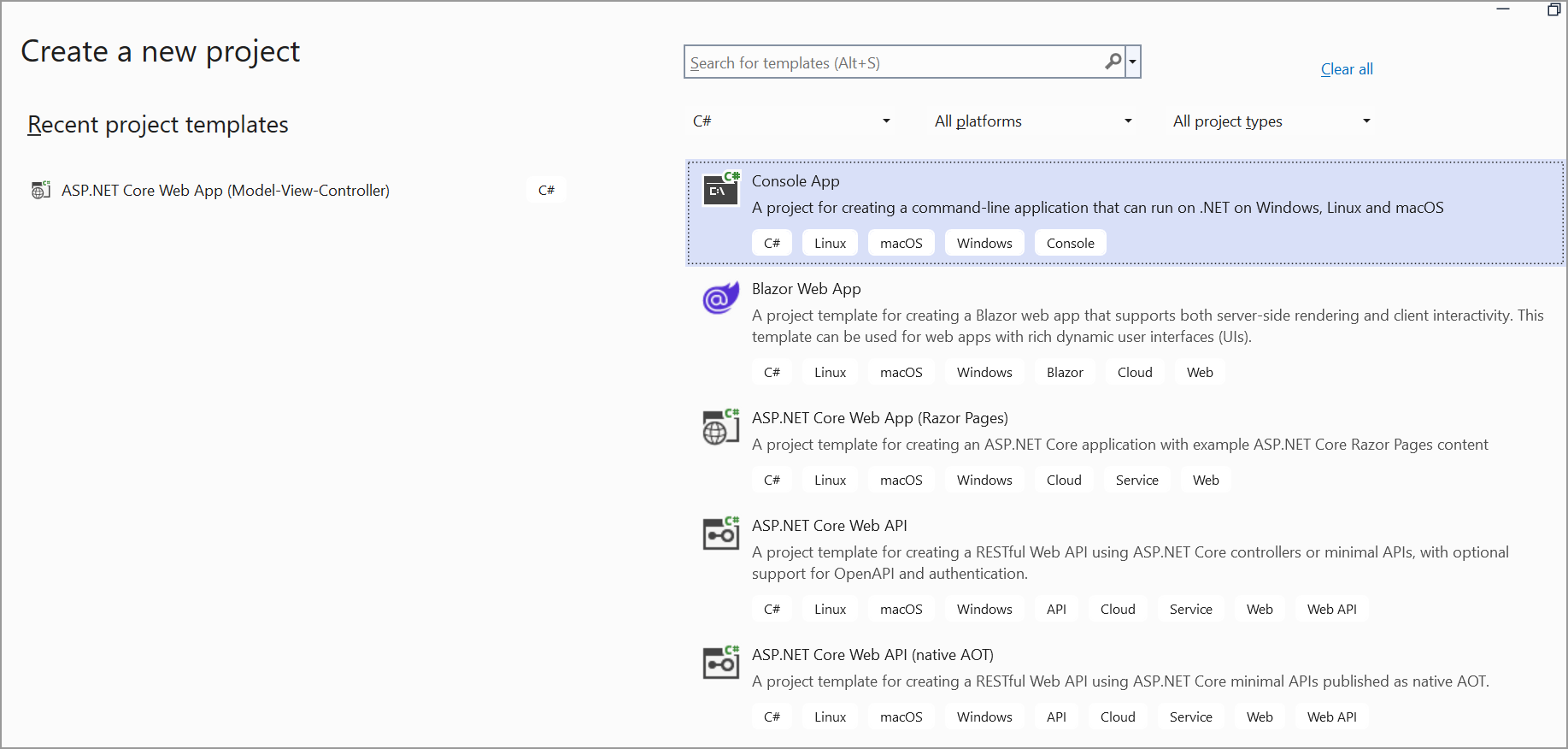
**How to remove page rotation in a PDF document using C#**

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 remove page rotation in a PDF document without altering its content using C#.

**Steps to remove page rotation in a PDF document without altering content 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/).

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

**C#**

using **Syncfusion**.Pdf.Graphics;

using **Syncfusion**.Pdf.Parsing;

using **Syncfusion**.Pdf;

using **Syncfusion**.Drawing;

1. Use the following code sample in Program.cs to remove page rotation in a PDF document without altering content.  
   **C#**

// Create a new PdfDocument instance.

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

// Open the input PDF file using FileStream.

**FileStream** fileStream = **new** **FileStream**(@"../../../Input.pdf", **FileMode**.Open, **FileAccess**.Read);

// Load the existing PDF document into a PdfLoadedDocument.

**PdfLoadedDocument** loadedDocument = **new** **PdfLoadedDocument**(fileStream);

// Loop through each page in the loaded document.

**for** (int i = 0; i < loadedDocument.Pages.Count; i++)

{

// Retrieve the loaded page as a PdfLoadedPage.

**PdfLoadedPage** loadedPage = loadedDocument.Pages[i] **as** **PdfLoadedPage**;

// Create a template from the loaded page for rendering.

**PdfTemplate** template = loadedPage.**CreateTemplate**();

// Add a new section to the output document.

**PdfSection** pdfSection = document.Sections.**Add**();

// Set margins for the section to zero.

pdfSection.PageSettings.Margins.All = 0;

// Set the page size to match the loaded page's client size.

pdfSection.PageSettings.Size = **new** **SizeF**(loadedPage.Graphics.ClientSize);

// Add a new page to the section.

**PdfPage** newPage = pdfSection.Pages.**Add**();

// Save the current graphics state for the new page.

**PdfGraphicsState** state = newPage.Graphics.**Save**();

// Handle page rotation based on the loaded page's rotation angle.

**if** (loadedPage.Rotation == **PdfPageRotateAngle**.RotateAngle90)

{

// Rotate the graphics context 90 degrees clockwise.

newPage.Graphics.**TranslateTransform**(newPage.Graphics.ClientSize.Width, 0);

newPage.Graphics.**RotateTransform**(90);

}

**else** **if** (loadedPage.Rotation == **PdfPageRotateAngle**.RotateAngle270)

{

// Rotate the graphics context 270 degrees clockwise (90 degrees counter-clockwise).

newPage.Graphics.**TranslateTransform**(0, newPage.Graphics.ClientSize.Height);

newPage.Graphics.**RotateTransform**(270);

}

// Draw the template onto the new page at the origin (0,0).

newPage.Graphics.**DrawPdfTemplate**(template, **new** **PointF**(0, 0));

// Restore the graphics state to its original state.

newPage.Graphics.**Restore**(state);

}

// Create a MemoryStream to hold the output PDF data.

**MemoryStream** ms = **new** **MemoryStream**();

// Save the document to the MemoryStream.

document.**Save**(ms);

// Write the content of the MemoryStream to an output PDF file.

**File**.**WriteAllBytes**("output.pdf", ms.**ToArray**());

// Close the output document and release resources.

document.**Close**(true);

// Close the loaded document and release resources.

loadedDocument.**Close**(true);

A complete working sample can be downloaded from [**Removing\_page\_rotation.zip**](https://www.syncfusion.com/downloads/support/directtrac/general/ze/Removing_page_rotation834479096.zip)

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

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