

Package ‘adbcpostgresql’

January 22, 2025

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

Version 0.16.0

Description Provides a developer-facing interface to the 'Arrow' Database Connectivity ('ADBC') 'PostgreSQL' 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 libpq

Suggests nanoarrow, testthat (>= 3.0.0)

Config/testthat/edition 3

Config/build/bootstrap TRUE

URL <https://arrow.apache.org/adbc/current/r/adbcpostgresql/>,
<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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adbcpostgresql *ADBC PostgreSQL Driver*

Description

ADBC PostgreSQL Driver

Usage

```
adbcpostgresql()

## S3 method for class 'adbcpostgresql_driver_postgresql'
adbc_database_init(driver, ..., uri)

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

## S3 method for class 'adbcpostgresql_connection'
adbc_statement_init(
  connection,
  ...,
  adbc.ingest.target_table = NULL,
  adbc.ingest.mode = 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 (e.g., postgresql://localhost:1234/postgres?user=user&password=pass). |
| 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. |

Value

An [adbcdrivermanager::adbc_driver\(\)](#)

Examples

`adbcpostgresql()`

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