

# Package ‘rpgconn’

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**Type** Package

**Title** User-Friendly PostgreSQL Connection Management

**Version** 0.3.2

**Maintainer** Bobby Fatemi <bfatemi07@gmail.com>

**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

**License** MIT + file LICENSE

**Language** en-US

**RoxygenNote** 7.3.3

**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*

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**Description**

Database Connect/Disconnect

**Usage**

dbc(cfg = NULL, db = NULL, args\_only = FALSE, cfg\_path = NULL, opt\_path = NULL)

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)
cfg_path	optional path to override default db config file.
opt_path	optional path to override default db options file.
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()`: Initialize connection files
- `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
```

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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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