Package 'econdatasets'

November 21, 2025

Title Easily Download 'EconDataverse' Datasets

Version 0.1.0

Description The 'EconDataverse' is a universe of open-source packages to work seamlessly with economic data. This package is designed to make it easy to download selected datasets that are preprocessed by 'EconDataverse' packages and publicly hosted on 'Hugging Face'. Learn more about the 'EconDataverse' at <https://www.econdataverse.org>.

License MIT + file LICENSE

Depends R (>= 4.1)

Imports arrow, cli, httr2, jsonlite

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

Encoding UTF-8

RoxygenNote 7.3.3

URL <https://tidy-intelligence.github.io/r-econdatasets/>, <https://github.com/tidy-intelligence/r-econdatasets>

BugReports <https://github.com/tidy-intelligence/r-econdatasets/issues>

NeedsCompilation no

Author Christoph Scheuch [aut, cre, cph] (ORCID: <https://orcid.org/0009-0004-0423-6819>)

Maintainer Christoph Scheuch <christoph@tidy-intelligence.com>

Repository CRAN

Date/Publication 2025-11-21 11:30:02 UTC

Contents

---

ed_get   *Get a dataset from EconDataverse Hugging Face repositories*

Description

Downloads and reads a Parquet file directly from the EconDataverse Hugging Face datasets using the `arrow` package.

Usage

```
ed_get(dataset, table, columns = NULL, quiet = FALSE)
```

Arguments

dataset	Character string naming the dataset repository on Hugging Face (e.g., `"wbids"` for World Bank Indicators).
table	Character string naming the table.
columns	Character vector naming the columns. Defaults to `NULL`.
quiet	Logical; suppress messages? Default: FALSE.

Value

A `data.frame` containing the requested dataset, or `NULL` if the download fails.

Examples

```
df <- ed_get("wbids", "counterparts")
head(df)

df <- ed_get(
  "wbids",
  "counterparts",
  columns = c("counterpart_id", "counterpart_name"))
```

---

ed_get_datasets   *List available datasets in the EconDataverse organization*

Description

Retrieves a list of all datasets published under the [EconDataverse](#) organization on Hugging Face.

Usage

```
ed_get_datasets(quiet = FALSE)
```

Arguments

quiet	Logical; whether to suppress informational messages. Defaults to FALSE.

Value

A data frame with columns:

dataset Dataset identifier on Hugging Face

total_downloads Approximate download count

last_modified Last update timestamp (UTC)

is_private Logical; whether the dataset is private

is_gated Logical; whether access is gated

Returns NULL if the request fails.

Examples

```
ed_get_datasets()
```

---

ed_get_tables	*List Parquet tables for a specific EconDataverse dataset*

Description

Queries the Hugging Face Hub and returns all `.parquet` files under a given dataset repository in the [EconDataverse](#) organization, including file sizes.

Usage

```
ed_get_tables(dataset, quiet = FALSE)
```

Arguments

dataset	Character; the dataset repository name (e.g., "wbids").
quiet	Logical; suppress messages? Default: FALSE.

Value

A data.frame with:

table Basename without the `.parquet` extension

filename Filename with extension

path Path within the repo

size File size

url Direct `resolve/main` URL to the Parquet file

Returns NULL if the request fails.

Examples

```
ed_get_tables("wbids")
```

Index