

Package: Query (via r-universe)

September 2, 2024

Title Write SQL Statements with ease

Version 0.0.1.300

Description This package provides a set of utility functions to efficiently write SQL Statements: In essence converting R to SQL.

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Encoding UTF-8

LazyData true

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

Repository <https://flippiecoetser.r-universe.dev>

RemoteUrl <https://github.com/FlippieCoetser/Query>

RemoteRef HEAD

RemoteSha 755509bb6dc436b04afbfef3133ba689357ec582

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DML.Service

Data Manipulating Language

Description

DML is a subset of SQL and used to manipulate data in SQL Database

Value

A list of DML Services:

- INSERT()
- INTO()
- SCHEMA(schema)
- TABLE(table)
- VALUES()
- KEYS(keyValues)
- NEWVALUES(keyValues)
- UPDATE()
- SET()
- KEYVALUES(keyValues)
- DELETE()

DQL.Service

Data Query Language'

Description

DQL is a subset of SQL and used to perform queries against tables in SQL Database

Value

A list of DQL Services:

- SELECT()
- FROM()
- WHERE()

SQL

SQL Statement Generator

Description

Generate SQL statement during runtime.

Value

A list of utility functions:

SQL.Functions

SQL Functions

Description

Generate SQL statement during runtime.

Value

A list of utility functions:

SQL.Functions.Service *SQL Functions'*

Description

SQL contains a set of Utility Functions used to perform primitive operations

Value

A list of SQL Functions:

- LOWER(value, alias)

SQL.Orchestration *SQL Orchestration Service*

Description

a collection of services used to construct SQL Queries during runtime

Value

A list of services:

- SELECT(fields)
- FROM(table)
- WHERE(key, value)
- INSERT(table, keyValues)
- VALUES(keyValues)
- UPDATE(table)
- SET(keyValues)
- DELETE()

SQL.Utilities *SQL Utility Functions*

Description

Generate SQL statement during runtime.

Value

A list of utility functions:

SQL.Utility.Service *Helper Utilities*

Description

Utility services not included in the standard set of SQL functions and used to perform primitive operations

Value

A list of Helper Utilities:

- BRACKET(value)

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