Package ‘snowquery’

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Title  Query 'Snowflake' Databases with 'SQL'
Version 1.0.0
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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
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 Snowflake or Postgres database

Description

    Run a SQL query on a Snowflake or Postgres database (requires a ~/.snowquery_creds.yaml file)
Usage

```r
queryDB(
  query,
  conn_name = "default",
  db_type = NULL,
  username = NULL,
  password = NULL,
  host = NULL,
  port = NULL,
  database = NULL,
  warehouse = NULL,
  account = NULL,
  role = 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" 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
- `timeout` The number of seconds to wait for the database to connect successfully

Value

A data frame containing the results of the query

Examples

```r
## 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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