

Part 13 – Advanced JOINS

Venkat

PRAGIM Technologies

kudvenkat@gmail.com

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

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In this session we will learn

- Advanced or intelligent joins in SQL Server
- Retrieve only the non matching rows from the left table
- Retrieve only the non matching rows from the right table
- Retrieve only the non matching rows from both the left and right table

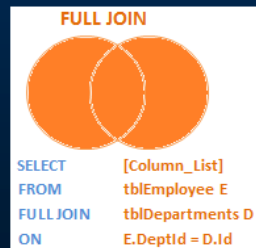
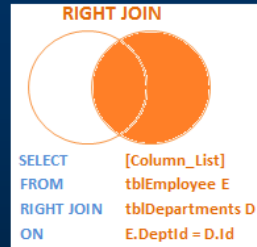
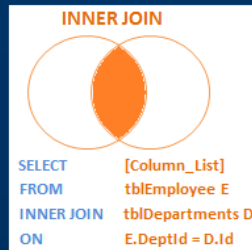
Pre-requisite:

Part 12 – Joins in SQL Server

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Basic Joins



Advanced or Intelligent Joins

ID	Name	Gender	Salary	DepartmentId
1	Tom	Male	4000	1
2	Pam	Female	3000	3
3	John	Male	3500	1
4	Sam	Male	4500	2
5	Todd	Male	2800	2
6	Ben	Male	7000	1
7	Sara	Female	4800	3
8	Valarie	Female	5500	1
9	James	Male	6500	NULL
10	Russell	Male	8800	NULL

Id	DepartmentName	Location	DepartmentHead
1	IT	London	Rick
2	Payroll	Delhi	Ron
3	HR	New York	Christie
4	Other Department	Sydney	Cindrella

Name	Gender	Salary	DepartmentName
James	Male	6500	NULL
Russell	Male	8800	NULL

Name	Gender	Salary	DepartmentName
NULL	NULL	NULL	Other Department

Name	Gender	Salary	DepartmentName
James	Male	6500	NULL
Russell	Male	8800	NULL
NULL	NULL	NULL	Other Department



```

SELECT [Column_List]
FROM   tblEmployee E
LEFT JOIN tblDepartments D
ON     E.DeptId = D.Id
WHERE  D.Id IS NULL
    
```



```

SELECT [Column_List]
FROM   tblEmployee E
RIGHT JOIN tblDepartments D
ON     E.DeptId = D.Id
WHERE  E.DeptId IS NULL
    
```



```

SELECT [Column_List]
FROM   tblEmployee E
FULL JOIN tblDepartments D
ON     E.DeptId = D.Id
WHERE  E.DeptId IS NULL
OR     D.Id IS NULL
    
```

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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