Package: hscida (via r-universe)

October 3, 2026

Title HSCI Data Access Provider

Version 0.6.0

Description Provides data access helpers for HSCI datasets using DuckDB.

License file LICENSE

Encoding UTF-8

Roxygen list(markdown = TRUE)

Imports bit64, DBI, dbplyr, dplyr, duckdb, dotenv, glue, here, rlang, stringr

Suggests readr, testthat (>= 3.0.0), tibble

Config/testthat/edition 3

Depends R (>= 4.1.0)

Config/roxygen2/version 8.0.0

Config/pak/sysreqs libicu-dev xz-utils

Repository https://hsci-r.r-universe.dev

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RemoteUrl https://github.com/hsci-r/hscida

RemoteRef HEAD

RemoteSha 298a67635617f74406233a11f9160ab8866e3844

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data_access *Create a data access object backed by DuckDB.*

Description

Create a data access object backed by DuckDB.

Usage

```
data_access(config = config_from_env())
```

Arguments

config	A configuration list (by default from config_from_env()).

Value

A list with a DBI connection con, dataset accessor f, and dataset discovery function list_datasets.

Examples

```
cfg <- list(
  path_query = "glob('{projroot}/{dataset}/*.csv')",
 list_datasets_query = "SELECT DISTINCT regexp_extract(file, '{projroot}/([^/]+)', 1) AS dataset FROM glob('{proj
  init_sql = "SELECT 1",
  duckdb_config = list(),
  projroot = tempdir()
)
da <- data_access(cfg)
DBI::dbDisconnect(da$con, shutdown = TRUE)
```

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