Package 'CJsBasics'

September 11, 2024

Title Common functions I use

Version 0.1

Description This includes common functions I use

Depends R (>= 3.1.0)

License MIT

LazyData true

Imports ggplot2

RoxygenNote 7.2.3

R topics documented:

BasicTheme	*Add a simple ggplot theme*

Description

Add a simple ggplot theme

Usage

```
BasicTheme
```

Format

An object of class theme (inherits from gg) of length 97.

Value

Simple ggplot theme

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bboxToPolygon   *Make a rectangular polygon from a st_*() object*

Description

Make a rectangular polygon from a st_*() object

Usage

```
bboxToPolygon(x)
```

Value

Polygon

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cv   *Calculate coefficient of variation of a vector of numbers*

Description

Calculate coefficient of variation of a vector of numbers

Usage

```
cv(x, ...)
```

Value

Coefficient of variation

EmptyTheme   *A ggplot theme that will make all background elements transparent*

Description

A ggplot theme that will make all background elements transparent

Usage

```
EmptyTheme
```

Format

An object of class theme (inherits from gg) of length 6.

Value

Simple ggplot theme

KellyCols   *Kelly colors of maximum contrast*

Description

Kelly colors of maximum contrast

Usage

```
KellyCols
```

Format

An object of class `character` of length 22.

Value

Vector containing names of Kelly colors

MapTheme   *A simple ggplot map theme*

Description

A simple ggplot map theme

Usage

```
MapTheme
```

Format

An object of class `theme` (inherits from gg) of length 97.

Value

Simple ggplot theme

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ndviCols   *Colors for NDVI plotting*

Description

Colors for NDVI plotting

Usage

```
ndviCols
```

Format

An object of class `character` of length 9.

Value

Vector containing names of Kelly colors

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se   *Calculate standard error of a vector of numbers*

Description

Calculate standard error of a vector of numbers

Usage

```
se(x, ...)
```

Value

Standard error

---

showCols   *Add a simple ggplot theme*

Description

Add a simple ggplot theme

Usage

```
showCols(cl = colors(), bg = "transparent", cex = 3, rot = 20)
```

Value

Plot of colors in vector

st_pattern	*Make a regular pattern MULTILINESTRING to "fill" an sf POLYGON or MULTIPOLYGON*

Description

Make a regular pattern MULTILINESTRING to "fill" an sf POLYGON or MULTIPOLYGON

Usage

```
st_pattern(x, size, pattern)
```

Value

Polygon