**Convert Searchable PDFs to Non-Searchable PDFs in .NET Using Syncfusion**

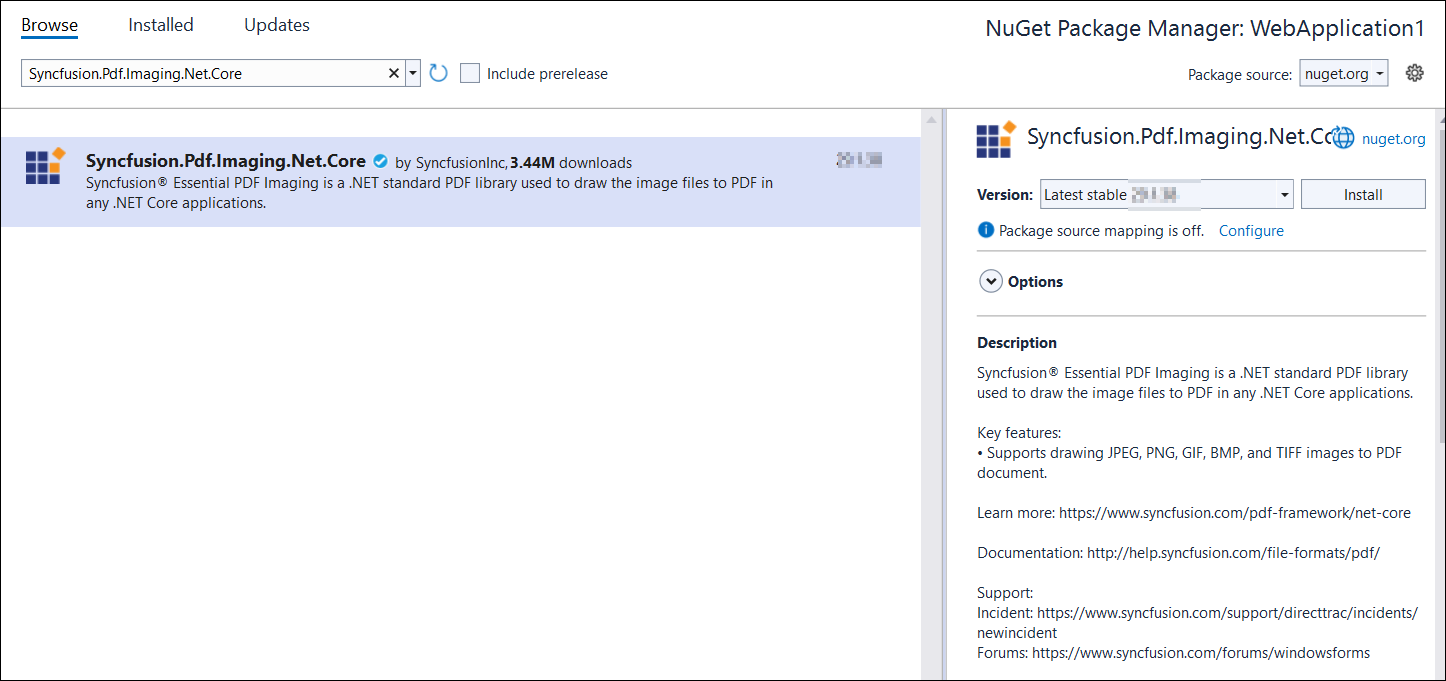
The Syncfusion Essential® PDF is a [**.NET PDF library**](https://www.syncfusion.com/document-processing/pdf-framework/net) used to create, read, and edit PDF documents. Using this library, you can convert searchable or selectable PDF documents into non-searchable formats by rendering them as images, thus disabling text selection and search functionality. This step-by-step guide illustrates how to perform this conversion using C#.

**Steps to Convert PDF to Non-Searchable Format:**

1. **Create a New Project**: Start a new console application project to facilitate the conversion process.A screenshot of a computer

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**2.Install Necessary Packages:** Add [Syncfusion.Pdf.Imaging.Net.Core](https://www.nuget.org/packages/Syncfusion.Pdf.Imaging.Net.Core) and [Syncfusion.PdfToImageConverter.Net](https://www.nuget.org/packages?q=Syncfusion.PdfToImageConverter.Net) NuGet packages to your project from [Nuget.org](https://www.nuget.org/)



A screenshot of a computer

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3. **Include Required Namespaces**: Open **Program.cs** and ensure the following namespaces are included.

**C#**

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| --- |
| using **Syncfusion**.Pdf.Graphics;  using **Syncfusion**.Pdf;  using **Syncfusion**.PdfToImageConverter; |

4. **Implement Conversion Logic**: Use this code snippet in **Program.cs** to convert searchable PDFs to non-searchable by creating image-based PDFs:

**C#**

|  |
| --- |
| // Instantiate the PdfToImageConverter.  PdfToImageConverter imageConverter = new PdfToImageConverter();  // Load a PDF document as a stream.  using (FileStream inputStream = new FileStream(@"Input.pdf", FileMode.Open, FileAccess.ReadWrite))  {  imageConverter.Load(inputStream);    // Convert PDF pages to images.  Stream[] outputStream = imageConverter.Convert(0, imageConverter.PageCount - 1, false, false);    // Create a new PDF document.  PdfDocument document = new PdfDocument();    // Loop through each item in the outputStream array.  foreach (var imageStream in outputStream)  {  // Create a PdfTiffImage object from the current outputStream item.  PdfTiffImage image = new PdfTiffImage(imageStream);    // Add a new section to the document.  PdfSection section = document.Sections.Add();    // Set the size of the page in the section to match the physical dimensions of the image.  section.PageSettings.Size = image.PhysicalDimension;    // Set the margins of the page in the section to 0.  section.PageSettings.Margins.All = 0;    // Add a new page to the section.  PdfPage page = section.Pages.Add();    // Get the graphics context of the page  PdfGraphics graphics = page.Graphics;    // Draw the image on the page.  graphics.DrawImage(image, 0, 0, graphics.ClientSize.Width, graphics.ClientSize.Height);  }    // Save the document to a file stream.  using (MemoryStream memoryStream = new MemoryStream())  {  document.Save(memoryStream);  File.WriteAllBytes("Output.pdf", memoryStream.ToArray());  }    // Close the document.  document.Close(true);  } |

A complete working sample can be downloaded from [**Convert\_PDF\_content.zip**](https://support.syncfusion.com/agent/).

By executing the program, the output PDF document will be generated as shown below.A screenshot of a computer screen

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Take a moment to explore the documentation on [working with PDF pages](https://help.syncfusion.com/file-formats/pdf/working-with-pages). You'll find options for inserting, rotating, importing, and rearranging pages from an existing document, as well as removing pages and splitting a PDF file into individual pages.

**Conclusion**

I hope you enjoyed learning about how convert searchable PDFs to non-searchable PDFs.

You can refer to our [**ASP.NET Core PDF’s feature tour**](https://www.syncfusion.com/document-processing/pdf-framework/net-core) page to know about its other groundbreaking feature representations. You can also explore our [**ASP.NET Core PDF example**](https://ej2.syncfusion.com/aspnetcore/PDF/Default#/material) to understand how to present 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/account/downloads) page. If you are new to Syncfusion®, you can try our 30-day [**free trial**](https://www.syncfusion.com/downloads/aspnetcore-js2) to check out our [**ASP.NET**](http://asp.net/) Core PDF and other [**ASP.NET**](http://asp.net/) Core components.

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