

# Package ‘epxToR’

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**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

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abstract

*Retrieve study informations from the file.*

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### 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

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### 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

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

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as.data.frame

*Get the data.frame from an epx object.*

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### **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**

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### **Value**

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### **Note**

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### **Author(s)**

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

### **References**

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### **See Also**

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### **Examples**

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

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

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### 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

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### Examples

```
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