Package 'RSqlParser'

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Type Package

Title Parse 'SQL' Statements

Version 1.5

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Description Parser for 'SQL' statements. Currently, it supports parsing of only 'SELECT' statements.

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Imports stringr,stringi

Depends R (>= 2.1.0)

Encoding UTF-8

LazyData true

RoxygenNote 7.1.0

Suggests knitr, rmarkdown,testthat

VignetteBuilder knitr

NeedsCompilation no

Repository CRAN

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Contents

```
get_all_bind_variables
```
                              Get the bind variables in sql statement

---

Description

This function takes sql statement and returns all the bind variables in the sql statement.

Usage

```
get_all_bind_variables(sql)
```

Arguments

sql   statement

Value

all bind variables in the sql statement

Examples

```
get_all_bind_variables("select * from users where userid = :bind_userid")
```

```
get_all_select_cols_with_alias
```
                              Get the names of the selected columns in the sql statement

---

Description

This function takes sql statement and returns all the columns selected in the sql statement.

Usage

```
get_all_select_cols_with_alias(sql)
```

Arguments

sql   statement

Value

names of columns selected in sql statement

Examples

```
get_all_select_cols_with_alias("Select p from abc where xyz = 5")
```

---

get_all_subqueries *Get the subqueries in sql statement*

Description

This function takes sql statement and returns the list of subqueries.It does not return nested sub queries. For nested subqueries, each subquery needs to be fed into the method again.

Usage

```
get_all_subqueries(sql)
```

Arguments

sql   statement

Value

all subqueries for the sql statement

Examples

```
get_all_subqueries("select * from users where appid in
  (select appid from applications)")
```

---

get_all_tables_with_alias
                    Get the names of the tables with alias present in the sql

---

Description

This function takes sql statement and returns the list of names of tables and alias for that table, if any present in the sql statement. The first column represent table name and second column represents alias.

Usage

```
get_all_tables_with_alias(sql)
```

Arguments

sql   statement

Value

names of tables with alias present in sql statement

Examples

```
get_all_tables_with_alias("Select p from abc where xyz = 5")
```

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