Db2 Query Build

Build Complex SQL Queries Quickly

- Faster SQL
- Better SQL

Business Challenges

As Db2 SQL has evolved over the last 30+ years, it can do more and more. Taking advantage of the new features and concepts means writing more and more complicated SQL – joins – inner - left outer – right outer – full outer, unions, table expressions, recursive bill of material explosion – and many other new concepts. Making Db2 do more work in a single SQL call generally means a better performing application. Fully exploiting these SQL changes is another matter – someone has to write the new SQL.

SQL Can Be Complex

This diagram is part of the SQL query syntax. Each of the lowercase names in the diagram points to another syntax diagram.

Db2 Query Build - Menu Driven SQL

The join of two tables such as SYSIBM.SYSTABLES AND SYSIBM.SYSINDEXES using Db2 Query Build works like this: list the tables and 2-line commands entered to join them:

The join of the 2 tables is based on the relationship in the Db2 catalog. Next, the SELECT list of columns and expressions and predicates can be added. For table creator SYSIBM, we want to see the tables and indexes:

The only SQL needed is column expressions and the predicates.

SQL Results and SQL Debug

We can quickly view the SQL results for accuracy and there is an interface to SQL Debug to provide explain and Catalog drill down capabilities.

Searchable Query Repository

Queries are saved in a searchable repository. Search by creator and name, table accessed, or by description of the query.