

Part 60 – Co related SubQueries

Venkat

PRAGIM Technologies

kudvenkat@gmail.com

<http://csharp-video-tutorials.blogspot.com>

PRAGIM Technologies | www.pragimtech.com | 9900113931

In this session we will learn

- Correlated subqueries in sql server

SQL Server Video Series

Part 57 - Transactions

Part 58 - Transaction Acid Tests

Part 59 - Subqueries

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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Correlated subquery

If the subquery depends on the outer query for its values, then that sub query is called as correlated subquery.

In the where clause of the subquery below, "ProductId" column get it's value from tblProducts table that is present in the outer query.

```
Select [Name],  
(Select SUM(QuantitySold) from tblProductSales  
where ProductId = tblProducts.Id) as TotalQuantity  
from tblProducts  
order by Name
```

So, here the subquery is dependent on the outer query for its value, hence this subquery is a correlated subquery.

Correlated subqueries get executed, once for every row that is selected by the outer query.

Corelated subquery, cannot be executed independently of the outer query.

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