

# Package: taco (via r-universe)

October 9, 2026

**Type** Package

**Title** TACO - AI-Ready Earth Observation Datasets

**Version** 0.14.2

**Description** R bindings to libtaco, the reference library for the TACO format.

**License** MIT + file LICENSE

**URL** <https://github.com/asterisk-labs/taco>

**BugReports** <https://github.com/asterisk-labs/taco/issues>

**Encoding** UTF-8

**Language** en-US

**SystemRequirements** C++23, libcurl (>= 7.83.0), OpenSSL (>= 3.0)

**Depends** R (>= 4.3)

**Imports** cli (>= 3.0.0), duckdb (>= 1.5.5), DBI, jsonlite, tibble

**Suggests** testthat (>= 3.0.0)

**Config/testthat/edition** 3

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.3.3

**Config/pak/sysreqs** libssl-dev xz-utils

**Repository** <https://asterisk-labs.r-universe.dev>

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**RemoteUrl** <https://github.com/asterisk-labs/taco>

**RemoteRef** main

**RemoteSha** 6ac02ed0cdf01f4275e4229cb651bf07619c4a88

**RemoteSubdir** r

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|---------|-------------------------------|
| inspect | <i>Inspect a TACO dataset</i> |
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Description

Reads collection and contract information without reading samples.

Usage

inspect(source, query)

Arguments

- |        |                                                                                     |
|--------|-------------------------------------------------------------------------------------|
| source | One dataset path or URL.                                                            |
| query  | One of "contract", "structure", "levels", "collection", "profile", or "native_sql". |

Value

The requested dataset information.

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|              |                            |
|--------------|----------------------------|
| open_dataset | <i>Open a TACO dataset</i> |
|--------------|----------------------------|

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Description

Open a TACO dataset

Usage

open\_dataset(source)

Arguments

- |        |                                    |
|--------|------------------------------------|
| source | One or more dataset paths or URLs. |
|--------|------------------------------------|

Value

A taco\_dataset with its resolved sources, collection and contract.

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|      |                            |
|------|----------------------------|
| read | <i>Read a TACO dataset</i> |
|------|----------------------------|

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**Description**

source is one or more .zip archives, a FOLDER directory or a .tacocat catalog, local or remote. Multiple sources must share a contract.

**Usage**

```
read(source, files = NULL)

## S3 method for class 'character'
read(source, files = NULL)

## S3 method for class 'taco_dataset'
read(source, files = NULL)
```

**Arguments**

|        |                                                            |
|--------|------------------------------------------------------------|
| source | A dataset, or local paths or http(s)/s3/gcs/azure/hf URLs. |
| files  | Restrict which structure leaves are read. NULL reads all.  |

**Value**

A tibble.

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|     |                             |
|-----|-----------------------------|
| sql | <i>Query a TACO dataset</i> |
|-----|-----------------------------|

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**Description**

Query a TACO dataset

**Usage**

```
sql(dataset, query)
```

**Arguments**

|         |                                                        |
|---------|--------------------------------------------------------|
| dataset | An object returned by <a href="#">open_dataset()</a> . |
| query   | A SQL query over dataset or a raw metadata level.      |

**Value**

A tibble.

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