

Part 2 – Creating, altering and dropping a database

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In this session we will learn

- Creating, altering and dropping a database.

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Creating and Altering a Database

A SQL Server database can be created, altered and dropped

1. Graphically using SQL Server Management Studio (SSMS) or
2. Using a Query

To Create the database using a query

Create database DatabaseName

Whether, you create a database graphically using the designer or, using a query, the following 2 files gets generated

.MDF file - Data File (Contains actual data)

.LDF file - Transaction Log file (Used to recover the database)

To alter a database, once it's created

Alter database DatabaseName Modify Name = NewDatabaseName

Alternatively, you can also use system stored procedure

Execute sp_renameDB 'OldDatabaseName','NewDatabaseName'

Deleting or Dropping a database

To Delete or Drop a database

Drop Database DatabaseThatYouWantToDrop

Dropping a database, deletes the LDF and MDF files.

You cannot drop a database, if it is currently in use. You get an error stating - Cannot drop database "NewDatabaseName" because it is currently in use.

So, if other users are connected, you need to put the database in single user mode and then drop the database.

Alter Database DatabaseName Set SINGLE_USER With Rollback Immediate

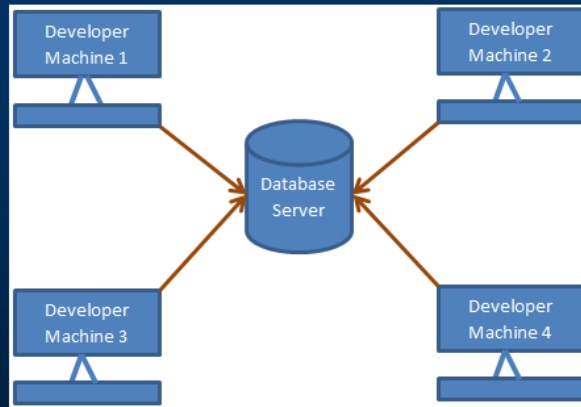
With Rollback Immediate option, will rollback all incomplete transactions and closes the connection to the database.

Note: System databases cannot be dropped.

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Deleting or Dropping a database



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Additional Resources

- PRAGIM Home Page:

- <http://www.PragimTech.com>

- Resources:

- ASP.NET Interview Questions
 - <http://www.VenkatASPInterview.Blogspot.com>
 - C# Interview Questions
 - <http://www.VenkatCSharpInterview.Blogspot.com>

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