

Package ‘adbcsqlite’

May 27, 2025

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

Version 0.18.0

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 7.3.2

SystemRequirements SQLite3

Suggests nanoarrow, testthat (>= 3.0.0)

Config/testthat/edition 3

Config/build/bootstrap TRUE

URL <https://arrow.apache.org/adbc/current/r/adbcsqlite/>,
<https://github.com/apache/arrow-adbc>

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

Imports adbcdrivermanager

NeedsCompilation yes

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Repository CRAN

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Description

ADBC SQLite3 Driver

Usage

```
adbcsqlite()

## S3 method for class 'adbcsqlite_driver_sqlite'
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.ingest.target_table	The name of the target table for a bulk insert.
adbc.ingest.mode	Whether to create (the default) or append.
adbc.sqlite.query.batch_rows	The number of rows per batch to return.

Value

An `adbcdrivermanager::adbc_driver()`

Examples

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adbcsqlite()
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