

# Package ‘readsdmx’

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**Type** Package

**Title** Read SDMX-XML Data

**Version** 0.2.2

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**Description** Read Statistical Data and Metadata Exchange (SDMX) XML data.

This the main transmission format used in official statistics. Data can be imported from local SDMX-ML files or a SDMX web-service and will be read in 'as is' into a dataframe object. The 'RapidXML' C++ library <<http://rapidxml.sourceforge.net>> is used to parse the XML data.

**URL** <https://github.com/mdequeljoe/readsdmx>

**BugReports** <https://github.com/mdequeljoe/readsdmx/issues>

**License** GPL-3

**Encoding** UTF-8

**LazyData** true

**Imports** Rcpp (>= 0.12.18), utils

**LinkingTo** Rcpp

**RoxygenNote** 6.1.1

**Suggests** testthat

**NeedsCompilation** yes

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SDMX-ML test files)

**Repository** CRAN

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read_sdmx	<i>Read SDMX data</i>
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### Description

read SDMX data into R as dataframes

### Usage

```
read_sdmx(path, destfile = tempfile(fileext = ".xml"), quiet = TRUE,
  method = "libcurl", mode = "w", ...)
```

### Arguments

path	Character; the path to an SDMX-ML xml file
destfile	A character string with the name where the downloaded file is saved. Tilde-expansion is performed.
quiet	If TRUE, suppress status messages (if any), and the progress bar.
method	Method to be used for downloading files. Current download methods are "internal", "wininet" (Windows only) "libcurl", "wget" and "curl", and there is a value "auto": see 'Details' and 'Note'. The method can also be set through the option "download.file.method": see <a href="#">options()</a> .
mode	character. The mode with which to write the file. Useful values are "w", "wb" (binary), "a" (append) and "ab". Not used for methods "wget" and "curl". (See also 'Details'.)
...	allow additional arguments to be passed, unused.

### Details

read\_sdmx returns a dataframe with the SDMX data 'as-is' which means that all columns will be character vectors. The base R function 'download.file' is used when a url is provided to read\_sdmx.

### Value

data.frame object

### Examples

```
f <- system.file("extdata/compact_2.0.xml", package = "readsdmx")
d <- readsdmx::read_sdmx(f)

## Not run:
u <-
  "https://stats.oecd.org/restsdmx/sdmx.ashx/GetData/HH_DASH/..Q/all?format=compact_v2"
d <- readsdmx::read_sdmx(u)
```

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## End(Not run)

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