Package 'snowquery'

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Title Query 'Snowflake' Databases with 'SQL'

Version 1.2.1

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Description A wrapper allowing 'SQL' queries to be run on a 'Snowflake' instance directly from an 'R' script, by using the 'snowflake-connector-python' package in the background.

URL https://github.com/mermelstein/snowquery

BugReports https://github.com/mermelstein/snowquery/issues

Imports reticulate, yaml, DBI, RPostgres, RSQLite

Encoding UTF-8

RoxygenNote 7.3.1

License GPL (>= 3)

NeedsCompilation no

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Repository CRAN

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`queryDB` *Query a database*

Description

Run a SQL query on a Snowflake, Redshift or Postgres database and return the results as a data frame. See the snowquery README for more information on how to pass in your credentials.

Usage

```
queryDB(
  query,
  conn_name = "default",
  db_type = NULL,
  username = NULL,
  password = NULL,
  host = NULL,
  port = NULL,
  database = NULL,
  warehouse = NULL,
  account = NULL,
  role = NULL,
  sslmode = NULL,
  timeout = 15
)
```

Arguments

query	A string of the SQL query to execute
conn_name	The name of the connection to use in snowquery_creds.yaml (e.g. "my_snowflake_dwh")
db_type	The type of database to connect to (e.g. "snowflake", "redshift" or "postgres")
username	The username to use for authentication
password	The password to use for authentication
host	The hostname or IP address of the database server
port	The port number to use for the database connection
database	The name of the database to connect to
warehouse	Snowflake The name of the warehouse to use for the Snowflake connection
account	Snowflake The name of the Snowflake account to connect to
role	Snowflake The name of the role to use for the Snowflake connection
sslmode	Whether to use sslmode for the postgres or redshift connection
timeout	The number of seconds to wait for the database to connect successfully

Value

A data frame containing the results of the query

Examples

```
## Not run:
# Query the database and get a dataframe of results
result <- queryDB("SELECT * FROM my_table", conn_name='my_snowflake_dwh')
print(result)

## End(Not run)
```

```
## Not run:
# You can also pass in credentials manually
result <- queryDB("SELECT * FROM my_table",
                  db_type='snowflake',
                  username='my_username',
                  password='my_password',
                  account='my_account',
                  database='my_database',
                  warehouse='my_warehouse',
                  role='my_role',
                  timeout=30)
print(result)

## End(Not run)
```

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