Package 'RStata'

October 12, 2022

Title A Bit of Glue Between R and Stata

Version 1.1.1

Description A simple R -> Stata interface allowing the user to
execute Stata commands (both inline and from a .do file)
from R.

URL <http://github.com/lbraglia/RStata>

BugReports <http://github.com/lbraglia/RStata/issues>

Imports foreign, tools, utils

License GPL-3

LazyData true

RoxygenNote 5.0.1

NeedsCompilation no

Author Luca Braglia [aut, cre]

Maintainer Luca Braglia <lbraglia@gmail.com>

Repository CRAN

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R topics documented:

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chooseStataBin   *Set Stata binary path*

Description

Set Stata binary (among found alternatives) path. These settings are lost when R is closed, therefore you should consider adding a options("RStata.StataPath") line in your .Rprofile.

Usage

```
chooseStataBin()
```

RStata   *A Bit of Glue Between R and Stata*

Description

A simple R -> Stata interface allowing the user to execute Stata commands (both inline and from a .do file) from R.

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stata   *Send commands to a Stata process*

Description

Function that sends commands to a Stata process.

Usage

```
stata(src = stop("At least 'src' must be specified"), data.in = NULL,
  data.out = FALSE, stata.path = getOption("RStata.StataPath",
  stop("You need to set up a Stata path; ?chooseStataBin")),
  stata.version = getOption("RStata.StataVersion",
  stop("You need to specify your Stata version")),
  stata.echo = getOption("RStata.StataEcho", TRUE), ...)
```

Arguments

src	character vector of length 1 (path to .do file) or more (a set of stata commands). See examples.
data.in	data.frame to be passed to Stata
data.out	logical value. If TRUE, the data at the end of the Stata command are returned to R.
stata.path	Stata command to be used
stata.version	Version of Stata used
stata.echo	logical value. If TRUE stata text output will be printed
...	parameter passed to write.dta

Examples

```
## Not run:
## Single command
stata("help regress") #<- this won't work in Windows dued to needed
                      #   batch mode

## Many commands
stata_src <- '

version 10
set more off
sysuse auto
reg mpg weight

'

stata(stata_src)

## External .do file
stata("foo.do")

## Data input to Stata
x <- data.frame(a = rnorm(3), b = letters[1:3])
stata( "sum a", data.in = x)

## Data output from Stata (eg obtain 'auto' dataset)
auto <- stata("sysuse auto", data.out = TRUE)
head(auto)

## Data input/output
(y <- stata("replace a = 2", data.in = x, data.out = TRUE))

## End(Not run)
```

Index