

Using Visual Studio for Report Design

Once the Reporting Services is installed, you need to configure Visual Studio to create a Project to hold the Reports. You also need to configure a Shared Data Source, which is the database connection information for the Reports.

Important

It is required that you follow the exact naming conventions as shown here to ensure that the Aras Innovator integration with the Reporting Services works correctly.

Create a New Report Project

Report parts are deprecated from SSDT for all releases of SQL Server Reporting Services after SQL Server Reporting Services 2019 and discontinued starting in SQL Server Reporting Services 2022 and Power BI Report Server.

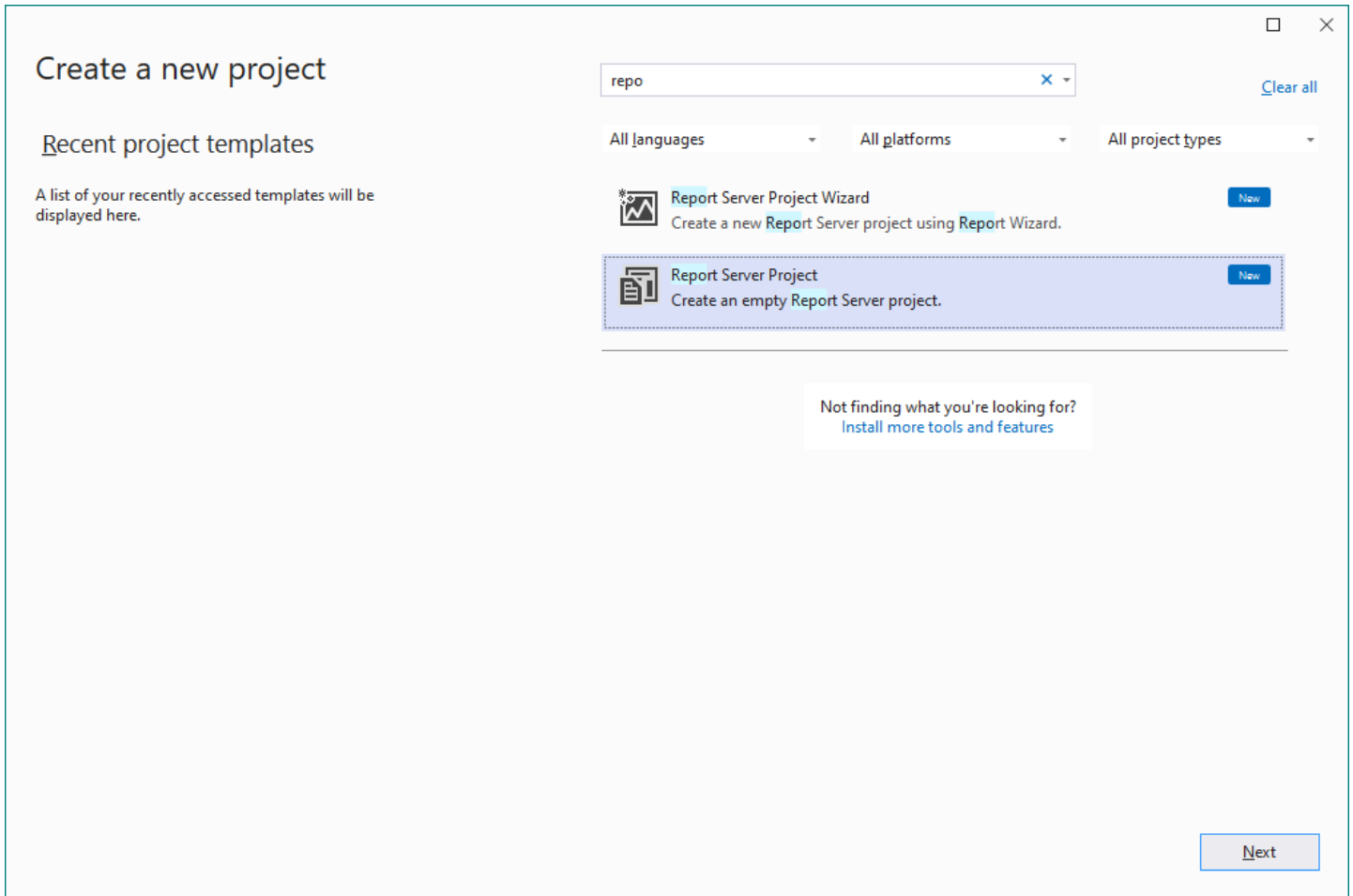
For more information on how to create a Report: <https://learn.microsoft.com/en-us/sql/reporting-services/lesson-1-creating-a-report-server-project-reporting-services?view=sql-server-ver16>

For more information on SSDT for Visual Studio 2022: <https://learn.microsoft.com/en-us/sql/ssdt/download-sql-server-data-tools-ssdt?view=sql-server-ver16#ssdt-for-visual-studio-2022>

Start **SQL Server Data Tools** and create a new **Innovator Reports** project.

Start Visual Studio and create New Report Server Project. Click Next.





This becomes the **Reporting Services** Folder to hold the Reports for Aras Innovator.



Configure your new project

Report Server Project

Project name

Location

...

Solution

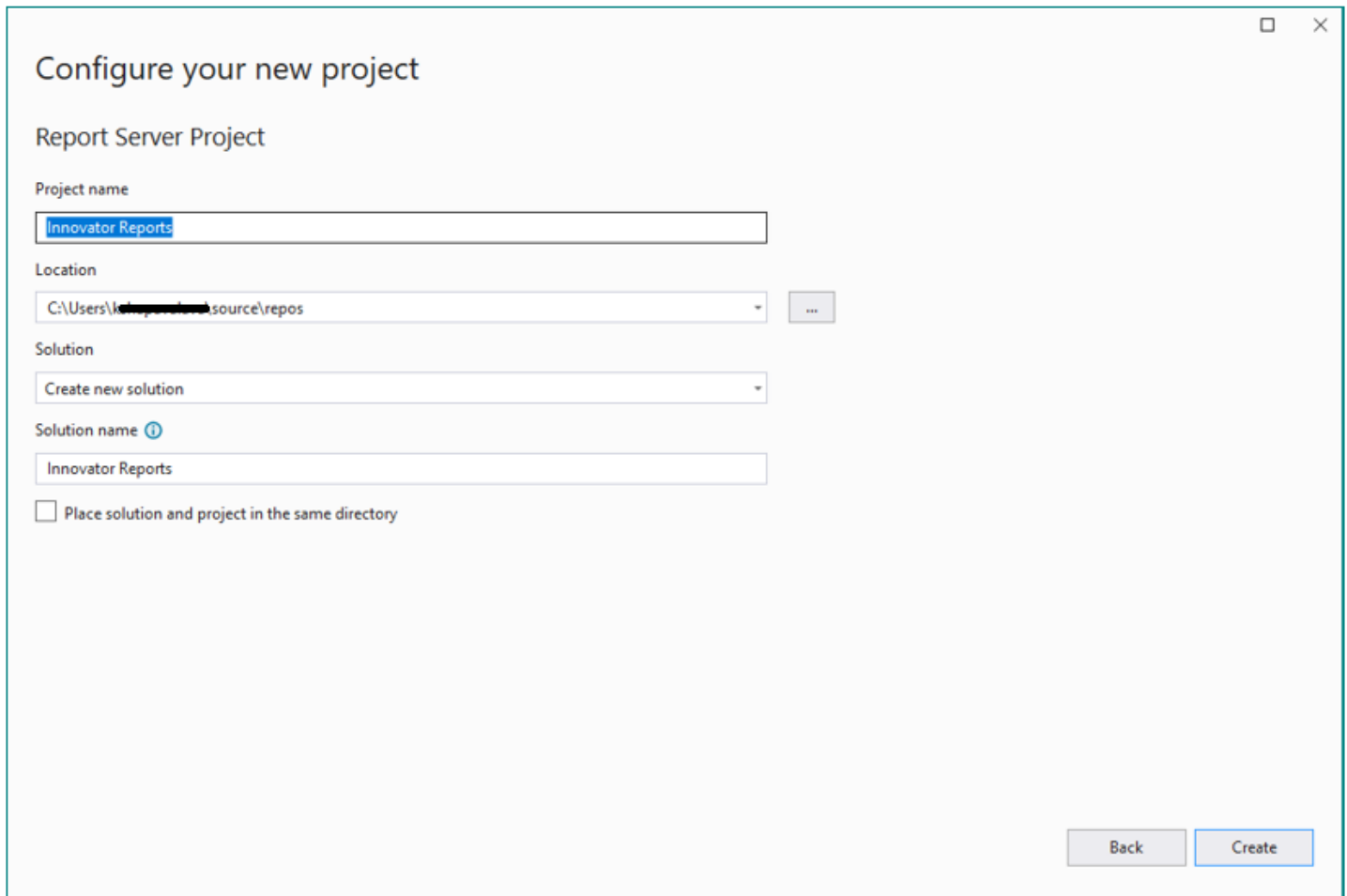
Solution name ⓘ

☐ Place solution and project in the same directory

Back

Create





Configure your new project

Report Server Project

Project name

Innovator Reports

Location

C:\Users\k...source\repos

Solution

Create new solution

Solution name ⓘ

Innovator Reports

☐ Place solution and project in the same directory

Back Create

Configure Project Properties

1. Open the **Solutions Explorer** panel from the **View --> Solutions Explorer** menu if it is not already opened.
2. Right-click the **Innovator Reports** folder and select the **Properties** context menu choice.
3. In the **Properties** dialog, set the **TargetServerURL** field to the URL of the Report Server. For example, <http://localhost:80/ReportServer> , where the actual name of the server host name is entered in place of localhost.
4. Set the **OverwriteDateSources** flag to **True**.



Innovator Reports Property Pages

Configuration: **Active(Debug)** Platform: **N/A** Configuration Manager...

Configuration Properties

General

Build	
ErrorLevel	2
OutputPath	bin\Debug
Debug	
StartItem	
Deployment	
OverwriteDatasets	False
OverwriteDataSources	True
TargetDatasetFolder	Datasets
TargetDataSourceFolder	Data Sources
TargetReportFolder	Innovator Reports
TargetReportPartFolder	Report Parts
TargetServerURL	http://localhost/reportserver
TargetServerVersion	SQL Server 2016 or later

TargetServerVersion
Identifies the version of SQL Server Reporting Services that is specified in the TargetServerURL property.

OK Cancel Apply

Add New Shared Data Source

In the same **Solutions Explorer** panel, right-click the **Shared Data Sources** folder, select **Add New Data Source** context menu choice.

Connection Properties

1. Select or enter a **server name** for the machine with the installed SQL Server.
2. Select the **Use thisuser name and password** option, enter login credentials for the database, and select the **Save My password** option.
3. Select or enter a **database name**.



Shared Data Source Properties

General

Credentials

Change name, type, and connection options.

Name:

Innovator

Type:

Microsoft SQL Server

Connection string:

Click here to type or paste a connection string

Build...

Help

OK

Cancel



Connection Properties

Data source:
Microsoft SQL Server (SqlClient) Change...

Server name:
ANDQASQLV02\MSSQL2012 Refresh

Log on to the server

☐ Use Windows Authentication

☒ Use SQL Server Authentication

User name: innovator_regular

Password:
☒ Save my password

Connect to a database

☒ Select or enter a database name:
InnovatorSolutions

☐ Attach a database file:
Browse...

Logical name:

Advanced...

Test Connection OK Cancel

Deploy the Shared Data Source

By default, the name of the Shared Data Source is the name of the Database you selected previously. You can rename this if you want. Finally, you need to deploy this new Shared Data Source.

