Package ‘RClickhouse’

March 6, 2020

Type  Package
Title  A 'DBI' Interface to the 'Yandex Clickhouse' Database Providing Basic 'dplyr' Support
Version 0.5.2
Encoding UTF-8
Description 'Yandex Clickhouse' (<https://clickhouse.yandex/> 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
SystemRequirements C++11
Imports dplyr (>= 0.7.0), dbplyr (>= 1.0.0), methods (>= 3.3.2), DBI (>= 0.6.0), Rcpp (>= 0.11.0), bit64
LazyData true
RoxygenNote 7.0.2
NeedsCompilation yes
Depends R (>= 3.3)
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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\section*{R topics documented:}

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1. \texttt{dbplyr_case_sensitive} \textit{Get dbplyr to work with Clickhouse}

\subsection*{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.

\subsection*{Usage}
\begin{verbatim}
\texttt{dbplyr_case_sensitive()}
\end{verbatim}

\subsection*{fix_dbplyr} \textit{Return to dbplyrs original behavior}

\subsection*{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.

\subsection*{Usage}
\begin{verbatim}
\texttt{fix_dbplyr()}
\end{verbatim}
Description
provides access to a clickhouse database

Usage
sql_aggregate(f)
sql_aggregate_2(f)

Arguments
f SQL function name
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