

Package: `muste` (via `r-universe`)

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Type Package

Title General Editorial Computing Environment for Data Analysis

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Description Survo R is an open source version of the general computing environment Survo developed by professor Seppo Mustonen.

License Artistic-2.0

LazyLoad yes

Depends R (>= 2.8.0)

Imports tcltk, utils

Suggests survo.audio, virta, grid, RCurl, httpuv

NeedsCompilation yes

Repository <https://rsund.r-universe.dev>

RemoteUrl <https://github.com/rsund/survor>

RemoteRef HEAD

RemoteSha cb1db9176b6620e5c48576c115fb6501f1451694

Contents

<code>muste_ExpandFileName</code>	2
<code>read.svo</code>	2
<code>survo</code>	3
<code>write.svo</code>	4

Index	5
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muste_ExpandFileName *Expand file name using Survo R paths*

Description

Expands file name containing Survo R paths

Usage

```
muste_ExpandFileName(path)
```

Arguments

path input path

Details

Gives expanded path as output.

Value

Expanded path.

Author(s)

Reijo Sund

read.svo *Read Survo Binary Files*

Description

Reads a file in Survo (or Muste) binary format into a data frame.

Usage

```
read.svo(file)
```

Arguments

file a filename or URL as a character string.

Details

If the filename appears to be a URL (of schemes 'http:', 'ftp:' or 'https:') the URL is first downloaded to a temporary file and then read. ('https:' is only supported on some platforms.)

The variables in the Survo data set become the columns of the data frame. Missing values are correctly handled. The variable labels, types and lengths as well as data description and info are stored as attributes of the data frame.

Value

A data frame with attributes. These will include "status.info", "status.description", "status.varname", "status.vartype" and "status.varlen".

Author(s)

Reijo Sund

survo

Launch Survo editor

Description

Initializes Survo R and opens the editorial interface window. For more information, type HELP? in the editor and activate by ESC-key. See also [Survo R web pages](#) and [Survo web pages](#) for more information. Especially [getting started tour](#), [Survo books](#), [Survo demos](#) and [Survo help system](#) are likely to be useful for a newbie.

Usage

```
survo(sucro = "<empty>", config = "<empty>")
```

Arguments

sucro	Path for start sucro.
config	Path for config file (SURVOR.APU).

`write.svo`*Write R Data Frame into Survo Binary File*

Description

Writes a data frame into Survo (or Muste) binary format.

Usage

```
write.svo(dataf, svofile)
```

Arguments

<code>dataf</code>	R data frame object
<code>svofile</code>	name for output file

Details

The R data frame is copied to the given Survo data set. Missing values and encodings are correctly handled.

Value

A Survo data file.

Author(s)

Reijo Sund

Index

* **file**

 muste_ExpandFileName, [2](#)

 read.svo, [2](#)

 write.svo, [4](#)

muste (survo), [3](#)

muste-package (survo), [3](#)

muste_ExpandFileName, [2](#)

read.svo, [2](#)

survo, [3](#)

websurvo (survo), [3](#)

write.svo, [4](#)