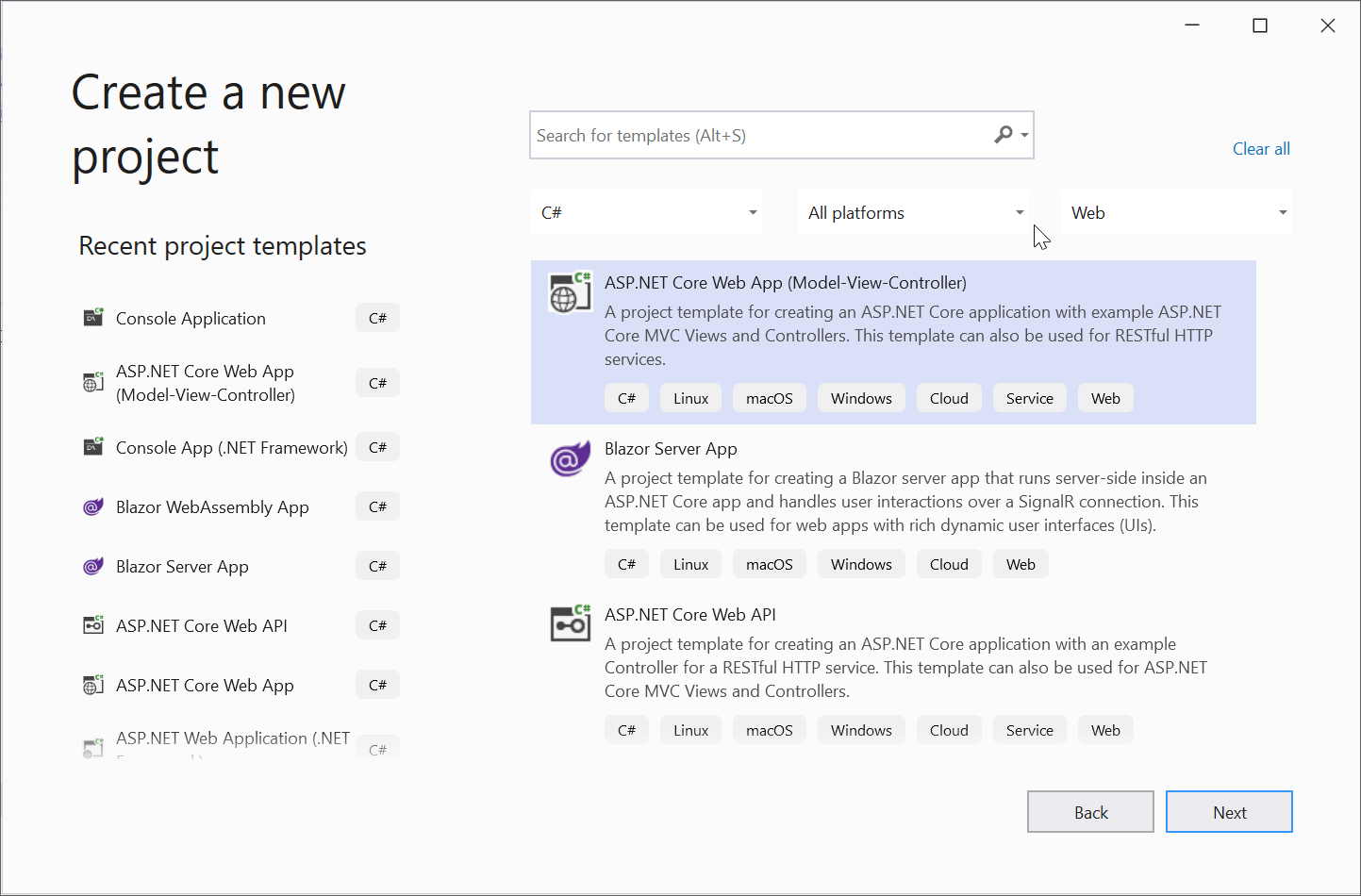
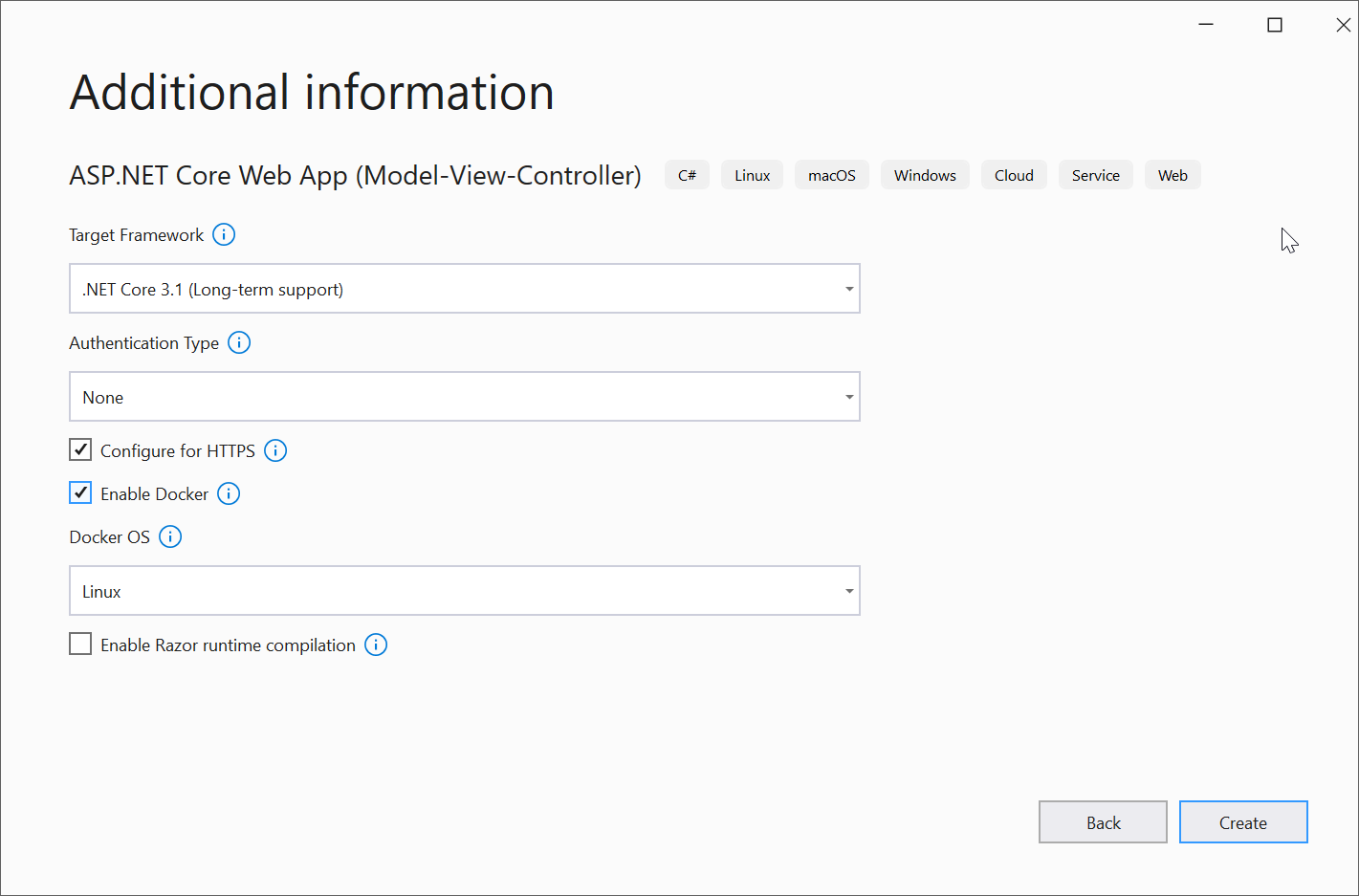
**How to convert HTML to PDF in Linux docker container in ASP.NET Core PDF**

The Syncfusion® [HTML to PDF converter](https://www.syncfusion.com/pdf-framework/net/html-to-pdf) is a [**.NET PDF library**](https://www.syncfusion.com/document-processing/pdf-framework/net-core) for converting webpages, SVG, MHTML, and HTML to PDF using C#. It is reliable and accurate. The result preserves all graphics, images, text, fonts, and the layout of the original HTML document or webpage. Using this library, you can convert a HTML to PDF in Linux [docker](https://www.docker.com/why-docker) container.

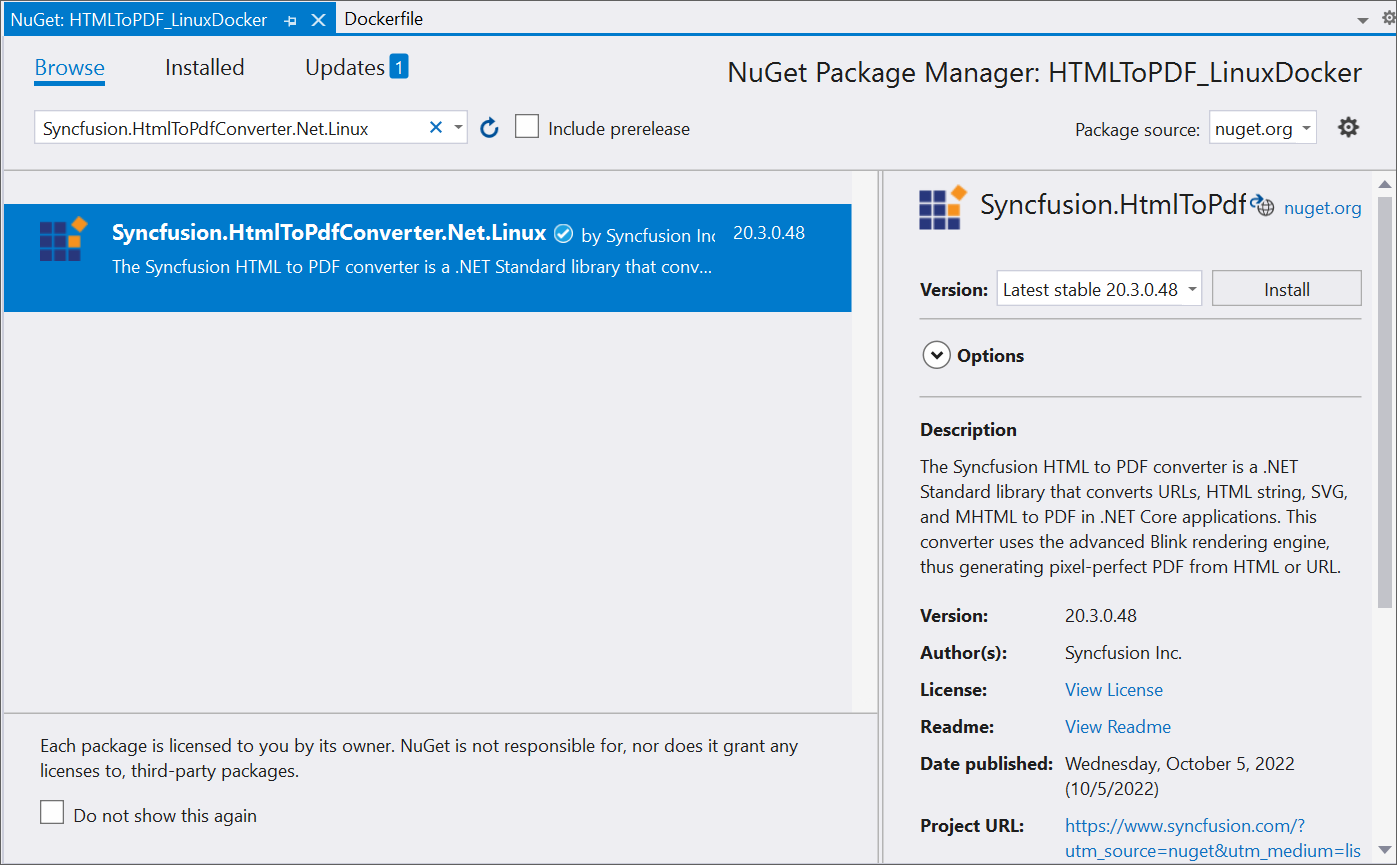
Steps to convert HTML to PDF in Linux docker container:

1. Create a new ASP.NET Core application and enable the docker support with Linux as target OS.

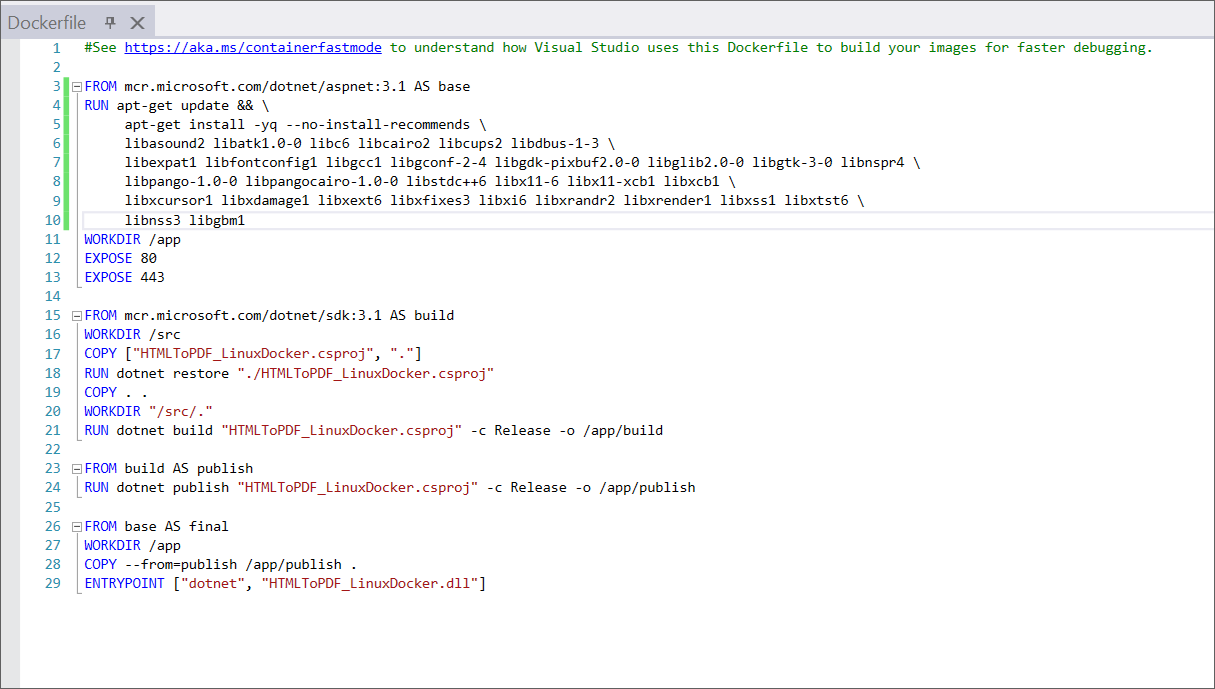




1. Install the [Syncfusion.HtmlToPdfConverter.Net.Linux](https://www.nuget.org/packages/Syncfusion.HtmlToPdfConverter.Net.Linux/" \t "_blank) NuGet package as  a reference to your .NET Core application from [NuGet.org](https://www.nuget.org/).



1. Include the following snippet in the docker file to install the dependent packages in the docker container.
2. **RUN** apt-get update && \
3. **apt**-get install -yq --no-install-recommends \
4. **libasound2** libatk1.0-0 libc6 libcairo2 libcups2 libdbus-1-3 \
5. **libexpat1** libfontconfig1 libgcc1 libgconf-2-4 libgdk-pixbuf2.0-0 libglib2.0-0 libgtk-3-0 libnspr4 \
6. **libpango**-1.0-0 libpangocairo-1.0-0 libstdc++6 libx11-6 libx11-xcb1 libxcb1 \
7. **libxcursor1** libxdamage1 libxext6 libxfixes3 libxi6 libxrandr2 libxrender1 libxss1 libxtst6 \
8. **libnss3** libgbm1



1. Add an Export To PDF button in index.cshtml.
2. <div **class**="btn">
3. @{ Html.BeginForm("ExportToPDF", "Home", FormMethod.**Post**);
4. {
5. <**input** **type**="submit" value="Export To PDF" **class**=" btn" />
6. }}
7. </div>



1. Include the following namespaces and code snippet in controller for converting HTML to PDF.
2. // [C# Code]
3. **using** Syncfusion.HtmlConverter;
4. **using** Syncfusion.Pdf;
5. **using** **System**.IO;

// [C# Code]

public ActionResult ExportToPDF()

{

      //Initialize HTML to PDF converter

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

     BlinkConverterSettings settings = **new** BlinkConverterSettings();

     //Set command line arguments to run without sandbox.

     settings.CommandLineArguments.Add("--no-sandbox");

     settings.CommandLineArguments.Add("--disable-setuid-sandbox");

     //Assign Blink settings to HTML converter

     htmlConverter.ConverterSettings = settings;}

     //Convert URL to PDF

     PdfDocument document = htmlConverter.Convert("https://www.syncfusion.com");

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

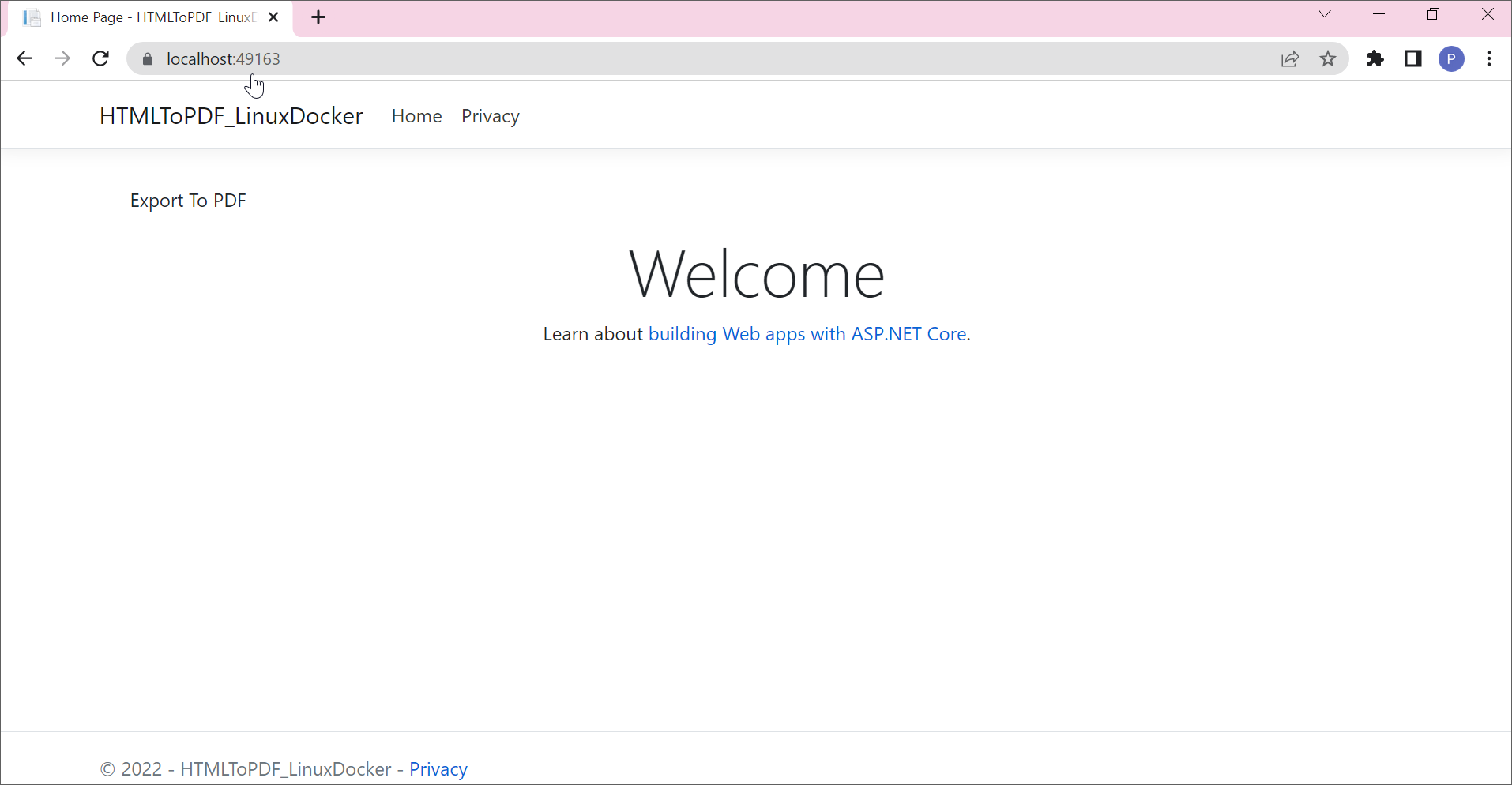
     //Save and close the PDF document

     document.Save(stream);

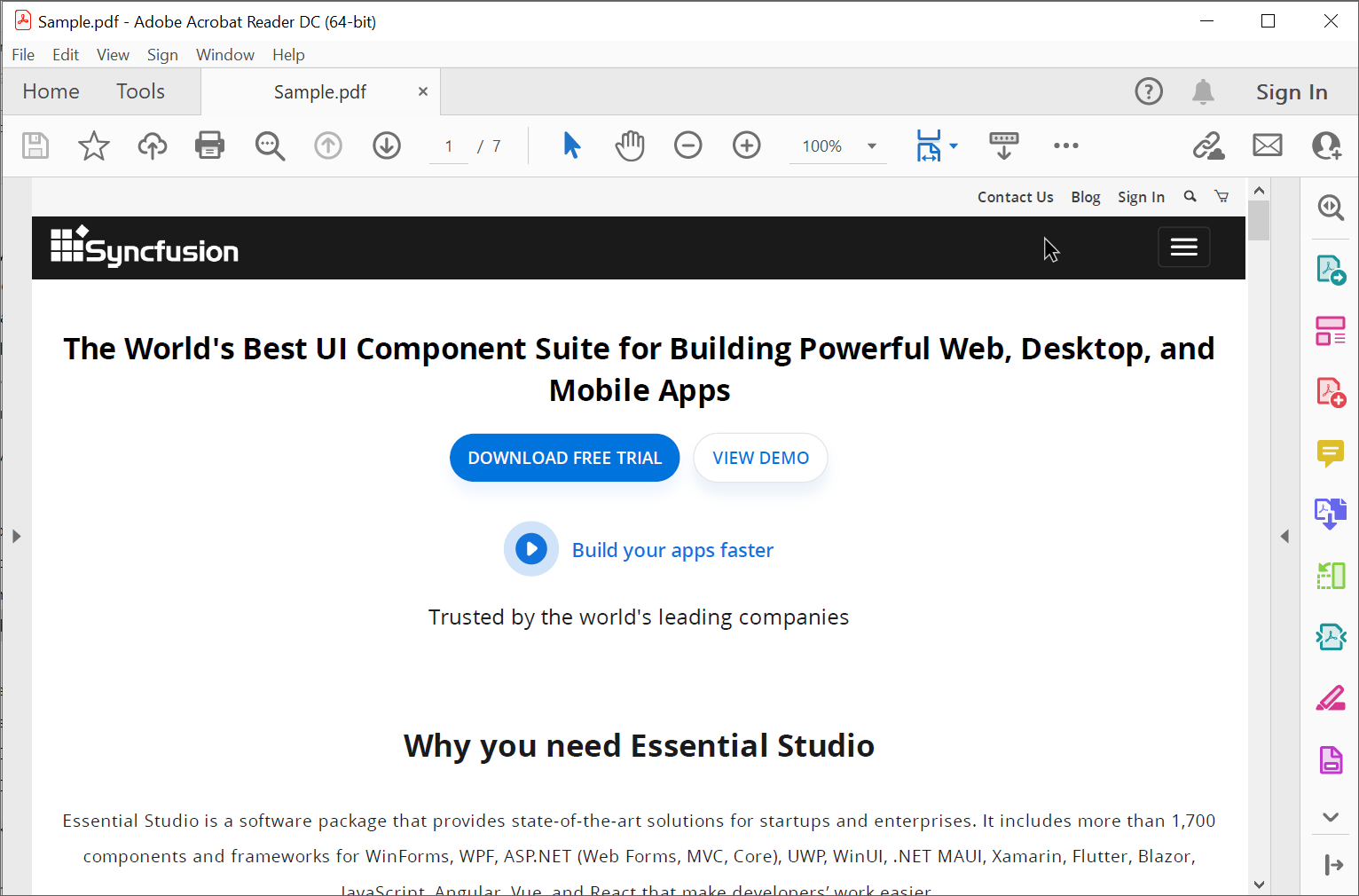
     return File(stream.ToArray(), System.Net.Mime.MediaTypeNames.Application.Pdf, "Sample.pdf");

}

1. Build and run the sample in the docker, it will pull the Linux docker image from the docker hub and run the project. Now, the webpage will open in the browser. Click **Export to PDF** to convert the Syncfusion® webpage to a PDF.



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



A complete work sample for converting a HTML to PDF in Linux docker container can be downloaded from [HTMLtoPDF\_LinuxDocker.zip](https://www.syncfusion.com/downloads/support/directtrac/general/ze/HTMLToPDF_LinuxDocker1596837150).

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.

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

​An online sample link to [convert HTML to PDF](https://mvc.syncfusion.com/demos/web/pdf/htmltopdf).

**Conclusion**

I hope you enjoyed learning about how to convert HTML to PDF in Linux docker container in ASP.NET Core PDF.

You can refer to our [**ASP.NET Core PDF**](https://www.syncfusion.com/document-processing/pdf-framework/net-core) [**feature tour**](https://www.syncfusion.com/document-processing/excel-framework/net-core) 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**](https://ej2aspnetcore.azurewebsites.net/aspnetcore/pdf/default#/bootstrap5) [**example**](https://ej2.syncfusion.com/aspnetcore/PDF/Default?_gl=1*quk35i*_ga*MjkzODA3NDIuMTY4MjQwOTYyOA..*_ga_WC4JKKPHH0*MTY5MDI2MjM0NS4yNDEuMS4xNjkwMjYyOTc1LjU0LjAuMA..#/bootstrap5) 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/aspnetcore-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!