

# Package: RClickhouse (via r-universe)

February 14, 2025

**Type** Package

**Title** 'Yandex Clickhouse' Interface for R with Basic 'dplyr' Support

**Version** 0.6.9

**Encoding** UTF-8

**Description** 'Yandex Clickhouse' (<<https://clickhouse.com/>>) is a high-performance relational column-store database to enable big data exploration and 'analytics' scaling to petabytes of data. Methods are provided that enable working with 'Yandex Clickhouse' databases via 'DBI' methods and using 'dplyr'/'dbplyr' idioms.

**License** GPL-2

**Imports** dplyr (>= 1.1.0), dbplyr (>= 2.0.0), methods (>= 3.3.2), DBI (>= 1.0.0), Rcpp (>= 0.11.0), bit64, cli

**RoxygenNote** 7.2.3

**NeedsCompilation** yes

**Depends** R (>= 3.6.2)

**Suggests** testthat

**Collate** 'RcppExports.R' 'RClickhouse.R' 'ClickhouseDriver.R'  
'ClickhouseConnection.R' 'ClickhouseResult.R'  
'dbplyr-helpers.R' 'dplyr.R' 'zzz.R'

**URL** <https://github.com/IMSMWU/RClickhouse>

**BugReports** <https://github.com/IMSMWU/RClickhouse/issues>

**LinkingTo** Rcpp

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**Additional\_repositories** <https://cranhaven.r-universe.dev>

**Config/pak/sysreqs** libicu-dev

**Repository** <https://cranhaven.r-universe.dev>

**RemoteUrl** <https://github.com/cranhaven/cranhaven.r-universe.dev>

**RemoteRef** package/RClickhouse

**RemoteSha** 99ba2f683aeca6c1f7b4afadc81057db42f9493c

**RemoteSubdir** RClickhouse

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dbplyr\_case\_sensitive *Get dbplyr to work with Clickhouse*

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## Description

Functions passed to Clickhouse are case sensitive. By default dbplyr converts functions that are not predefined to upper case. This function changes that behavior to leave passed functions as they are.

## Usage

```
dbplyr_case_sensitive()
```

## Value

No return value, called for side effects.

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fix_dbplyr	<i>Return to dbplyrs original behavior</i>
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**Description**

Since Clickhouse functions are case sensitive dbplyr behavior was altered to reflect that. This function will set dbplyr back to its original state of converting unknown functions to upper case.

**Usage**

```
fix_dbplyr()
```

**Value**

No return value, called for side effects.

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RClickhouse	<i>RClickhouse</i>
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**Description**

provides access to a clickhouse database

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sql_aggregate	<i>adapted from dbplyr</i>
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**Description**

adapted from dbplyr

adapted from dbplyr

**Usage**

```
sql_aggregate(f)
```

```
sql_aggregate_2(f)
```

**Arguments**

f                    SQL function name

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