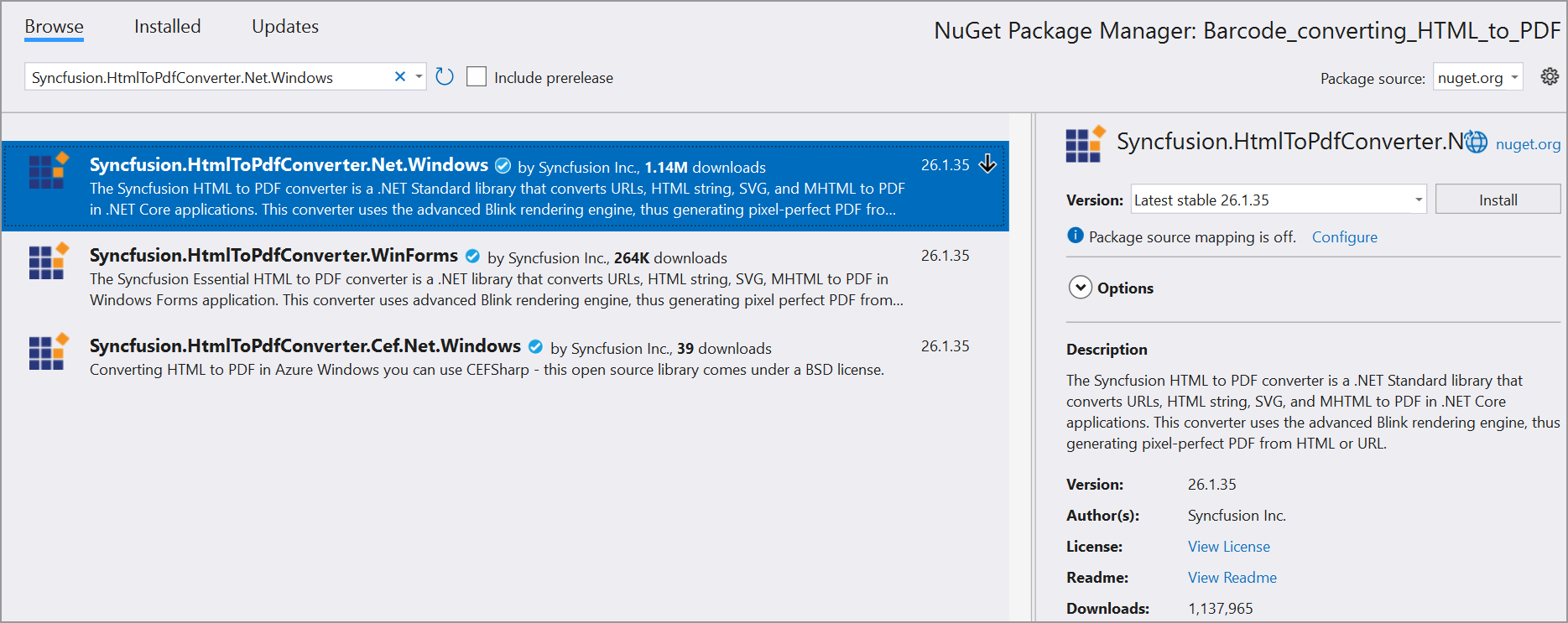
**How to insert a barcode to ASP.NET Core PDF using C#**

The Syncfusion Essential® PDF is a feature-rich and high performance [**.NET PDF library**](https://www.syncfusion.com/document-processing/pdf-framework/net) used to create, read, and edit PDF documents programmatically without Adobe dependencies. Using this library, you can insert a barcode when converting HTML to PDF document using C#.

**Steps to insert a barcode when converting HTML to PDF document programmatically:**

1. Create a new console application project.A screenshot of a computer

   AI-generated content may be incorrect.
2. Install the **[Syncfusion.HtmlToPdfConverter.Net.Windows](https://www.nuget.org/packages/Syncfusion.HtmlToPdfConverter.Net.Windows" \t "_blank)** NuGet package as a reference to your console application from [**Nuget.org**](https://www.nuget.org/).



1. Include the following namespaces in the Program.cs file.

**C#**

using **Syncfusion**.Pdf.Barcode;

using **Syncfusion**.Pdf;

using **Syncfusion**.HtmlConverter;

using **Syncfusion**.Drawing;

[**VB.NET**](http://vb.net/)

**Imports** **Syncfusion**.Pdf.Barcode

**Imports** **Syncfusion**.Pdf

**Imports** **Syncfusion**.HtmlConverter

**Imports** **Syncfusion**.Drawing

1. Use the following code sample in Program.cs to insert a barcode when converting HTML to PDF document

**C#**

// Create an instance of the HtmlToPdfConverter class

**HtmlToPdfConverter** htmlConverter = **new** **HtmlToPdfConverter**();

// Create an instance of the BlinkConverterSettings class

**BlinkConverterSettings** blinkConverterSettings = **new** **BlinkConverterSettings**();

// Set Blink viewport size to 800 width and auto height

blinkConverterSettings.ViewPortSize = **new** **Size**(800, 0);

// Assign Blink converter settings to HTML converter

htmlConverter.ConverterSettings = blinkConverterSettings;

// Convert the given HTML string to a PDF document

**PdfDocument** document = htmlConverter.**Convert**("<!DOCTYPE html>\r\n<html>\r\n \r\n<head>\r\n <title>\r\n First Web Page\r\n </title>\r\n</head>\r\n \r\n<body>\r\n Hello World!\r\n</body>\r\n \r\n</html>", string.Empty);

// Get the first page of the PDF document

**PdfPage** page = document.Pages[0];

// Create an instance of the PdfQRBarcode class

**PdfQRBarcode** barcode = **new** **PdfQRBarcode**();

// Set the error correction level to high

barcode.ErrorCorrectionLevel = **PdfErrorCorrectionLevel**.High;

// Set the XDimension to 3

barcode.XDimension = 3;

// Set the text to be encoded in the QR code

barcode.Text = "https://www.syncfusion.com";

// Draw the barcode on the first page of the PDF document at the specified position

barcode.**Draw**(page, **new** **PointF**(25, 70));

// Create a file stream to save the PDF document

**FileStream** fileStream = **new** **FileStream**("HTML-to-PDF.pdf", **FileMode**.Create, **FileAccess**.ReadWrite);

// Save the PDF document to the file stream

document.**Save**(fileStream);

// Close the PDF document to release all resources

document.**Close**(true);

[**VB.NET**](http://vb.net/)

' Create an instance of the HtmlToPdfConverter class

Dim htmlConverter As New HtmlToPdfConverter()

' **Create** an instance **of** the **BlinkConverterSettings** **class**

**Dim** blinkConverterSettings **As** **New** **BlinkConverterSettings**()

' Set Blink viewport size to 800 width and auto height

blinkConverterSettings.ViewPortSize = New Size(800, 0)

' **Assign** **Blink** converter settings to HTML converter

htmlConverter.ConverterSettings = blinkConverterSettings

' Convert the given HTML string to a PDF document

Dim document As PdfDocument = htmlConverter.Convert("<!DOCTYPE html>" & vbCrLf & "<html>" & vbCrLf & " " & vbCrLf & "<head>" & vbCrLf & " <title>" & vbCrLf & " First Web Page" & vbCrLf & " </title>" & vbCrLf & "</head>" & vbCrLf & " " & vbCrLf & "<body>" & vbCrLf & " Hello World!" & vbCrLf & "</body>" & vbCrLf & " " & vbCrLf & "</html>", String.Empty)

' **Get** the first page **of** the PDF document

**Dim** pdfLoadedPage **As** page = document.**Pages**(0)

' Create an instance of the PdfQRBarcode class

Dim barcode As New PdfQRBarcode()

' **Set** the error correction level to high

barcode.ErrorCorrectionLevel = **PdfErrorCorrectionLevel**.High

' Set the XDimension to 3

barcode.XDimension = 3

' **Set** the text to be encoded **in** the QR code

barcode.Text = "http://www.syncfusion.com"

' Draw the barcode on the first page of the PDF document at the specified position

barcode.Draw(page, New PointF(25, 70))

' **Create** a file stream to save the PDF document

**Using** fileStream **As** **New** **FileStream**("HTML-to-PDF.pdf", **FileMode**.Create, **FileAccess**.ReadWrite)

' Save the PDF document to the file stream

document.Save(fileStream)

End Using

' **Close** the PDF document and release all resources

document.**Close**(**True**)

A complete working sample can be downloaded from [**Insert\_barcode\_converting\_HTML\_to\_PDF.zip**](https://www.syncfusion.com/downloads/support/directtrac/general/ze/Barcode_converting_HTML_to_PDF467162237.zip)

By executing the program, you will get the PDF document as follows.A screenshot of a computer

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Take a moment to peruse the [**documentation**](https://help.syncfusion.com/file-formats/pdf/converting-html-to-pdf), where you can find converting HTML pages to PDF document along with respective customization options and features.

Refer [**here**](https://www.syncfusion.com/document-processing/pdf-framework/net)to explore the rich set of Syncfusion Essential® PDF features.

**Conclusion**

I hope you enjoyed learning about how to insert a barcode to [**ASP.NET**](http://asp.net/) PDF using C#?

You can refer to our [**ASP.NET Core PDF feature tour**](https://www.syncfusion.com/document-processing/pdf-framework/net) page to know about its other groundbreaking feature representations and [**documentation**](https://help.syncfusion.com/file-formats/pdf/create-pdf-file-in-asp-net-core), and how to quickly get started for configuration specifications. You can also explore our [**ASP.NET Core PDF example**](https://www.syncfusion.com/demos/fileformats/pdf-library) to understand how to create and manipulate data.

For current customers, you can check out our components from the [**License and Downloads**](https://www.syncfusion.com/sales/teamlicense) page. If you are new to Syncfusion®, you can try our 30-day [**free trial**](https://www.syncfusion.com/downloads/fileformats) to check out our other controls.

If you have any queries or require clarifications, please let us know in the comments section below. You can also contact us through our [**support forums**](https://www.syncfusion.com/forums), [**Direct-Trac**](https://support.syncfusion.com/support/tickets/create), or [**feedback portal**](https://www.syncfusion.com/feedback/pdf). We are always happy to assist you!