

Package ‘rpgconn’

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Type Package

Title User-Friendly PostgreSQL Connection Management

Version 0.3.1

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Description Provides a user-friendly interface for managing PostgreSQL database connection settings. The package supplies helper functions to create, edit and load connection and option configuration files stored in a user-specific directory using the 'odbc' and 'RPostgres' back ends. These helpers make it easy to construct a reproducible connection string from a configuration file, either by reading user-defined YAML files or by parsing an environment variable.

Encoding UTF-8

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Language en-US

RoxygenNote 7.3.2

Depends R (>= 4.1.0)

URL <https://github.com/r-data-science/rpgconn>

BugReports <https://github.com/r-data-science/rpgconn/issues>

Imports DBI, fs, RPostgres, stringr, usethis, yaml

Suggests rstudioapi, spelling, testthat (>= 3.0.0)

Config/testthat/edition 3

NeedsCompilation no

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Repository CRAN

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pgdbconn

Database Connect/Disconnect

Description

Database Connect/Disconnect

Usage

```
dbc(cfg = NULL, db = NULL, args_only = FALSE)
```

```
dbd(cn)
```

```
init_yamls()
```

```
dir_rpg()
```

```
edit_config()
```

```
edit_options()
```

Arguments

cfg	a connection config name used when loading connection args from internally stored yaml
db	Database name. Default of NULL will utilize the dbname in the connection string
args_only	If TRUE, only return the connection arguments (Default FALSE will make the connection)
cn	a database connection object

Value

dbc returns a database connection object or a list of connection arguments while dbd returns nothing

Functions

- `dbc()`: Connect to a database or return the connection arguments
- `dbd()`: Disconnect from a database
- `init_yamls()`: edit the internally configured connection parameters
- `dir_rpg()`: get the path to the rpg settings directory
- `edit_config()`: edit the internally configured connection parameters
- `edit_options()`: edit the internally configured connection options

Examples

```
# cn <- dbc("mydb") # Connect
# dbd(cn)           # Disconnect
```

use_config	<i>Use New Config at Path</i>
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Description

Use New Config at Path

Usage

```
use_config(path, overwrite = FALSE)
```

Arguments

path	path to new config yaml file to use
overwrite	overwrite existing config yaml set prior. Default FALSE

Value

Invisible character vector giving the path to the active configuration file after it has been replaced. In non-interactive sessions the file is silently returned.

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