PlaceHolderExample.aspx

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1  <%@ Page Language="VB" AutoEventWireup="false" CodeFile="PlaceHolderExample.aspx.vb"
   Inherits="ReportWriterExamples_PlaceHolderExample" %>
2
```

PlaceHolderExample.aspx.vb

```
Imports System.Collections.Generic
Imports ceTe.DynamicPDF
Imports ceTe.DynamicPDF.LayoutEngine.LayoutElements
Imports ceTe.DynamicPDF.LayoutEngine
Imports ceTe.DynamicPDF.PageElements
Imports ceTe.DynamicPDF.PageElements.BarCoding


Partial Public Class ReportWriterExamples_PlaceHolderExample
    Inherits System.Web.UI.Page

    Protected Sub Page_Load(sender As Object, e As System.EventArgs) Handles Me.Load

        'Create the document's layout from a DLEX template
        Dim documentLayout As DocumentLayout = New DocumentLayout(Server.MapPath("PlaceHolder.dlex"))

        'Retrieve the placeholder for the dynamic image and attach an event to it
        Dim barcode As PlaceHolder = CType(documentLayout.GetLayoutElementById("Barcode"), PlaceHolder)
        AddHandler barcode.LaidOut, AddressOf barcode_LaidOut

        'Specify the Data to use when laying out the document
        Dim layoutData As NameValueLayoutData = New NameValueLayoutData()
        layoutData.Add("HeaderData", "Popular Websites")
        layoutData.Add("Websites", PlaceHolderExampleData.Websites)

        'Layout the PDF document
        Dim document As Document = documentLayout.Layout(layoutData)
        document.Author = "ceTe Software"
        document.Title = "PlaceHolder Example"

        'Outputs the document to a file
        document.DrawToWeb("ReportWriter_PlaceHolderExample.pdf")
    End Sub

    Private Shared Sub barcode_LaidOut(ByVal sender As Object, ByVal e As PlaceHolderLaidOutEventArgs)
        'Retrieve the image bytes from the layout data for the current record
        Dim url As String = e.LayoutWriter.Data("Url").ToString()

        ' Create a barcode page element from the data and set its properties
        Dim qrCode As QrCode = New QrCode(url, 0, 0, 2)

        ' Add the image to the placeholder's content area
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        e.ContentArea.Add(qrCode)
        e.ContentArea.Add(New Link(0, 0, qrCode.GetSymbolWidth(), qrCode.GetSymbolHeight(), New UrlAction(url)))
    End Sub

 Public Class PlaceHolderExampleData
    Public Class Website
        Public Property Name As String
        Public Property Description As String
        Public Property Url As String
    End Class

    Private Shared websites_1 As List(Of Website) = New List(Of Website)() From {
        New Website With {.Name = "DynamicPDF", .Description = "Founded in 2002, DynamicPDF is a leader in PDF SDKs and
libraries.", .Url = "https://www.dynamicpdf.com"},
        New Website With {.Name = "Facebook", .Description = "Founded in 2004, Facebook is a popular social networking
website.", .Url = "https://www.facebook.com"},
        New Website With {.Name = "Google", .Description = "Founded in 1997, Google is a popular search engine.", .Url =
"https://www.google.com"},
        New Website With {.Name = "Twitter", .Description = "Founded in 2006, Twitter is a popular news and social media
website.", .Url = "https://twitter.com"}
    }

    Public Shared ReadOnly Property Websites As List(Of Website)
        Get
            Return websites_1
        End Get
    End Property
End Class
End Class

```