Package ‘adbcsqlite’

October 11, 2023

Title 'Arrow' Database Connectivity ('ADBC') 'SQLite' Driver

Version 0.7.0.1

Description Provides a developer-facing interface to the 'Arrow' Database Connectivity ('ADBC') 'SQLite' driver for the purposes of building high-level database interfaces for users. 'ADBC' <https://arrow.apache.org/adbc/> is an API standard for database access libraries that uses 'Arrow' for result sets and query parameters.

License Apache License (>= 2)

Encoding UTF-8

RoxygenNote 7.2.3

SystemRequirements SQLite3

Suggests nanoarrow, testthat (>= 3.0.0)

Config/testthat/edition 3

Config/build/bootstrap TRUE

URL https://github.com/apache/arrow-adbc

BugReports https://github.com/apache/arrow-adbc/issues

Imports adbcdrivermanager

NeedsCompilation yes

Author Dewey Dunnington [aut, cre] (<https://orcid.org/0000-0002-9415-4582>), Apache Arrow [aut, cph], Apache Software Foundation [cph]

Maintainer Dewey Dunnington <dewey@dunnington.ca>

Repository CRAN

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ADBC SQLite3 Driver

Usage

adbcsqlite()

## S3 method for class 'quotesingle.Var'
adbcsqlite_driver_sqlite/quotesingle.Var

adbc_database_init(driver, ..., uri = "memory")

## S3 method for class 'adbcsqlite_database'
adbc_connection_init(database, ..., adbc.connection.autocommit = NULL)

## S3 method for class 'adbcsqlite_connection'
adbc_statement_init(
  connection,
  ...,
  adbc.ingest.target_table = NULL,
  adbc.ingest.mode = NULL,
  adbc.sqlite.query.batch_rows = NULL
)

Arguments

driver An adbc_driver().

... Driver-specific options. For the default method, these are named values that are converted to strings.

uri A URI to a database path or "memory:" for an in-memory database.

database An adbc_database.

adbc.connection.autocommit

Use FALSE to disable the default autocommit behaviour.

connection An adbc_connection

adbc.sqlite.query.batch_rows

The number of rows per batch to return.

Value

An adbcdrivermanager::adbc_driver()
adbcsqlite

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