

Package: dyplot (via r-universe)

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Type Package

Title Simple wrapper to use dygraphs directly with data frame (no xts object needed)

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Author Sebastian Kranz

Maintainer Sebastian Kranz <sebastian.kranz@uni-ulm.de>

Description Simple wrapper to use dygraphs directly with data frame (no xts object needed)

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Depends dygraphs, dplyr, tidyr, xts

Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

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

RemoteUrl <https://github.com/skranz/dyplot>

RemoteRef main

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dyplot *Dynamic time series plots (wrapper to dygraphs)*

Description

The function is a wrapper to the dygraph function in the package dygraph. It shows time series plots with interactive java script. While dygraph needs an xts time series object, dyplot works with a data frame. Missing observations can be filled if period is provided.

Usage

```
dyplot(
  data,
  xcol = colnames(data)[1],
  ycol = setdiff(colnames(data), xcol),
  var_col = NULL,
  val_col = NULL,
  interval = NULL
)
```

Arguments

data	a data.frame
xcol	name of the column with the x-Axis variable. Ideally a datetime object
ycol	names of the columns that are shown on the yaxis (used for a wide data fram)
var_col	the column with the values for a data frame in long format
interval	if you have missing rows you can specify the interval of you data, e.g. "day" or "year" or "hour" to fill the gaps

to.xts *Transform a data from to an xts object*

Description

Transform a data from to an xts object

Usage

```
to.xts(
  dat,
  time.col,
  interval = NULL,
  time = dat[[time.col]],
  fill = !is.null(interval)
)
```

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