

Package ‘prqlr’

January 20, 2023

Title R Bindings for the 'prql-compiler' Rust Library

Description Provides a function to convert 'PRQL' strings to 'SQL' strings.
Combined with other R functions that take 'SQL' as an argument,
'PRQL' can be used on R.

Version 0.1.0

URL <https://eitsupi.github.io/prqlr/>, <https://github.com/eitsupi/prqlr>

BugReports <https://github.com/eitsupi/prqlr/issues>

Depends R (>= 4.2)

Suggests knitr, rmarkdown, DBI, RSQLite, tidyquery, nycflights13,
dplyr, testthat (>= 3.0.0), patrick

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Language en-US

Encoding UTF-8

RoxygenNote 7.2.3

SystemRequirements Cargo (rustc package manager)

VignetteBuilder knitr

Config/testthat/edition 3

Config/rextendr/version 0.2.0.9000

NeedsCompilation yes

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Repository CRAN

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prql_available_dialects
Available dialect names

Description

Available dialects for the dialect option of the `prql_compile()` function.

Usage

```
prql_available_dialects()
```

Value

a character vector of dialect names.

Examples

```
prql_available_dialects()
```

prql_compile *Compile a PRQL query into a SQL query*

Description

Compile a PRQL query into a SQL query

Usage

```
prql_compile(prql_query, dialect = NA, format = TRUE, signature_comment = TRUE)
prql_to_sql(prql)
```

Arguments

prql_query, prql	a PRQL query string.
dialect	a SQL dialect name to use. If not specified, the dialect contained in the query will be used.
format	a logical flag. Whether to format the SQL query.
signature_comment	a logical flag. Whether to add a signature comment to the output SQL query.

Details

`prql_to_sql` is deprecated in favor of `prql_compile`.

Value

a SQL query string

See Also

[prql_available_dialects](#)

Examples

```
"from mtcars | filter cyl > 6 | select [cyl, mpg]" |>
  prql_compile()

"from mtcars | filter cyl > 6 | select [cyl, mpg]" |>
  prql_compile(format = FALSE, signature_comment = FALSE)

"
from mtcars
filter cyl > 6
select ![cyl]
" |>
  prql_compile("duckdb") |>
  cat()

# Target dialect can also be written in the PRQL query.
"
prql target:sql.duckdb

from mtcars
filter cyl > 6
select ![cyl]
" |>
  prql_compile() |>
  cat()
```

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