Querying Documents with the SQL API



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Rich Query with SQL

Cosmos DB SQL

Special version of SQL designed for JSON .NET SDK also includes a LINQ provider

Work with JSON

Descend into any subsection of a document Iterate nested arrays for intra-document join Return documents as-is, or as custom shape

Familiar keywords

SELECT, FROM, WHERE, JOIN, IN, BETWEEN, ORDER BY

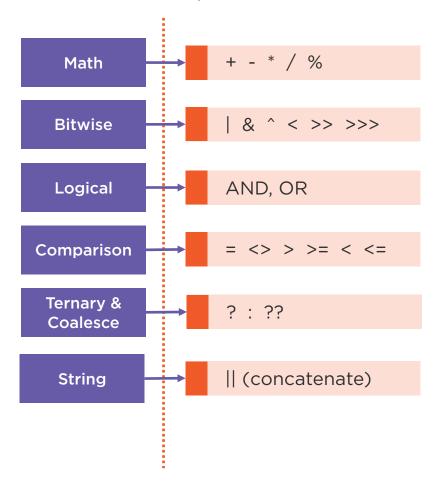
Example

SELECT ch.name, ch.birthdate
FROM Families AS f
JOIN ch IN f.children
WHERE f.address.state = 'CA'

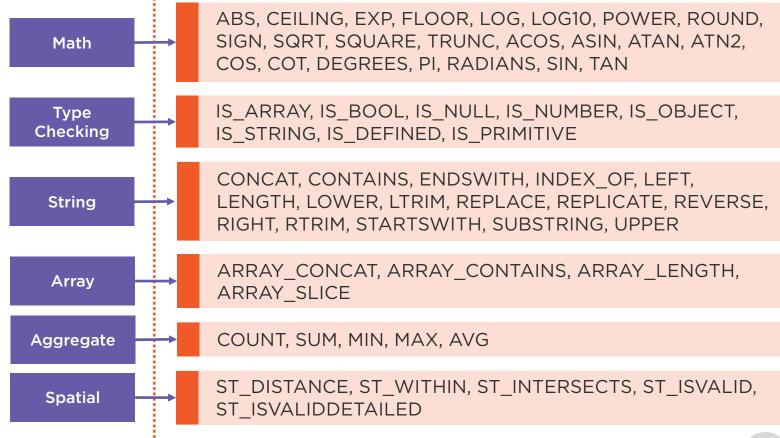


SQL Operators and Functions

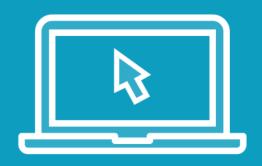
Common operators



Built-in functions

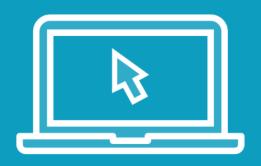






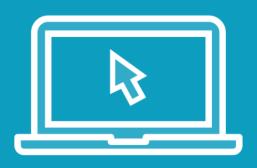
Simple SQL Query





Scalar Expression Queries





Query Operators and Built-in Functions





Querying Documents in a Collection





More SQL Queries





Aggregation Queries





Spatial Queries



Summary



Query documents using SQL

Accessing nested data

Projecting custom shapes

Query operators and built-in functions

