemplate.Anchor = CType(((System.Windows.Forms.AnchorStyles.Top Or
Or System.Windows.Forms.AnchorStyles.Right), System.Windows.Forms.A
Me.tbFileNameTemplate.Font = New System.Drawing.Font("Microsoft Sans Serif", 8
Me.tbFileNameTemplate.Location = New System.Drawing.Point(106, 20)
Me.tbFileNameTemplate.Name = "tbFileNameTemplate"
Me.tbFileNameTemplate.Size = New System.Drawing.Size(264, 20)
Me.tbFileNameTemplate.TabIndex = 0
Me.tbFileNameTemplate.Text = "barcode[N]"
'

```

```

'label26
,
Me.label26.AutoSize = True
Me.label26.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25!)
Me.label26.Location = New System.Drawing.Point(59, 77)
Me.label26.Name = "label26"
Me.label26.Size = New System.Drawing.Size(43, 13)
Me.label26.TabIndex = 8
Me.label26.Text = "Step by"
,
'nudCounterStepBy
,
Me.nudCounterStepBy.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25!)
Me.nudCounterStepBy.Location = New System.Drawing.Point(106, 73)
Me.nudCounterStepBy.Maximum = New Decimal(New Integer() {1410065408, 2, 0, 0})
Me.nudCounterStepBy.Minimum = New Decimal(New Integer() {1, 0, 0, 0})
Me.nudCounterStepBy.Name = "nudCounterStepBy"
Me.nudCounterStepBy.Size = New System.Drawing.Size(63, 20)
Me.nudCounterStepBy.TabIndex = 1
Me.nudCounterStepBy.Value = New Decimal(New Integer() {1, 0, 0, 0})
,
'label27
,
Me.label27.AutoSize = True
Me.label27.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25!)
Me.label27.Location = New System.Drawing.Point(59, 102)
Me.label27.Name = "label27"
Me.label27.Size = New System.Drawing.Size(33, 13)
Me.label27.TabIndex = 9
Me.label27.Text = "Digits"
,
'btnGenerate
,
Me.btnGenerate.Anchor = CType(((System.Windows.Forms.AnchorStyles.Bottom Or System.Windows.Forms.AnchorStyles.Right), System.Windows.Forms.AnchorStyles), System.Windows.Forms.AnchorStyles)
Me.btnGenerate.Font = New System.Drawing.Font("Tahoma", 8.25!, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point(0))
Me.btnGenerate.Image = Global.MultipleBarcodeGeneration.My.Resources.Resources.ButtonGenerate
Me.btnGenerate.Location = New System.Drawing.Point(174, 353)
Me.btnGenerate.Name = "btnGenerate"
Me.btnGenerate.Padding = New System.Windows.Forms.Padding(3, 0, 3, 0)
Me.btnGenerate.Size = New System.Drawing.Size(214, 41)
Me.btnGenerate.TabIndex = 20
Me.btnGenerate.Text = "Generate multiple barcodes"
Me.btnGenerate.TextAlign = System.Drawing.ContentAlignment.MiddleRight
Me.btnGenerate.TextImageRelation = System.Windows.Forms.TextImageRelation.ImageBeforeText
Me.btnGenerate.UseVisualStyleBackColor = True
,
'label29
,
Me.label29.Anchor = CType((System.Windows.Forms.AnchorStyles.Bottom Or System.Windows.Forms.AnchorStyles.Right), System.Windows.Forms.AnchorStyles)
Me.label29.AutoSize = True
Me.label29.Font = New System.Drawing.Font("Tahoma", 8.25!, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point(0))
Me.label29.Location = New System.Drawing.Point(7, 367)
Me.label29.Name = "label29"
Me.label29.Size = New System.Drawing.Size(86, 13)
Me.label29.TabIndex = 21
Me.label29.Text = "Image format"
,
'cmbImageFormat
,

```

```

Me.cmbImageFormat.Anchor = CType((System.Windows.Forms.AnchorStyles.Bottom Or S
Me.cmbImageFormat.DropDownStyle = System.Windows.Forms.ComboBoxStyle.DropDownL
Me.cmbImageFormat.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25!)
Me.cmbImageFormat.FormattingEnabled = True
Me.cmbImageFormat.Items.AddRange(New Object() {"PNG", "JPG", "BMP", "TIFF", "G
Me.cmbImageFormat.Location = New System.Drawing.Point(99, 364)
Me.cmbImageFormat.Name = "cmbImageFormat"
Me.cmbImageFormat.Size = New System.Drawing.Size(67, 21)
Me.cmbImageFormat.TabIndex = 19
'
' label1
'
Me.label1.AutoSize = True
Me.label1.Font = New System.Drawing.Font("Tahoma", 8.25!, System.Drawing.FontS
Me.label1.Location = New System.Drawing.Point(7, 19)
Me.label1.Name = "label1"
Me.label1.Size = New System.Drawing.Size(82, 13)
Me.label1.TabIndex = 24
Me.label1.Text = "Barcode type"
'
' cmbBarcodeType
'
Me.cmbBarcodeType.Anchor = CType(((System.Windows.Forms.AnchorStyles.Top Or Sys
Or System.Windows.Forms.AnchorStyles.Right), System.Windows.Forms.A
Me.cmbBarcodeType.DropDownStyle = System.Windows.Forms.ComboBoxStyle.DropDownL
Me.cmbBarcodeType.Font = New System.Drawing.Font("Microsoft Sans Serif", 8.25!)
Me.cmbBarcodeType.FormattingEnabled = True
Me.cmbBarcodeType.Location = New System.Drawing.Point(118, 16)
Me.cmbBarcodeType.Name = "cmbBarcodeType"
Me.cmbBarcodeType.Size = New System.Drawing.Size(269, 21)
Me.cmbBarcodeType.TabIndex = 23
'
' Form1
'
Me.AutoScaleDimensions = New System.Drawing.SizeF(6.0!, 13.0!)
Me.AutoScaleMode = System.Windows.Forms.AutoScaleModeMode.Font
Me.ClientSize = New System.Drawing.Size(401, 414)
Me.Controls.Add(Me.label1)
Me.Controls.Add(Me.cmbBarcodeType)
Me.Controls.Add(Me.progressBar)
Me.Controls.Add(Me.groupBox3)
Me.Controls.Add(Me.groupBox2)
Me.Controls.Add(Me.btnGenerate)
Me.Controls.Add(Me.label29)
Me.Controls.Add(Me.cmbImageFormat)
Me.Name = "Form1"
Me.StartPosition = System.Windows.Forms.FormStartPosition.CenterScreen
Me.Text = "Multiple Barcode Generation"
Me.groupBox3.ResumeLayout(False)
Me.groupBox3.PerformLayout()
CType(Me.nudValueStartAt, System.ComponentModel.ISupportInitialize).EndInit()
CType(Me.nudValueEndAt, System.ComponentModel.ISupportInitialize).EndInit()
CType(Me.nudValueStepBy, System.ComponentModel.ISupportInitialize).EndInit()
Me.groupBox2.ResumeLayout(False)
Me.groupBox2.PerformLayout()
CType(Me.nudCounterStartAt, System.ComponentModel.ISupportInitialize).EndInit()
CType(Me.nudCounterStepBy, System.ComponentModel.ISupportInitialize).EndInit()
Me.ResumeLayout(False)
Me.PerformLayout()

```



```
End Sub
```

```
#End Region
```

```
Private progressBar As System.Windows.Forms.ProgressBar  
Private groupBox3 As System.Windows.Forms.GroupBox  
Private label33 As System.Windows.Forms.Label  
Private label28 As System.Windows.Forms.Label  
Private tbValueTemplate As System.Windows.Forms.TextBox  
Private nudValueStartAt As System.Windows.Forms.NumericUpDown  
Private label24 As System.Windows.Forms.Label  
Private cmbValueDigits As System.Windows.Forms.ComboBox  
Private nudValueEndAt As System.Windows.Forms.NumericUpDown  
Private nudValueStepBy As System.Windows.Forms.NumericUpDown  
Private label30 As System.Windows.Forms.Label  
Private label31 As System.Windows.Forms.Label  
Private label32 As System.Windows.Forms.Label  
Private groupBox2 As System.Windows.Forms.GroupBox  
Private nudCounterStartAt As System.Windows.Forms.NumericUpDown  
Private label25 As System.Windows.Forms.Label  
Private label34 As System.Windows.Forms.Label  
Private label22 As System.Windows.Forms.Label  
Private cmbCounterDigits As System.Windows.Forms.ComboBox  
Private tbFileNameTemplate As System.Windows.Forms.TextBox  
Private label26 As System.Windows.Forms.Label  
Private nudCounterStepBy As System.Windows.Forms.NumericUpDown  
Private label27 As System.Windows.Forms.Label  
Private WithEvents btnGenerate As System.Windows.Forms.Button  
Private label29 As System.Windows.Forms.Label  
Private cmbImageFormat As System.Windows.Forms.ComboBox  
Private label1 As System.Windows.Forms.Label  
Private cmbBarcodeType As System.Windows.Forms.ComboBox
```

```
End Class
```

Form1.vb

```
Imports System.IO  
Imports System.Windows.Forms  
Imports Bytescout.BarCode  
  
Public Partial Class Form1  
    Inherits Form  
    Public Sub New()  
        InitializeComponent()  
  
        For Each st As SymbologyType In [Enum].GetValues(GetType(SymbologyType))  
            cmbBarcodeType.Items.Add(st)  
        Next
```

```

        cmbBarcodeType.SelectedIndex = 0
        cmbImageFormat.SelectedIndex = 0
    End Sub

Private Sub btnGenerate_Click(ByVal sender As Object, ByVal e As EventArgs) Handles
    Dim folderBrowserDialog As New FolderBrowserDialog()
    folderBrowserDialog.Description = "Select output folder"

    If folderBrowserDialog.ShowDialog() <> DialogResult.OK Then
        Return
    End If

    Dim fileNameTemplate As String = tbFileNameTemplate.Text & "." & Convert.ToStri
    Dim counterStartAt As UInteger = CUInt(Math.Truncate(nudCounterStartAt.Value))
    Dim counterStepBy As UInteger = CUInt(Math.Truncate(nudCounterStepBy.Value))
    Dim counterDigits As UInteger = Convert.ToUInt32(cmbCounterDigits.Text)

    If Not fileNameTemplate.Contains("[N]") Then
        MessageBox.Show("File name template does not contain the counter placeholder")
        Return
    End If

    Dim valueTemplate As String = tbValueTemplate.Text
    Dim valueStartAt As UInteger = CUInt(Math.Truncate(nudValueStartAt.Value))
    Dim valueStepBy As UInteger = CUInt(Math.Truncate(nudValueStepBy.Value))
    Dim valueEndAt As UInteger = CUInt(Math.Truncate(nudValueEndAt.Value))
    Dim valueDigits As UInteger = Convert.ToUInt32(cmbValueDigits.Text)

    If Not valueTemplate.Contains("[N]") Then
        MessageBox.Show("Barcode value template does not contain the counter placeholder")
        Return
    End If

    Cursor = Cursors.WaitCursor
    progressBar.Visible = True
    btnGenerate.Text = "Stop"

    Try
        progressBar.Value = CInt(valueStartAt)
        progressBar.Minimum = CInt(valueStartAt)
        progressBar.Maximum = CInt(valueEndAt)
        progressBar.Step = CInt(valueStepBy)

        GenerateBarcodes(valueTemplate, valueStartAt, valueEndAt, valueStepBy, value
        counterStartAt, counterStepBy, counterDigits, folderBrowserDialog.Selected
    Catch exception As Exception
        MessageBox.Show(exception.Message)
    Finally
        Cursor = Cursors.Default
        progressBar.Visible = False
        btnGenerate.Text = "Generate multiple barcodes"
    End Try
End Sub

Private Sub GenerateBarcodes(valueTemplate As String, valueStartAt As UInteger,
    counterStartAt As UInteger, counterStepBy As UInteger, counterDigits As
    Dim barcode As New Barcode()
    barcode.RegistrationKey = "demo"
    barcode.RegistrationName = "demo"

```

```

        barcode.Symbology = CType(cmbBarcodeType.SelectedItem, SymbologyType)
        ' Set up additional barcode properties here.
        'barcode.AdditionalCaption = "...";

        Dim c As UInteger = counterStartAt

        Dim i As UInteger = valueStartAt
        While i <= valueEndAt
            Dim value As String = String.Format("{0:D" & valueDigits & "}", i)
            Dim counter As String = String.Format("{0:D" & counterDigits & "}", c)
            Dim fileName As String = fileNameTemplate.Replace("[N]", counter)

            progressBar.PerformStep()

            barcode.Value = valueTemplate.Replace("[N]", value)

            barcode.SaveImage(Path.Combine(outputFolder, fileName))

            c += counterStepBy

            Application.DoEvents()
            i += valueStepBy
        End While
    End Sub
End Class

```

Program.vb

```

Imports System.Collections.Generic
Imports System.Windows.Forms

NotInheritable Class Program
    Private Sub New()
    End Sub
    ''' <summary>
    ''' The main entry point for the application.
    ''' </summary>
    <STAThread> _
    Friend Shared Sub Main()
        Application.EnableVisualStyles()
        Application.SetCompatibleTextRenderingDefault(False)
        Application.Run(New Form1())
    End Sub
End Class

```

VIDEO

<https://www.youtube.com/watch?v=NEwNs2b9YN8>

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