

SharpShooter Reports.Web Getting Started (ASP.NET MVC3+Razor)

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System Requirements

In order to successfully use SharpShooter Reports.WebViewer in ASP.NET MVC Web applications you will need:

- .NET Framework 4
- Visual Studio 2010
- ASP.NET MVC 3

Introduction

This document describes how to add SharpShooter Reports.Web reporting functionality into your **ASP.NET MVC3 Application** (with **Razor** view engine). We imply that you already have a ready ASP.NET MVC 3 application and need to add reporting functionality there.

Also we imply that you already have **NuGet extension** installed in your Visual Studio. If you don't have it please install the extension as described [here](#).

Following this tutorial, you will be able to configure a service and add a report viewer with a predefined skin into your web-application in 10 minutes using the NuGet package.

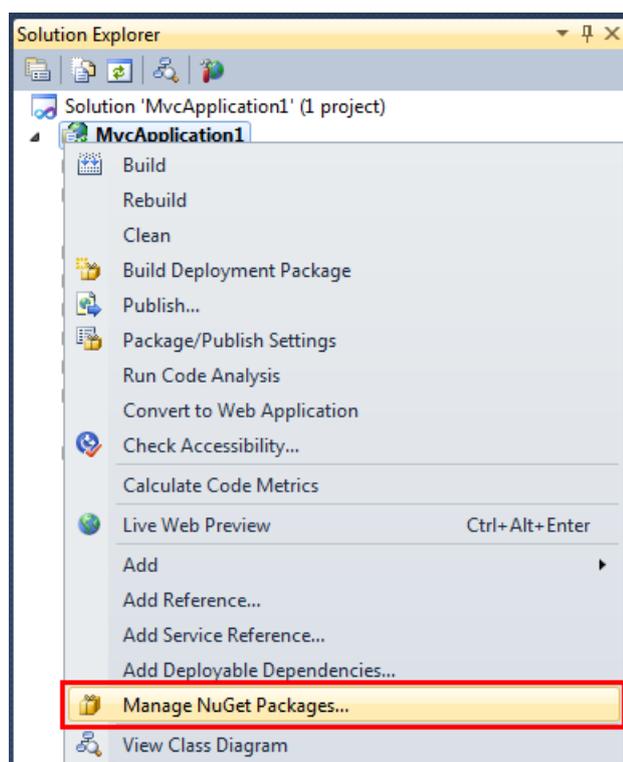
Implementation

Step 1. Add SharpShooter Reports.Web package to your project



Note: Before installing the package into your project, please make sure that you have **SharpShooter Reports.Web** installed on your machine.

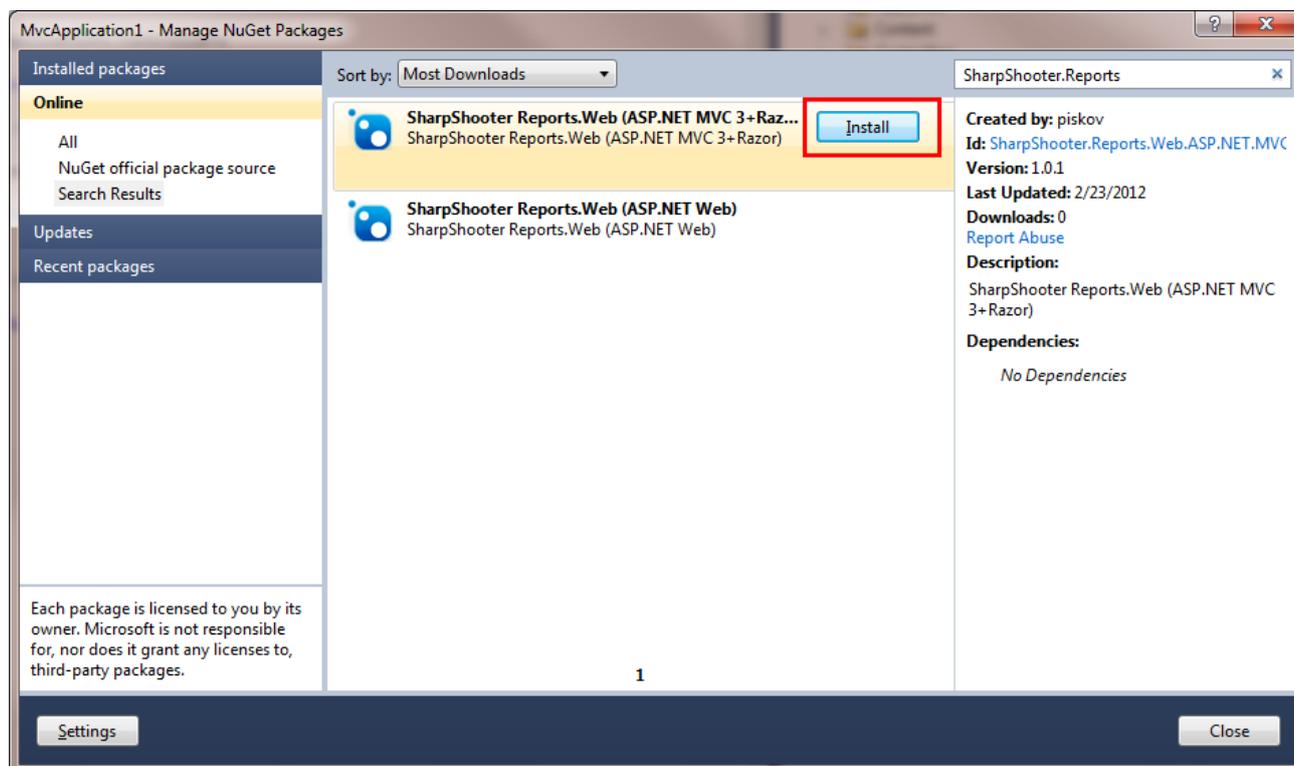
Open context menu of your project and select the "Manage NuGet Packages..." option.





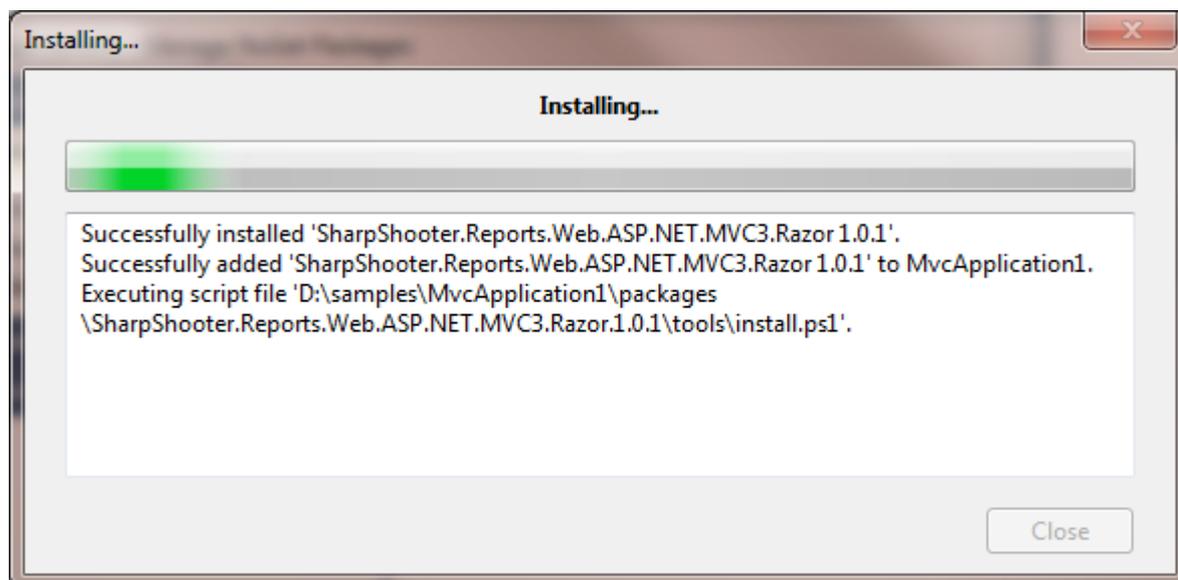
Select the `Online` option in the left sidebar and enter **SharpShooter.Reports** in the search string.

Select **SharpShooter Reports.Web (ASP.NET MVC 3+Razor)** from the available packages and press the Install button.



This package will add the following items to your project:

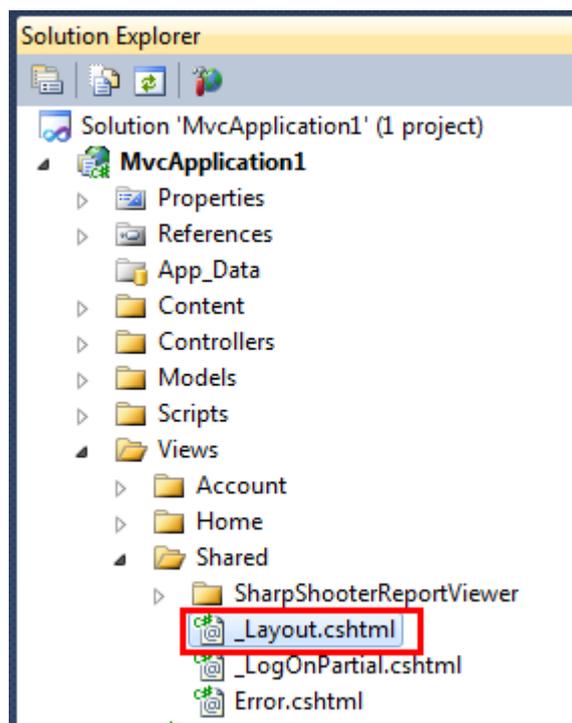
- JavaScript files to /Scripts/SharpShooterReports
- Report Controller /Controllers/SharpShooterReports/SharpShooterReportServiceController.cs
- Report Service files to /Controllers/SharpShooterReports/SharpShooterReportService
- Shared View /Views/Shared/SharpShooterReportViewer/_SharpShooterReportViewer.cshtml
- Images and CSS to /Content/SharpShooterReports





Step 2. Add the Report Viewer to the View

Open the “_Layout.cshtml” file



And add the following line to the header section:

```
@RenderSection("ReportViewerHeader", false);
```

Add a Controller to the project and name it “Reports”. Add the View for this controller.

Open the newly created View and add the following code:

```
@section ReportViewerHeader
```

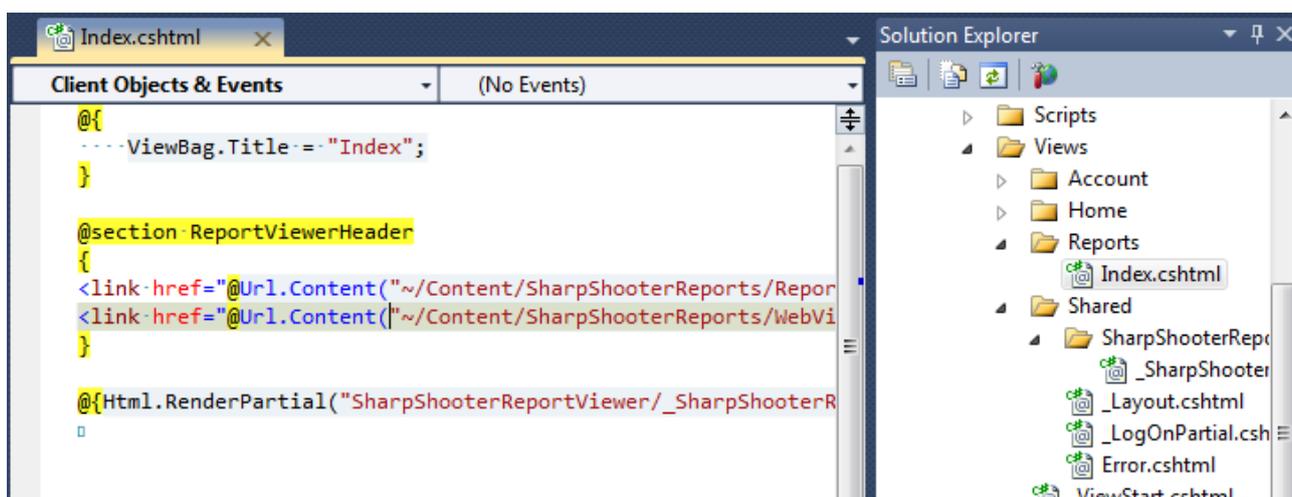
```
{
```

```
<link href="@Url.Content("~/Content/SharpShooterReports/ReportViewer.css")" rel="stylesheet" type="text/css" />
```

```
<link href="@Url.Content("~/Content/SharpShooterReports/WebViewerSkin.css")" rel="stylesheet" type="text/css" />
```

```
}
```

```
@{Html.RenderPartial("SharpShooterReportViewer/_SharpShooterReportViewer");}
```

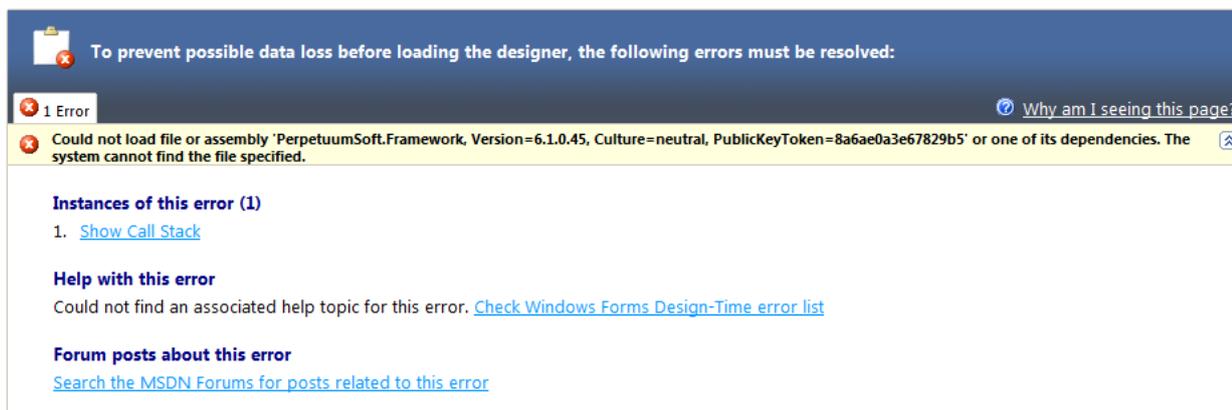


Step 3. Run the Project

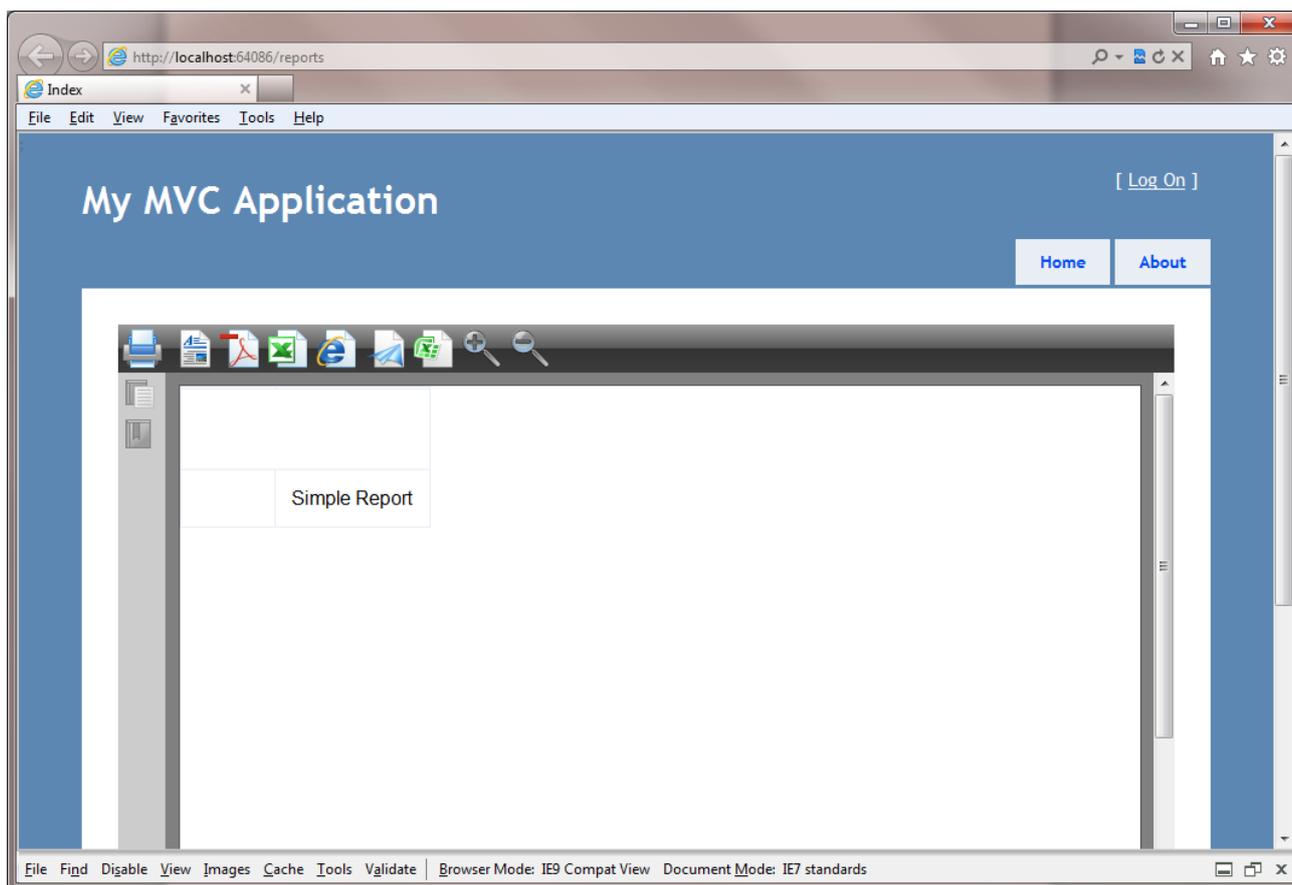
Run the application and go to the “reports” Controller.



Note: In some cases you may face an error which is shown on the screen below. In order to fix it remove the **Perpetuumsoft.Framework** reference from the project and add it manually.

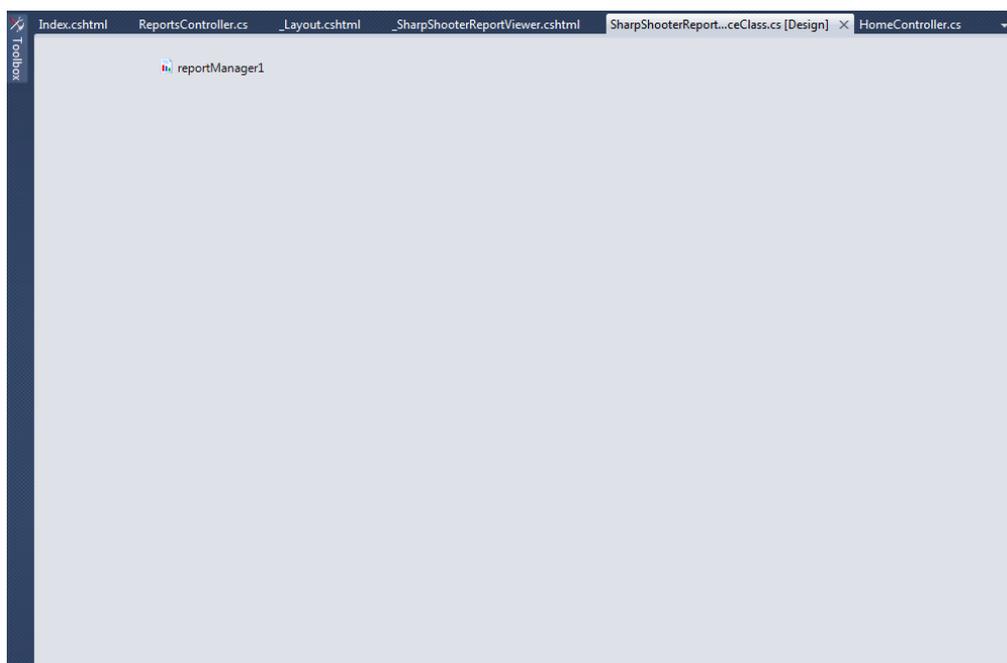


After the report is loaded you will see the following:

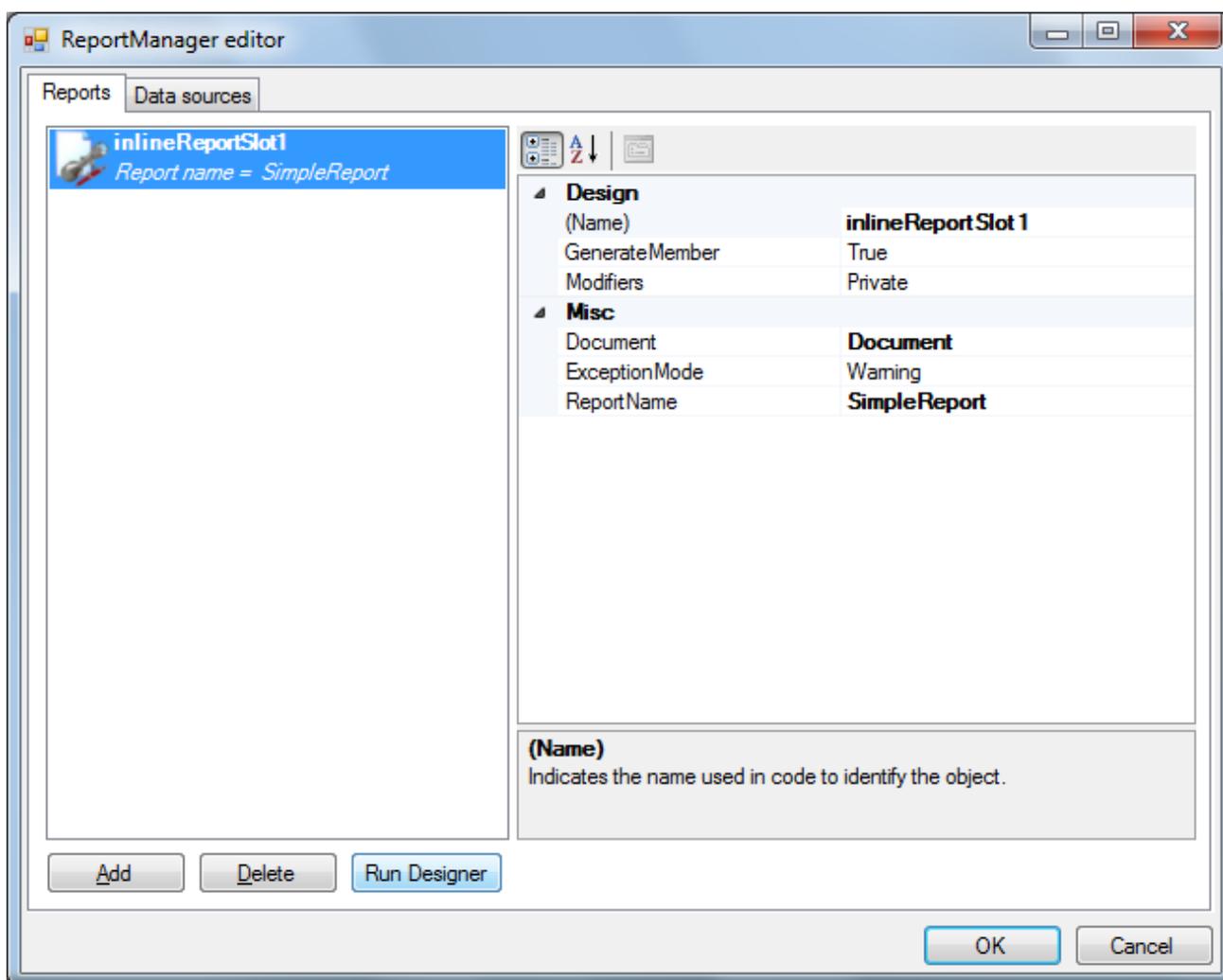


Step 4. Edit the Report

In order to edit report find
/Controllers/SharpShooterReports/SharpShooterReportService/SharpShooterReportsServiceClass.cs, and select
“View Designer” from the context menu. You will see something like this:



Double click the ReportManager 1 component, select the “InlineReportSlot1” item and press the “Run Designer” button.



The report designer will be opened and you will be able to edit the report according to the [documentation](#).

If you have any questions regarding the integration with SharpShooter Reports.Web don't hesitate to contact us at support@perpetuumsoft.com.