

Package ‘epxToR’

May 8, 2026

Type Package

Title Import 'Epidata' XML Files '.epx'

Version 0.4-1

Date 2020-05-20

Description Import data from 'Epidata' XML files '.epx' and convert it to R data structures.

License GPL-3

Encoding UTF-8

LazyData true

Depends XML,httr

NeedsCompilation no

Author Jean Pierre Decorps [aut, cre],
David Whiting [aut],
Bruno Granouillac [ctb],
Laura March [ctb]

Maintainer Jean Pierre Decorps <jean.pierre.decorps@gmail.com>

Repository CRAN

Date/Publication 2020-05-21 12:50:09 UTC

Contents

abstract	2
as.data.frame	3
read.epx	4

Index	5
--------------	----------

abstract

Retrieve study informations from the file.

Description

S3 method. Retrieve study informations from a loaded epX file, and return a data.frame containing these informations.

Usage

```
abstract(x)
```

Arguments

x **Object** - an epX object created by read.epX

Details

Value

A data.frame with some study informations:

File Name	- File name containing this study
Title	- Title of the study
Author	- Author of the study
Agency	- Name of the agency conducting the study
Created	- Date Time of file creation
Identifier	- An identifier..
Modified	- Date Time of the last modification of this file
Note	-
Version	-

Author(s)

Jean Pierre Decorps <jean.pierre.decorps@gmail.com>

Examples

```
# -----
```

as.data.frame

Get the data.frame from an epx object.

Description

S3 method. Get the data.frame of an epx object created by read.epx

Usage

```
as.data.frame(x)
```

Arguments

x **Object** - an epx object created by read.epx

Details

Value

Note

Author(s)

Jean Pierre Decorps <jean.pierre.decorps@gmail.com>

References

See Also

Examples

```
# -----
```

read.epx *Import an Epidata xml file (.epx)*

Description

Import an Epidata xml file (.epx)

Usage

```
read.epx(x, use.epidata.labels = TRUE, set.missing.na = TRUE)
```

Arguments

x **char** - Filename
use.epidata.labels **Boolean** - replace value of a variable by an internal label. Default is TRUE
set.missing.na **Boolean** - replace missing by NA. Default is TRUE

Details

This function read an Epidata file containing new xml format data.

Value

An "epx" object

Note

This work is derived from the work of David Whiting.

Be careful, don't include ',' or ';' into text field, these characters can be used as separators.

Epidata types handled : ftString, ftInteger, ftFloat, ftDMYDate

WARNING: with R 3.4.0 this function generates many warning. That is tied to the fact than XML package has not still be updated.

Author(s)

Jean Pierre Decorps <jean.pierre.decorps@gmail.com>

References

Examples

```
# -----
```

Index

* ~documentation

abstract, [2](#)

as.data.frame, [3](#)

read.epx, [4](#)

abstract, [2](#)

as.data.frame, [3](#)

read.epx, [4](#)