Package ‘connections’

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Title Integrates with the 'RStudio' Connections Pane and 'pins'

Version 0.1.1

Description Enables 'DBI' compliant packages to integrate with the 'RStudio' connections pane, and the 'pins' package. It automates the display of schemata, tables, views, as well as the preview of the table's top 1000 records.

License GPL-3

Imports DBI, methods, pins, dplyr, dbplyr, uuid, rscontract

Suggests RSQLite, testthat (>= 2.1.0), covr

Encoding UTF-8

LazyData true

RoxygenNote 7.0.2

URL https://github.com/edgararuiz/connections

BugReports https://github.com/edgararuiz/connections/issues

NeedsCompilation no

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Repository CRAN

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connection_close

Close a connection

Description

Close a connection

Usage

connection_close(con, host = "", type = "", leave_open = FALSE)

Arguments

- **con**: Connection variable
- **host**: Host name of the connection. Optional, defaults to empty
- **type**: Type of connection. Optional, defaults to empty
- **leave_open**: Should the connection be left open. Defaults to FALSE

Value

Returns a NULL object. If using the RStudio IDE, it will attempt to close the connection identified by the 'host' and 'type' arguments, or the con object

Examples

```r
library(DBI)
con <- connection_open(RSQLite::SQLite(), path = "dbname:"
connection_close(con)
con
```

connection_open

Opens a connection

Description

Opens a connection

Usage

connection_open(..., open_pane = TRUE)

Arguments

- **...**: Passed arguments to wrapped connection function
- **open_pane**: Signals for the RStudio Connections pane to open. Defaults to TRUE.
connection_update

Value

Returns a NULL object. If using the RStudio IDE, it will attempt to open the connection

Examples

```r
library(DBI)
con <- connection_open(RSQLite::SQLite(), path = "dbname:")
con
connection_close(con)
```

connection_update  Refreshes a connection

Description

Refreshes a connection

Usage

```r
connection_update(con, hint = "")
```

Arguments

- `con`: Connection variable
- `hint`: Optional argument passed to the Contract

Value

Returns a NULL object. If using the RStudio IDE, it will attempt to refresh the connection identified by attributes of the con object

Examples

```r
library(DBI)
con <- connection_open(RSQLite::SQLite(), path = "dbname:")
connection_update(con)
connection_close(con)
```
connection_view

Populates the RStudio Connection viewer

**Description**

Populates the RStudio Connection viewer

**Usage**

```r
connection_view(
  con,
  connection_code = "",
  host = "",
  name = "",
  connection_id = ""
)
```

**Arguments**

- `con` (Connection variable)
- `connection_code` (Text of code to connect to the same source)
- `host` (Name of Host of the connection)
- `name` (Connection name)
- `connection_id` (Unique ID of the connection for the current session)

**Examples**

```r
library(DBI)
con <- connection_open(RSQLite::SQLite(), path = "dbname:")
connection_view(con)
connection_close(con)
```
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