

Package ‘xesreadR’

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Type Package

Title Read and Write XES Files

Version 0.2.2

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Description Read and write XES Files to create event log objects used by the 'bupaR' framework. XES (Extensible Event Stream) is the `IEEE` standard for storing and sharing event data (see <<http://standards.ieee.org/findstds/standard/1849-2016.html>> for more info).

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Encoding UTF-8

LazyData true

Depends R(>= 3.0.0)

Imports bupaR, dplyr, XML, xml2, data.table, tidyr, purrr, stringr, lubridate

RoxygenNote 6.0.1

Suggests knitr, rmarkdown

VignetteBuilder knitr

URL <http://www.bupar.net>

NeedsCompilation no

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case_attributes_from_xes
Case Attributes from Xes-file

Description

Extracts case attributes from a xes-file.

Usage

```
case_attributes_from_xes(xesfile = file.choose())
```

Arguments

xesfile Reference to a .xes file, conforming to the xes-standard.

See Also

<http://www.xes-standard.org/>

eventlog_from_xes *eventlog_from_xes*

Description

Extracts eventlog from a xes-file.

Usage

```
eventlog_from_xes(xesfile = file.choose())
```

Arguments

xesfile Reference to a .xes file, conforming to the xes-standard.

See Also

<http://www.xes-standard.org/>

read_xes	<i>read_xes</i>
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Description

Extracts eventlog from a xes-file.

Usage

```
read_xes(xesfile = file.choose())
```

Arguments

xesfile Reference to a .xes file, conforming to the xes-standard.

See Also

<http://www.xes-standard.org/>

read_xes_cases	<i>Case Attributes from Xes-file</i>
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Description

Extracts case attributes from a xes-file.

Usage

```
read_xes_cases(xesfile = file.choose())
```

Arguments

xesfile Reference to a .xes file, conforming to the xes-standard.

See Also

<http://www.xes-standard.org/>

write_xes *Write XES file*

Description

Function for writing xes-file

Usage

```
write_xes(eventlog, xesfile = file.choose(), case_attributes = NULL)
```

Arguments

eventlog An event log object
xesfile Destination file
case_attributes List of columns containing case_attributes

xesreadR *xesreadR - Read and write XES files*

Description

Functions for reading and writing XES-files. XES (eXtensible Event Stream) is the IEEE standard for storing and sharing event data (see <<http://standards.ieee.org/findstds/standard/1849-2016.html>> for more info)

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