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SQL Server Tutorial

Part 90 - Difference between UNION INTERSECT and EXCEPT in SQL Server

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In this session we will learn

- Difference between UNION INTERSECT and EXCEPT operators

Link to Dot Net Basics, ASP.NET, C#, ADO.NET and SQL Server video series
http://www.youtube.com/user/kudvenkat/playlists

Suggested Videos
Part 87 - SQL Server except operator
Part 88 - Difference between except and not in SQL Server
Part 89 - Intersect operator in SQL Server

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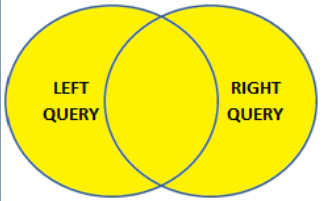
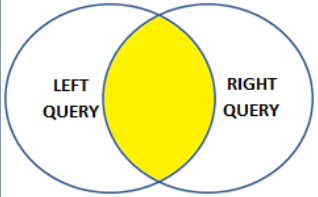
UNION v/s INTERSECT v/s EXCEPT

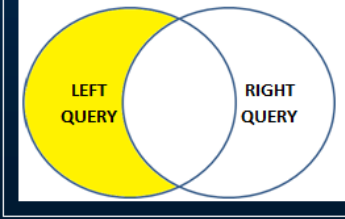
If you are in need of the DVD with all the videos and PPT's, please visit
http://pragimtech.com/order.aspx



UNION operator returns all the unique rows from both the left and the right query. UNION ALL includes the duplicates as well



INTERSECT operator retrieves the common unique rows from both the left and the right query



EXCEPT operator returns unique rows from the left query that aren't in the right query's results

Table A

Id	Name	Gender
1	Mark	Male
2	Mary	Female
3	Steve	Male
3	Steve	Male

Table B

Id	Name	Gender
2	Mary	Female
3	Steve	Male
4	John	Male

UNION Result

Id	Name	Gender
1	Mark	Male
2	Mary	Female
3	Steve	Male
4	John	Male

UNION ALL Result

Id	Name	Gender
1	Mark	Male
2	Mary	Female
3	Steve	Male
3	Steve	Male
2	Mary	Female
3	Steve	Male
4	John	Male

INTERSECT Result

Id	Name	Gender
2	Mary	Female
3	Steve	Male

EXCEPT Result

Id	Name	Gender
1	Mark	Male

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Additional Resources

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Resources:

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