

# Package ‘redatam’

April 17, 2025

**Type** Package

**Title** Import 'REDATAM' Files

**Version** 2.1.2

**Imports** data.table, janitor, stringi, stringr, tibble

**Suggests** knitr, rmarkdown, testthat (>= 3.0.0)

**Depends** R(>= 3.5.0)

**Description** Import 'REDATAM' formats into R via the 'Open REDATAM' C++ library.  
The full context of this project and details about the implementation are available in <[doi:10.1017/dap.2025.4](https://doi.org/10.1017/dap.2025.4)> (Open Access).

**License** Apache License (>= 2)

**URL** <https://github.com/litalbarkai/open-redatam>

**BugReports** <https://github.com/litalbarkai/open-redatam/issues>

**RoxygenNote** 7.3.2

**Encoding** UTF-8

**NeedsCompilation** yes

**VignetteBuilder** knitr

**LinkingTo** cpp11

**Config/testthat/edition** 3

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**Repository** CRAN

**Date/Publication** 2025-04-17 15:40:02 UTC

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read_redatam	<i>Read REDATAM dictionary</i>
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### Description

Read a DIC or DICX dictionary file directly into R.

### Usage

```
read_redatam(dictionary)
```

### Arguments

`dictionary` A character string with the path to the dictionary file. It allows relative paths.

### Value

A list of tibbles, each one representing a table with the census entities (or levels) and their attributes (or variables).

### Examples

```
# Read a dictionary file (Uruguay 2011, aggregated)
zip <- system.file("extdata", "uru2011mini.zip", package = "redatam")
dout <- paste(tempdir(), "uru2011mini", sep = "/")
unzip(zip, exdir = dout)
read_redatam(paste(dout, "uru2011mini.dic", sep = "/"))
# or equivalently
read_redatam(paste(dout, "uru2011mini.dicx", sep = "/"))
```

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