Package 'StudyDataTools'

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Type Package

Title X

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Description Data

Depends ggplot2

License GPL (>= 2)

LazyLoad yes

LazyData true

RoxygenNote 7.0.2

R topics documented:

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automaticdatafConnect   *get data about a file on the server.*

Description

get data about a file on the server.

Usage

```
automaticdatafConnect(
  tablename,
  folder = getwd(),
  schema = NULL,
  dicoT = NULL,
  splitvar = NULL,
  Connect = NULL,
  Connectf = NULL,
  alwaysexclude = NULL
)
```

Value

a list

---

ggplot_missing   *Create missing chart*

Description

Create missing chart

Usage

```
ggplot_missing(x, reordonne = FALSE)
```

Arguments

x	a dataframe
reordonne	a boolean

Value

a ggplot graph

Examples

```
library(reshape2)
library(ggplot2)
library(plyr)
library(magrittr)
X=cars
for(i in 1:40){
  X[sample(1:50,1,replace=TRUE),sample(1:2,1,replace=TRUE)]<-NA}
ggplot_missing(X,reordonne=TRUE)
ggplot_missing(X,reordonne=FALSE)createallautomaticRMD(schema="SDP")
```

---

ggplot_missing2 *Create missing chart*

Description

Create missing chart

Usage

```
ggplot_missing2(X, reordonne = TRUE, keep = NULL)
```

Arguments

X	a dataframe
reordonne	a boolean
keep	a boolean

Value

a ggplot graph

Examples

```
library(reshape2)
library(ggplot2)
library(plyr)
X=cars
reordonne=TRUE
keep="year"
X$year=sample(2012:2017,nrow(cars),replace=TRUE)
for(i in 1:40){
 X[sample(1:50,1,replace=TRUE),sample(1:2,1,replace=TRUE)]<-NA}
ggplot_missing2(X,keep="year")
```

---

missing.summary *Percentage of missing for each variable*

Description

Percentage of missing for each variable

Usage

```
missing.summary(X, info2 = NULL)
```

Arguments

    X   a data frame

    info2   a data frame with two variables named c("COLUMN_NAME","CONSTRAINT_TYPE")

Details

Percentage of missing for each variable of a data frame.

Value

a data frame

---

var.summary   *Summary for each variable in table.*

Description

Summary for each variable in table.

Usage

```
var.summary(X, datadic = NULL)
```

Arguments

    X   a data frame

    datadic   a data dictionnary

Value

a list

Examples

```
data(cars)
var.summary(cars)
```

---

var.summaryConnect   *Summary for each variable in table.*

Description

Summary for each variable in table.

Usage

```
var.summaryConnect(X, datadic = NULL)
```

Arguments

X   a data frame

datadic   a data dictionnary

Value

a list

Examples

```
data(cars)
var.summaryConnect(cars)
```

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