TSQL JOIN Types Poster (Version 3)

NOTE:: There is an updated version of the poster available now. Version 4 is now available.

So many times I have been asked for help with a query, where the question really comes down to the understanding of the difference between INNER and LEFT or RIGHT JOINs. I created this poster a few years ago and I keep it posted on the wall at the office. This way when I am trying to explain JOIN types, I just refer to the poster.

I have created the poster below to help describe JOIN types in SQL Server. This had lead to lots of confusion over time, and this is the best way that I have seen to describe them.

If you are looking for the MySQL version of the poster, click here.

Click to Download TsqlJoinTypes.pdf

Steve Stedman
Freelance SQL Server Consultant
http://stevestedman.com

Click to Download TsqlJoinTypes.pdf The diagram shows the following: INNER JOIN, LEFT OUTER JOIN, RIGHT OUTER JOIN, SEMI JOIN, ANTI SEMI JOIN, LEFT OUTER JOIN with exclusion, RIGHT OUTER JOIN with exclusion, FULL OUTER JOIN, CROSS JOIN, FULL OUTER JOIN with exclusion, CROSS APPLY, OUTER APPLY, two INNER JOINs, two FULL OUTER JOINs, INNER JOIN and a LEFT OUTER JOIN and two LEFT OUTER JOINs.

If you are interested in printing out the poster, download the TsqlJoinTypes.pdf file and print it.

See Also:

- T-SQL INNER JOIN
- TSQL LEFT OUTER JOIN and RIGHT OUTER JOIN
- TSQL FULL OUTER JOIN vs CROSS JOIN
- MySQL JOIN Poster