

# Report Deployment

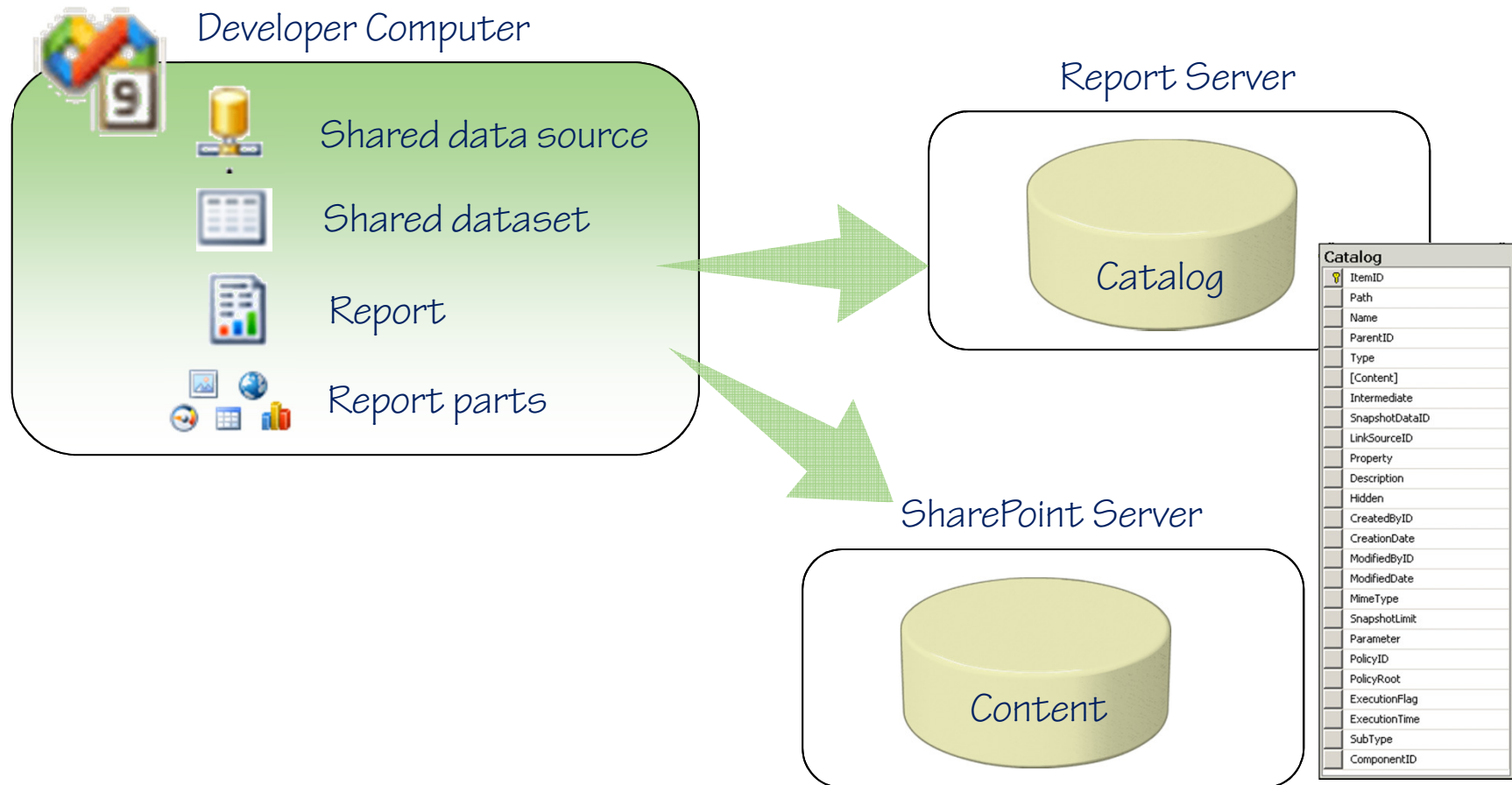
Publishing reports to the report server



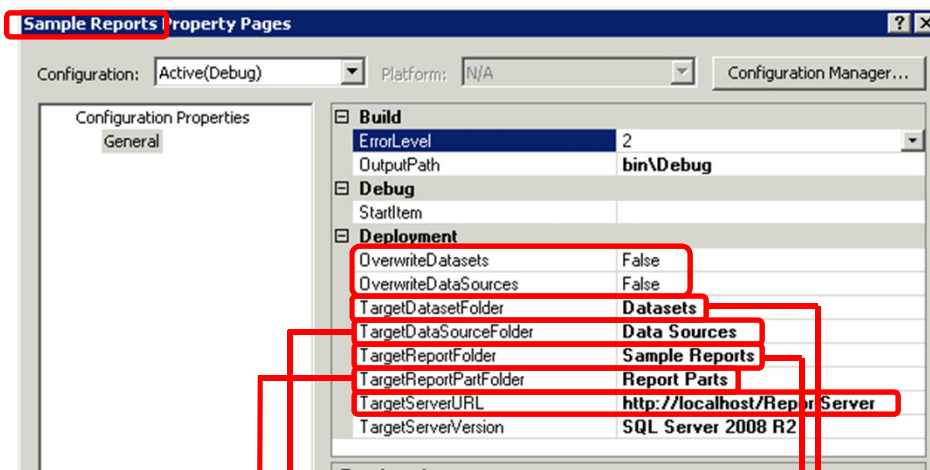
# Overview

- **Deployment**
- **Project Properties**
- **Deployment Options**
- **Redeployment**
- **Report Parts**

# Deployment



# Project Properties – Native Mode



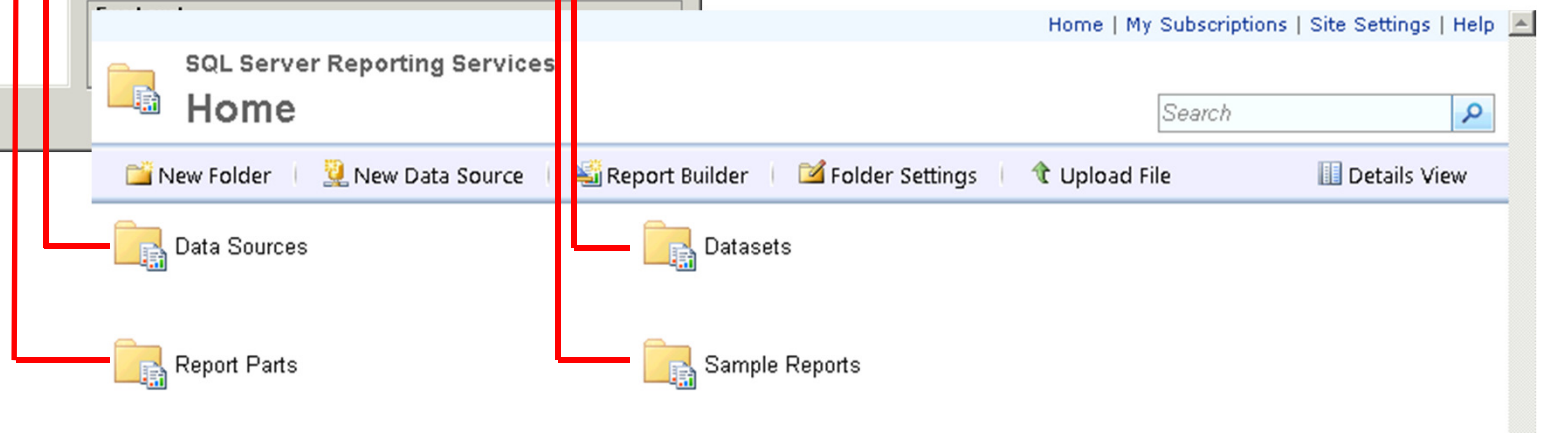
**Web service URL:**

`http://<server>/ReportServer`

**Nested folders:**

`Sample Reports/Sales`

`Sample Reports/Sales/Europe`



# Project Properties – SharePoint Integrated Mode

Sample Reports Property Pages

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

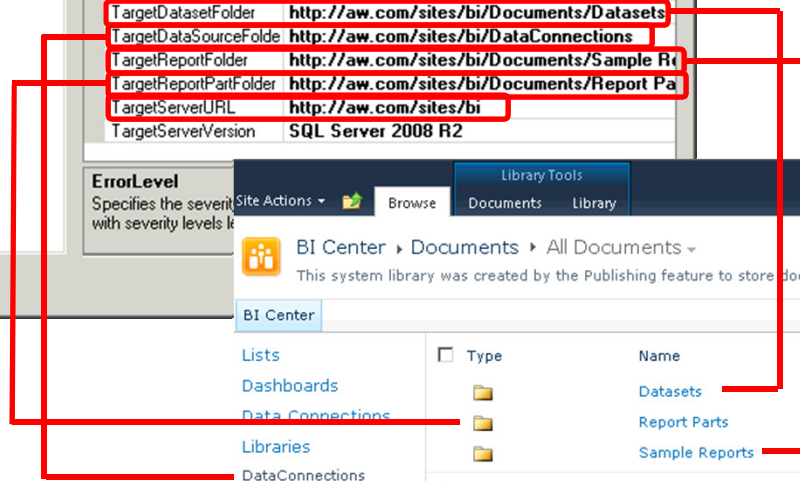
Configuration Properties  
General

**Build**  
ErrorLevel: 2  
OutputPath: bin\Debug

**Debug**  
StartItem:

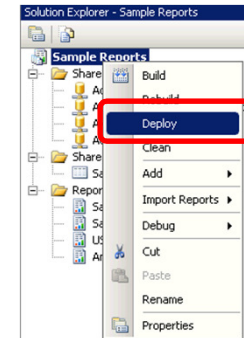
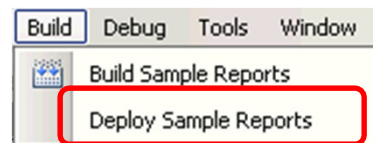
**Deployment**  
OverwriteDatasets: False  
OverwriteDataSources: False  
TargetDatasetFolder: <http://aw.com/sites/bi/Documents/Datasets>  
TargetDataSourceFolder: <http://aw.com/sites/bi/DataConnections>  
TargetReportFolder: <http://aw.com/sites/bi/Documents/Sample Reports>  
TargetReportPartFolder: <http://aw.com/sites/bi/Documents/Report Parts>  
TargetServerURL: <http://aw.com/sites/bi>  
TargetServerVersion: SQL Server 2008 R2

SharePoint site name:  
`http://<server>/<site>`



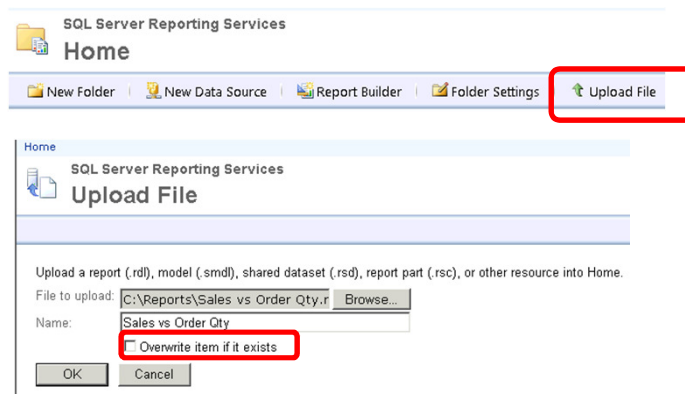
# Deployment Options

- Batch deployment from BIDS

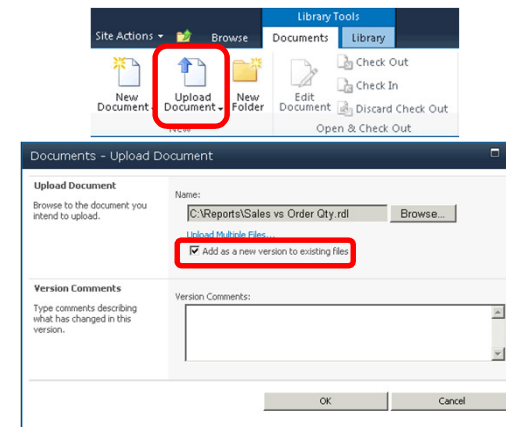


- Single report deployment

Native mode



SharePoint integrated mode





# RS Utility

*Command-line statement*

```
rs -i DeployReports.rss -s http://localhost/ReportServer
```

*Script file contents*

...

```
rs.CreateReport(reportName, parentPath, False, definition,  
Nothing)
```

```
Dim ds() AS DataSource = rs.GetItemDataSources(parentPath +  
"/" + reportName)
```

```
Dim dsRef AS DataSourceReference = New DataSourceReference()  
dsRef.Reference = dsReference
```

```
ds(0).Item = dsRef
```

```
rs.SetItemDataSources(parentPath + "/" + reportName, ds)
```

...

# Redeployment



Report Server

Catalog	
ItemID	
Path	
Name	
ParentID	
Type	
[Content]	
Intermediate	
SnapshotDataID	
LinkSourceID	
Property	
Description	
Hidden	
CreatedByID	
CreationDate	
ModifiedByID	
ModifiedDate	
MimeType	
SnapshotLimit	
Parameter	
PolicyID	
PolicyRoot	
ExecutionFlag	
ExecutionTime	
SubType	
ComponentID	

Delete then deploy

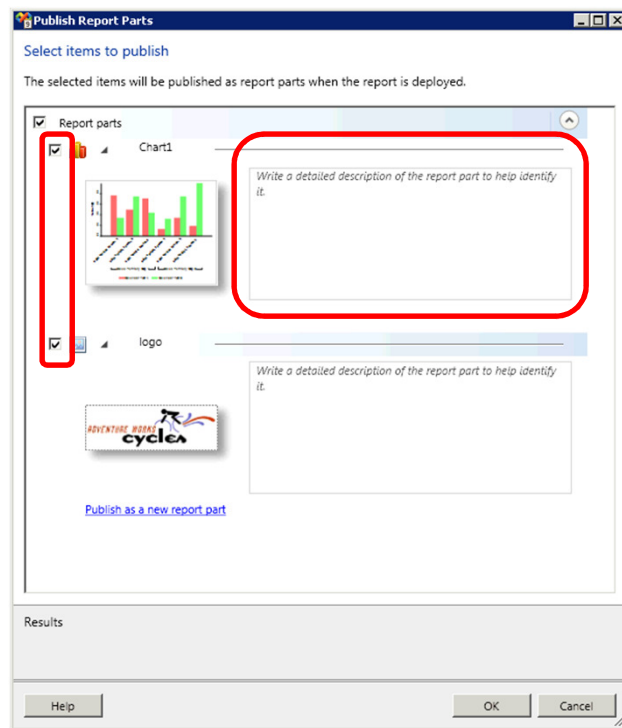
“Server-side” settings preserved:

- Execution
- Parameters
- Security
- History
- Subscriptions

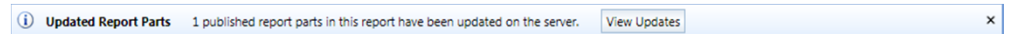
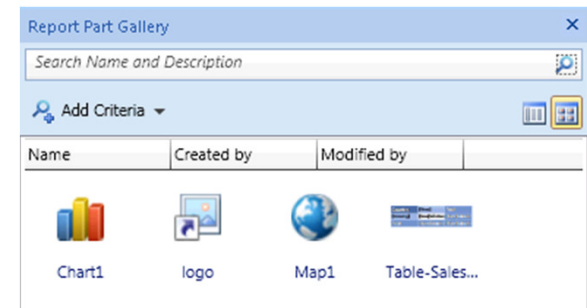
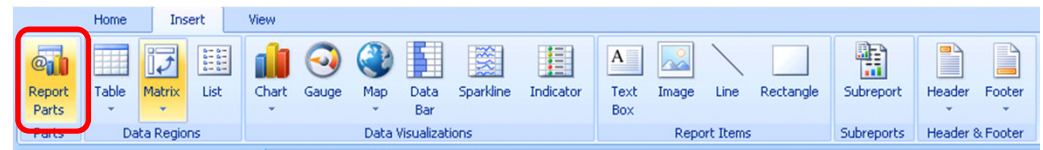


# Report Parts

BIDS



Report Builder 3.0



# Summary

- **Deployment**
  - Move reports to report server, insert files into ReportServer database
- **Project Properties**
  - TargetServerURL, target folders for deployable objects
- **Deployment Options**
  - BIDS, file upload, RS utility
- **Redeployment**
  - Update RDL in Catalog table, “server-side” properties preserved
- **Report Parts**
  - Separate deployment of elements, Report Part Gallery, update notification

# References

- Publishing Data Sources and Reports
  - <http://msdn.microsoft.com/en-us/library/cc281175.aspx>
- Scripting with the RS Utility and the Web Service
  - [http://msdn.microsoft.com/en-us/library/aa256617\(SQL.80\).aspx](http://msdn.microsoft.com/en-us/library/aa256617(SQL.80).aspx)