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Chapter 1 : Tutorial: SQL Server Management Studio (SSMS) | Microsoft Docs

To complete this tutorial, you need SQL Server Management Studio and access to a SQL Server instance. Install SQL Server Management Studio. If you don't have access to a SQL Server instance, select your platform from the following links.

Instructions for restoring databases in SSMS are here: The following examples show how to do so when you back up a database and when you shrink the transaction log. Expand the Databases node. Configure the backup the way you want. For this tutorial, everything is left at default. However, any changes made in the window also reflect in the script. Review the T-SQL populated in the query window. Select Log from the File type drop-down list box: Select Script and Script Action to Clipboard: Open a New Query window and paste. Right-click in the window. Select Execute to execute the query and shrink the transaction log. Script databases

The following section teaches you to script out the database by using the Script As and Generate Scripts options. The Script As option re-creates the database and its configuration options. You can script both the schema and the data by using the Generate Scripts option. In this section, you create two new databases. You use the Script As option to create AdventureWorksa. You use the Generate Scripts option to create AdventureWorksb. Review the database creation query in the window: This option scripts out only the database configuration options. Select the down arrow to open the Replace option. Select Execute to execute the query and create your new AdventureWorksa database. The Introduction page opens. Select Next to open the Chose Objects page. You can select the entire database or specific objects in the database. Select Script entire database and all database objects. Select Next to open the Set Scripting Options page. Here you can configure where to save the script and some additional advanced options. Select Save to new query window. Select Advanced and make sure these options are set: Script Statistics set to Script Statistics. Types of data to script set to Schema only. Script Indexes set to True. Note You can script the data for the database when you select Schema and data for the Types of data to script option. It can take more memory than SSMS can allocate. This limitation is okay for small databases. If you want to move data for a larger database, use the Import and Export Wizard. Select OK, and then select Next. Select Next on the Summary. Then select Next again to generate the script in a New Query window. On the top Find line, enter AdventureWorks On the bottom Replace line, enter AdventureWorksb. Select Execute to execute the query and create your new AdventureWorksb database. Script tables This section covers how to script out tables from your database. Use this option to either create the table or drop and create the table. You can also use this option to script the T-SQL associated with modifying the table. An example is to insert into it or update to it. In this section, you drop a table and then re-create it. Expand your Databases node. Expand your AdventureWorks database node. Expand your Tables node. Select Execute to execute the query. This action drops the Errorlog table and re-creates it. Note The Errorlog table is empty by default in the AdventureWorks database. However, following these steps on a table with data causes data loss. Expand your Programmability node. Expand your Stored Procedure node. Right-click the stored procedure dbo. Script extended events This section covers how to script out extended events. Expand your Management node. Expand your Extended Events node. Expand your Sessions node. Right-click Sessions in Object Explorer. Select Refresh to see your new extended event session. The green icon next to the session indicates the session is running. The red icon indicates the session is stopped. Note You can start the session by right-clicking it and selecting Start. You can delete the copy of the extended event session: Go to the next article to learn more:

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Chapter 2 : MS SQL Server Management Studio

The SQL Server Management Studio (SSMS) tutorial introduces you to the integrated environment for managing your SQL Server infrastructure. SQL Server Management Studio presents a graphical interface for configuring, monitoring, and administering instances of SQL Server.

SQL Server Management Studio components This section describes the various window components that are available in the workspace, and how to use them. To close a window, select the X in the right corner of the title bar. To reopen a window, select the window in the View menu. Object Explorer is a tree view of all the database objects in a server. Object Explorer includes information for all servers that are connected to it. The results of your queries also appear here. You can see the Properties view when the Query Window is open. The view displays basic properties of the query. For example, it shows the time that a query started, the number of rows returned, and connection details. You can use these templates to perform various functions, such as creating or backing up a database. Object Explorer Details F7: This view is more granular than the view in Object Explorer. You can use Object Explorer Details to manipulate multiple objects at the same time. For example, in this window, you can select multiple databases, and then either delete them or script them out simultaneously. Change the environment layout This section describes how to change the environment layout, such as how to move various windows. To move a window, press and hold the title, and then drag the window. To pin or unpin a window, select the pushpin icon in the title bar: Each window component has a drop-down menu that you can use to manipulate the window in various ways: When two or more query windows are open, the windows can be tabbed vertically or horizontally so that both query windows are visible. To view tabbed windows, right-click the title of the query, and then select the tabbed option that you want: To restore the default environment layout, in the Window menu, select Reset Window Layout: Click anywhere in the Query Editor window. This keyboard shortcut works with any document window. Change startup options Startup options determine what your workspace looks like when you first open SSMS. Reset settings to the default You can export and import all these settings from the menu.

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Chapter 3 : Tutorial: Using templates in SQL Server Management Studio | Microsoft Docs

Microsoft SQL Server Management Studio Express (SSMSE) is an integrated environment for accessing, configuring, managing, administering, and developing all components of SQL Server. SQL Server Management Studio Express combines a broad group of graphical tools with a number of rich script editors to provide access to SQL Server to.

In this section, you learn how to locate and use Template Browser. You can see recently used templates at the bottom of the template browser. Right-click the template, and then select Open: You can also double-click the template name to open it. A new query window opens. The T-SQL script is already populated. Modify the template to suit your needs, and then select Execute to run the query: Edit an existing template You can also edit existing templates in Template Browser. In Template Browser, go to the template you want to work with. Right-click the template, and then select Edit: In the query window that opens, make the changes that you want to make. Close the query window. Your edits should appear. Locate templates on disk When a template is open, you can locate the templates that are on disk. In Template Browser, select a template, and then select Edit. The explorer should open where the templates are stored on disk: Create a new template You can also create a new template in Template Browser. The following steps show you how to create a new folder, and then create a new template in that folder. You can also use these steps to create a custom template in an existing folder. Name this folder Custom Templates: Enter a name for your template: Right-click the template you created, and then select Edit. The New Query Window opens. Enter the T-SQL text that you want to save. In the File menu, select Save. Close the existing query window, and then open your new custom template.

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Chapter 4 : Download SQL Server Management Studio

Tutorial: Using templates in SQL Server Management Studio. 03/13/; 2 minutes to read Contributors. In this article. This tutorial introduces you to the prebuilt Transact-SQL (T-SQL) templates that are available in SQL Server Management Studio (SSMS).

In the Connect to Server window, do the following: For Server type, select Database Engine usually the default option. For Authentication, select Windows Authentication. If you select SQL Login, you will be prompted for a username and password. For more information about authentication types, see Connect to server database engine. You can also modify additional connection options by selecting Options. This article uses the default values for all the options. Examples of successful connections To verify that your SQL Server connection succeeded, expand and explore the objects within Object Explorer. Create a database Create a database named TutorialDB by doing the following: Right-click your server instance in Object Explorer, and then select New Query: Into the query window, paste the following T-SQL code snippet: After the query is complete, the new TutorialDB database appears in the list of databases in Object Explorer. Create a table in the new database In this section, you create a table in the newly created TutorialDB database. Because the query editor is still in the context of the master database, switch the connection context to the TutorialDB database by doing the following: In the database drop-down list, select the database that you want, as shown here: Paste the following T-SQL code snippet into the query window, select it, and then select Execute or select F5 on your keyboard. You can either replace the existing text in the query window or append it to the end. To execute everything in the query window, select Execute. To execute a portion of the text, highlight that portion, and then select Execute. Insert rows into the new table Insert some rows into the Customers table that you created previously. To query the Customers table and view the rows that were previously inserted, do the following: Customers; The results of the query are displayed under the area where text was entered: Modify the way results are presented by selecting one of the following options: The middle button displays the results in Grid View, which is the default option. The first button displays the results in Text View, as shown in the image in the next section. The third button lets you save the results to a file whose extension is. Verify your connection properties by using the query window table You can find information about the connection properties under the results of your query. After you run the previously mentioned query in the preceding step, review the connection properties at the bottom of the query window. You can also view the query duration and the number of rows that are returned by the previously executed query. In the image, note that the results are displayed in Text View. Change the server that the query window is connected to You can change the server that your current query window is connected to by doing the following: The Connect to Server window opens again. Change the server that your query is connected to. Note This action changes only the server that the query window is connected to, not the server that Object Explorer is connected to. Go to the next article to learn more:

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Chapter 5 : MSSQL TU Database-Construction Using Microsoft SQL Server Management Studio Express

To script any object in Object Explorer, right-click it and select the Script Object As option. This tutorial shows you the process. Prerequisites. To complete this tutorial, you need SQL Server Management Studio, access to a server that's running SQL Server, and an AdventureWorks database.

This is not the actual server but it provides an opportunity to connect and work with SQL elegantly. In this article we will cover most of available options in this tool. This will help you to connect with four different Server Types Database Engine: To work with relational databases. Here, we use the Transact SQL queries to communicate with server. You have to select the Authentication that you want to use for connecting to server. If you are the system admin, and if your SQL Server is installed in the local computer then you can use this option. In real-time we always have to use this mode of authentication. This will ask the user to enter Username, and Password to connect with server. If we want to write a Query against any database then you have to click New Query button as we shown below. It is Tree view structure that will display all the database Objects in a Server. Holds the databases that are available in the server. It contains all Security related things. Use this folder to Create Logins , Server Roles etc. This folder contains information about Subscriptions, and publications. Use this folder for maintenance such as Checking Server Logs, Session health etc. This folder is used to create Maintenance Plans Query Window: To write a query against any database. Use this to save the current query window in file system. This drop down list will display all the databases that are available in this server. You can select the database that you want to work with. This will open a New Query window along with Connect to database Engine window. First, you have to connect with Database Engine and then you can use the query window to write your own query. This button will cut the selected text. This button will copy the selected text. Use this button to paste the Cut, or Copied content Undo: Use this button to undo the changes Redo: This button is used to redo the changes in query window Navigate Backward: Please click this button to see the activity monitor. It contains the information about the process, Resources, data Files etc. Use this button to debug your code. Use this to find your files. To find required text in a query window Solution Explorer: By clicking this button, Toolbox will be added to the left side As we said before, if you click on the New project button following window will be opened. Use this to replace anything. The Solution Explorer will show you the Files information. And the Properties Window will show all the information about the query such as Connection, Query execution time, Duration, returned rows etc. Used to connect to Server Change Connection: You can change the existing connection by clicking this button Available Databases: It executes the query inside the query window and return the result in result pane. It will help you to debut your code. It will stop the running query. It will help you to stop the long running query. Use this to check whether then Query is parsed or not. Display Estimated Execution Plan: This will help you to find the syntax errors, and it will auto suggest the function names. Include Actual Execution Plan: This will help you understand the execution Include Client Statistics: Enabling this option will include the Client Statistics Execution type, Bytes sent and received etc along with query result. This will help you understand the execution Result to Text: Result will display as text. Result will be displayed in table format or grid format. This is the default one Result to File: Use this option to save the query result in text file. Comment out the Selected Line: Click this button to comment the current line. Click this button to uncomment the current line or selected line. Used to decrease the distance Increase Indent: Use this to increase the distance. Use Decrease Indent, and Increase Indent to properly organize the code. Following screenshot will show you the list of available option in this menu. SSMS can show you the report for each and every object that you select. By clicking the Cube you can see the Analysis Server, clicking report button will show the reporting Server, and last button is to display the Integration Server. By clicking on individual item you can see their definitions. For now, we will explore the Options sub-menu so, let me select the same By clicking the options.. Use this window to change the default color, Fonts type, Size, weight, Keyboard shortcuts etc. I suggest you to explore all the option, but

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remember to note down the changes you made. If anything wrong happens then this will help you to recover easily. Or, use Restore Defaults button on each page to restore the settings to default settings. You can alter the default destination of Query result Result to Text: Use this page to change the table option SQL Server Management Studio – Windows Menu If you are new you might have accidentally positioned some of windows panes in wrong position.

Chapter 6 : Tutorial: SQL Server Management Studio components and configuration | Microsoft Docs

Tutorial: SQL Server Management Studio components and configuration. 03/16/; 3 minutes to read Contributors. In this article. This tutorial describes the various window components in SQL Server Management Studio (SSMS), and some basic configuration options for your workspace.

Chapter 7 : Download SQL Server Management Studio (SSMS) | Microsoft Docs

Once SQL server has been installed successfully start it up by going to Start > All Programs > Microsoft SQL Server R2 > SQL Server Management Studio. You should see a screen similar.

Chapter 8 : Tutorial: Script objects in SQL Server Management Studio | Microsoft Docs

SQL Server Express with Management Tools is an easy-to-use version of the SQL Server® Express data platform that includes the graphical management tool SQL Server Management Studio (SMSS) Express To read what is new in SQL Server® R2 click here.

Chapter 9 : What is Microsoft SQL Server Management Studio (SSMS)

Added new services in SQL Management Studio for SQL Server: Check Database, Indices Management, Shrink Database and Update Statistics. There was an issue concerning installation on disks having more than 2Tb of free space.