Package ‘snowquery’

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Title  Query 'Snowflake' Databases with 'SQL'
Version 1.2.0
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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 7.2.3
License GPL (>= 3)
NeedsCompilation no
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Repository CRAN
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R topics documented:

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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.
queryDB

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

```r
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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