

SQL Server 2005 Reporting Services Developer 1 Workshop

Summary: This two-day interactive workshop is designed for new users of Microsoft SQL Server 2005 Reporting Services. Some of the topics covered include a review of the software features, administration, report design and the creation of presentation quality reports. The course incorporates a number of hands on exercises to reinforce the learning process.

Prerequisite: Familiarity with Visual Studio 2005 is helpful, but not required.

Target Audience: Developers new to SQL Reporting Services, SQL DBA's and IT management.

Administration and Development

The Big Picture

- SQL Reporting Services Key Features
- Report Design Options
- Data Extensions
- Deployment Options
- Distribution Options
- Rendering Extensions

The Report Wizard

- Using Development Studio
- Using the Report Wizard
- Viewing Reports
- Publishing Reports
- Accessing Reports via the Report Manager
- Printing and Exporting Reports

Creating a Basic Report

- The Main Components of the Design Environment
- Creating a Data Source and a Dataset
- Report Items
- Table Data Region
- Inserting Data Fields
- Inserting Text
- Previewing the Report
- Working with the Textbox Report Item
- Adding, Resizing and Removing Columns and Rows

- Sorting
- Inserting Calculations
- Page Numbers and the Globals Collection
- Summary Calculations
- Grouping Data
- Saving Reports

Query and Report Parameters

- Query vs. Report Parameters
- Create a Report Parameter
- Add Report Parameter to Dataset
- Specifying Query Parameters
- Parameter Properties
- Displaying Parameter Values in a Report
- Multiple Value Parameters
- Using Dynamic Parameters

Formatting Reports

- Quick Formatting using the Toolbar and Menu Options
- Textbox Style Properties
- Table Style Properties
- Table Grouping and Sorting Properties

- Margins and other Report Layout Properties
- Report Header, Footer and Body Areas
- Page Breaks
- Lines and Boxes

Administration

- Using the Report Manager to configure Reporting Services
- Using the SQL Management Studio to Configure Reporting Services
- Using the Reporting Services Configuration Tool
- Creating Folders
- Uploading and Updating Reports
- Modifying Report Properties
- Managing Parameters
- Linked Reports



Administration and Development

Subscriptions, Snapshots and Caching

- Understanding Report Caching and Snapshots
- Data Source Credentials
- Creating Snapshots
- Scheduling Snapshots
- File Share Subscriptions
- Email Subscriptions
- Shared Schedules

Security

- Security Model Concepts
- Roles and Tasks
- Creating New Roles
- Adding Groups and Users
- Securing Folders
- Site Settings
- Row Level Security
- Deploying Audit Management Reports

Building Report Models

- Report Model Architecture
- Create a Report Model Project
- Create a Data Source
- Create a Data Source View
- Modify Data Source View
- The Model Designer

Using Report Builder

- Launching report Builder
- Designer Layout
- Building a Table Report
- Report Filters
- Clickthrough Reports
- Building a Matrix Report
- Creating Formulas
- Creating a Chart Report

Appendix A – System Requirements

Appendix B – Installation Instructions

Appendix C – Expression Functions for Development Studio

Appendix D – Formula Functions for Report Builder

