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Part 65 – List all tables in a sql server database using a query

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In this session we will learn

- Writing a Transact SQL query to list all the tables in a SQL Server database

SQL Server Video Series

Part 62 - What to choose for performance - SubQuery or Joins

Part 63 - Cursors

Part 64 - Replacing cursors using joins

Link to Dot Net Basics, ASP.NET, C#, ADO.NET and SQL Server video series

http://www.youtube.com/user/kudvenkat/videos?view=1

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T-SQL query to list all tables

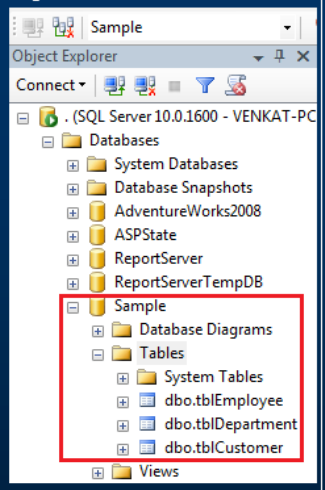
Object explorer with in SQL Server management studio can be used to get the list of tables in a specific database. However, if we have to write a query to achieve the same, there are 3 system views that we can use.

1. **SYSOBJECTS** - SQL Server 2000, 2005 & 2008
2. **SYS.TABLES** - SQL Server 2005 & 2008
3. **INFORMATION_SCHEMA.TABLES** - SQL Server 2005 & 2008

```
-- Gets the list of tables only
Select * from SYSOBJECTS where XTYPE='U'

-- Gets the list of tables only
Select * from SYS.TABLES

-- Gets the list of tables and views
select * from INFORMATION_SCHEMA.TABLES
```



To get the list of different object types (XTYPE) in a database

```
Select Distinct XTYPE from SYSOBJECTS
```

```
IT - Internal table
P  - Stored procedure
PK - PRIMARY KEY constraint
S  - System table
U  - User table
V  - View
```

MSDN link for all possible XTYPE column values

http://msdn.microsoft.com/en-us/library/ms177596.aspx

Additional Resources

- PRAGIM Home Page:
  - www.PragimTech.com
- Resources:
  - ASP.NET Interview Questions
  - www.VenkatASPInterview.Blogspot.com
  - C# Interview Questions
  - www.VenkatCSharpInterview.Blogspot.com
  - SQL Server Interview Questions
  - www.venkatsqlinterview.Blogspot.com

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