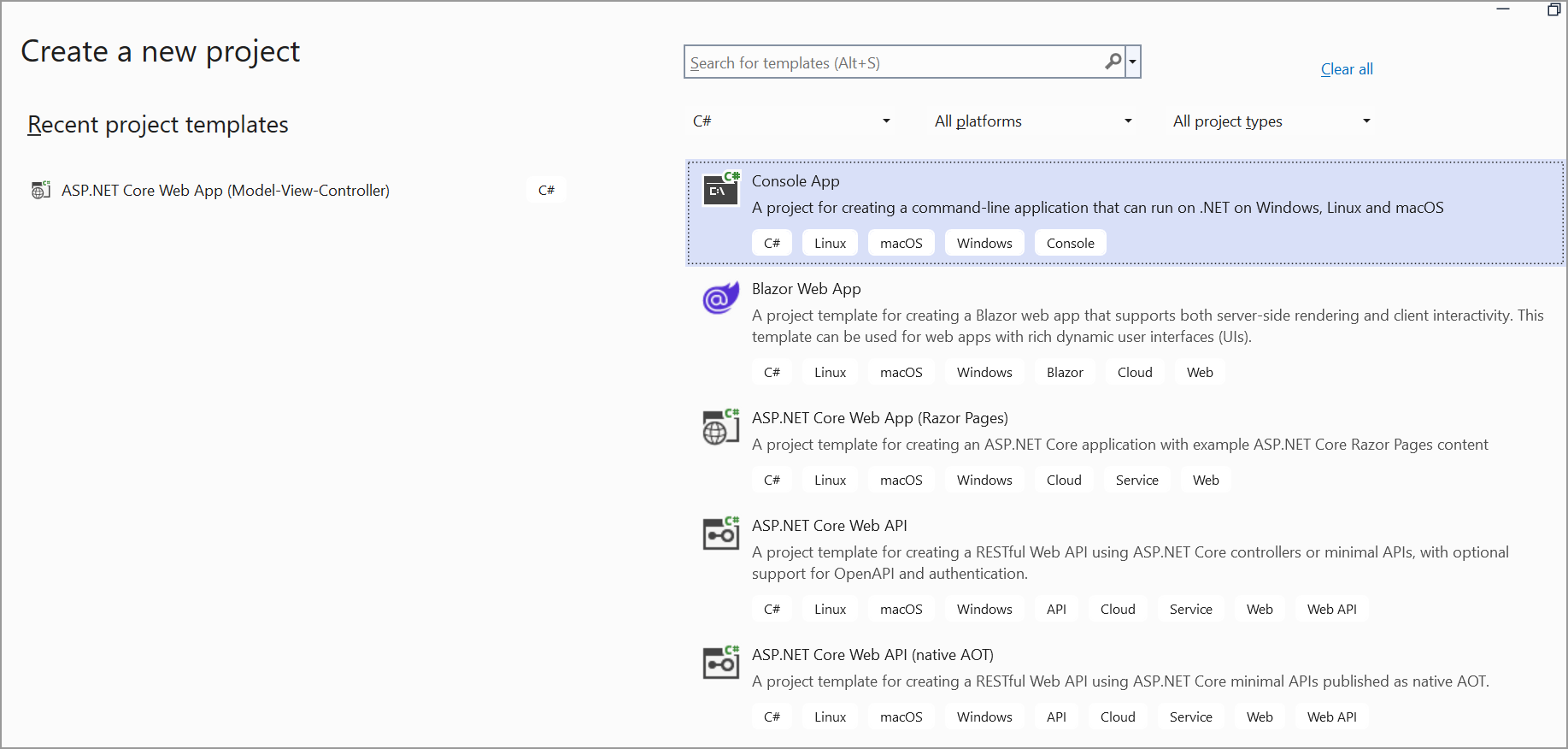
**How to add multiple URI annotation using .NET PDF library in a single PDF grid cell**

The Syncfusion Essential® PDF is a [**.NET PDF library**](https://www.syncfusion.com/document-processing/pdf-framework/net) used to create, read, and edit PDF documents. Using this library, you can add multiple URI annotation in a single PDF grid cell using C#.

**Steps to add multiple URI annotation in a single PDF grid cell programmatically:**

1. Create a new console application project.
2. Install the **[Syncfusion.Pdf.Net.Core](https://www.nuget.org/packages/Syncfusion.Pdf.Net.Core" \t "_blank)** NuGet package as a reference to your console application from [**Nuget.org**](https://www.nuget.org/).

A screenshot of a computer

AI-generated content may be incorrect.

[**https://support.syncfusion.com/kb/article/**](https://support.syncfusion.com/kb/article/)

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

**C#**

using **Syncfusion**.Pdf.Graphics;

using **Syncfusion**.Pdf.Grid;

using **Syncfusion**.Pdf.Interactive;

using **Syncfusion**.Pdf;

using **Syncfusion**.Drawing;

1. Use the following code sample in Program.cs to add multiple URI annotation in a single PDF grid cell in the PDF document.

**C#**

// Create a new instance of PdfDocument.

**PdfDocument** document = **new** **PdfDocument**();

// Set the orientation of the pages to Portrait.

document.PageSettings.Orientation = **PdfPageOrientation**.Portrait;

// Set margins for all sides of the pages to 5 points.

document.PageSettings.Margins.All = 5;

// Initialize a variable to keep track of the current page.

**PdfPage** currentPage = null;

// Subscribe to the PageAdded event of the document's Pages collection.

document.Pages.PageAdded += (sender, args) =>

{

// When a new page is added, update the currentPage variable to point to the newly added page.

currentPage = args.Page;

};

// Add a new page to the document and assign it to the variable 'page'.

**PdfPage** page = document.Pages.**Add**();

// Get the graphics context of the newly added page.

**PdfGraphics** graphics = page.Graphics;

//Create a new PdfGrid.

**PdfGrid** pdfGrid = **new** **PdfGrid**();

//Add columns.

pdfGrid.Columns.**Add**(3);

//Add a row.

**PdfGridRow** row1 = pdfGrid.Rows.**Add**();

//Set the value to the specific cell.

row1.Cells[0].Value = "Employee Details";

row1.Cells[0].ColumnSpan = 3;

//Add a row.

**PdfGridRow** row2 = pdfGrid.Rows.**Add**();

row2.Cells[0].Value = "Employee ID";

row2.Cells[1].Value = "Employee Name";

row2.Cells[2].Value = "Website";

//Add a row.

**PdfGridRow** row3 = pdfGrid.Rows.**Add**();

row3.Cells[0].Value = "E01";

row3.Cells[1].Value = "Simons Bistro";

row3.Height = 50;

//Call the event handler to add the string to a particular cell.

pdfGrid.BeginCellLayout += **PdfGrid**\_BeginCellLayout;

//Create and customize the string formats.

**PdfStringFormat** format = **new** **PdfStringFormat**();

format.Alignment = **PdfTextAlignment**.Center;

pdfGrid.Rows[0].Cells[0].StringFormat = format;

//Draw the PdfGrid.

pdfGrid.**Draw**(page, **new** **PointF**(10, 10));

// Creating a new instance of MemoryStream.

**MemoryStream** stream = **new** **MemoryStream**();

// Saving the document to the MemoryStream.

document.**Save**(stream);

// Writing the content of the MemoryStream to a file named "Output.pdf".

**File**.**WriteAllBytes**("Output.pdf", stream.**ToArray**());

// Closing the document.

document.**Close**(true);

**void** **AddHyperlink**(**PdfPage** page, **RectangleF** bounds, string url)

{

**PdfUriAnnotation** uriAnnotation = **new** **PdfUriAnnotation**(bounds, url);

//Set the annotation text.

uriAnnotation.Border.Width = 0;

uriAnnotation.Text = url;

page.Annotations.**Add**(uriAnnotation);

}

**void** **PdfGrid**\_BeginCellLayout(object sender, **PdfGridBeginCellLayoutEventArgs** args)

{

**if** (args.RowIndex == 2 && args.CellIndex == 2)

{

////Draw a string.

**PdfFont** font = **new** **PdfStandardFont**(**PdfFontFamily**.Helvetica, 10, **PdfFontStyle**.Regular | **PdfFontStyle**.Underline);

string text = "Google";

**SizeF** textSize = font.**MeasureString**(text);

**RectangleF** linkBounds = **new** **RectangleF**(args.Bounds.X, args.Bounds.Y, textSize.Width, textSize.Height);

args.Graphics.**DrawString**(text, font, **PdfBrushes**.Blue, linkBounds);

**AddHyperlink**(currentPage, linkBounds, "https://www.google.com");

float positionY = args.Bounds.Y + textSize.Height + 2;

text = "Yahoo";

textSize = font.**MeasureString**(text);

linkBounds = **new** **RectangleF**(args.Bounds.X, positionY, textSize.Width, textSize.Height);

args.Graphics.**DrawString**(text, font, **PdfBrushes**.Blue, linkBounds);

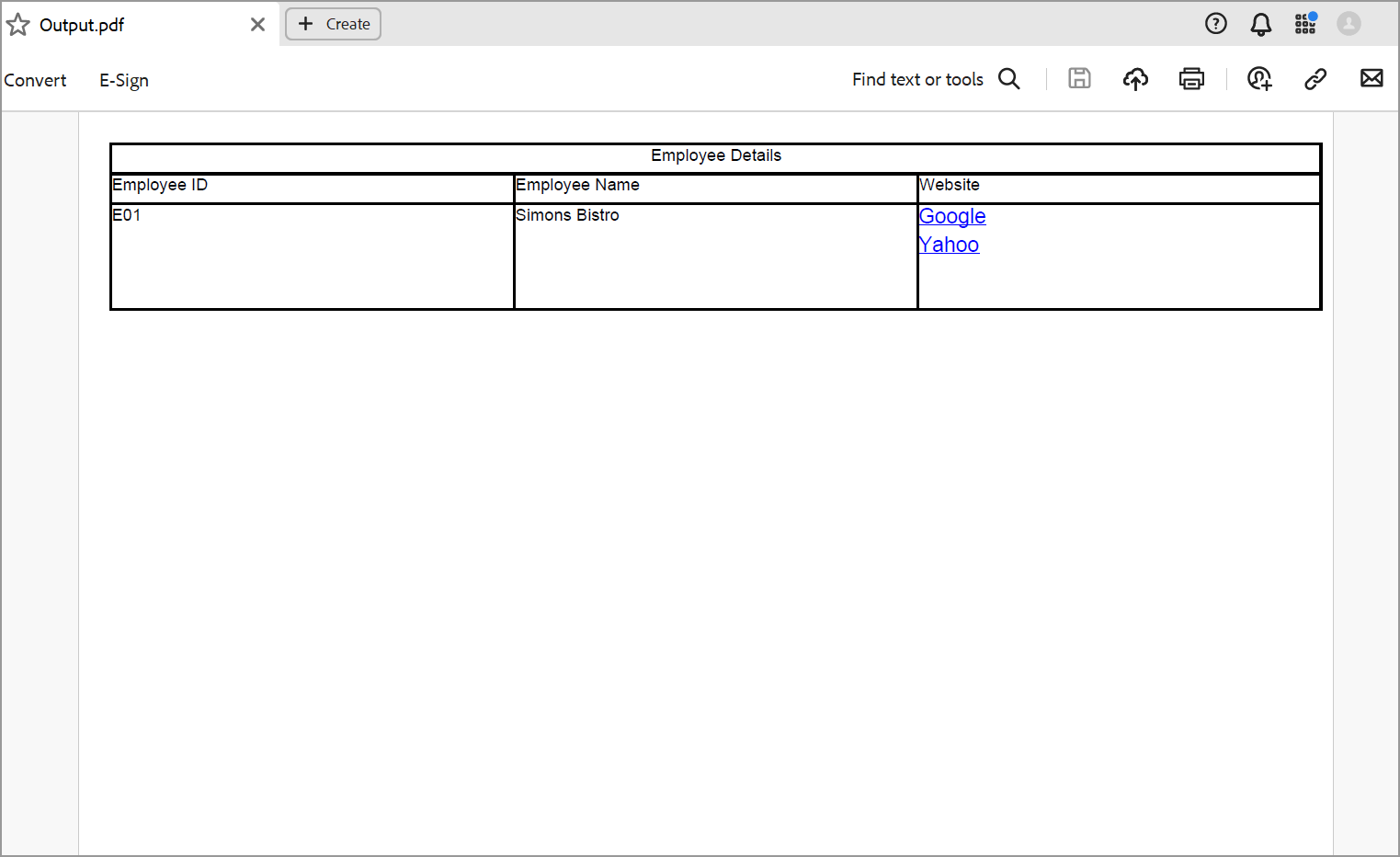
**AddHyperlink**(currentPage, linkBounds, "https://www.yahoo.com");

positionY += textSize.Height + 2;

}

}

A complete working sample can be downloaded from [**Multiple\_URI\_annotation\_in\_a\_single\_PDF\_grid\_cell.zip**](https://www.syncfusion.com/downloads/support/directtrac/general/ze/URI_annotation_in_grid_cell1397661008.zip)

By executing the program, you will get the PDF document as follows.

Take a moment to peruse the documentation for [**working with tables**](https://help.syncfusion.com/file-formats/pdf/working-with-tables), where you will find other options like grid pagination and different levels of grid customization.

Click [**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 add multiple URI annotation using .NET PDF library in a single PDF grid cell.

You can refer to our [**.NET PDF library**](https://www.syncfusion.com/document-processing/pdf-framework/net) page to know about its other groundbreaking feature representations and documentation, and how to quickly get started for configuration specifications. You can also explore our [**.NET PDF library 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 [**ASP.NET**](http://asp.net/) Core 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/aspnetmvc-js2) 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/create), or [**feedback portal**](https://www.syncfusion.com/feedback/aspnet-core?control=pdf). We are always happy to assist you!