

Package ‘esmisc’

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Type Package

Title Misc Functions of Eduard Szöcs

Version 0.0.3

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Maintainer Eduard Szöcs <eduardsoecs@gmail.com>

Description Misc functions programmed by Eduard Szöcs.

Provides read_regnie() to read gridded precipitation data from German Weather Service (DWD, see <<http://www.dwd.de/>> for more information).

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URL <https://github.com/EDiLD/esmisc>

BugReports <https://github.com/EDiLD/esmisc/issues>

Encoding UTF-8

LazyLoad yes

LazyData yes

Depends R (>= 3.1.0)

Imports raster, ggplot2, readr

Suggests testthat

RoxygenNote 5.0.1

NeedsCompilation no

Author Eduard Szöcs [aut, cre]

Repository CRAN

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R topics documented:

read_regnie	2
theme_edi	2

Index	4
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`read_regnie`*Read DWD REGNIE gridded data into R*

Description

This functions reads DWD REGNIE data. A description of the data can be found here (pdf-format): https://www.dwd.de/DE/leistungen/regnie/download/regnie_beschreibung_pdf.pdf?__blob=publicationFile&v=2. Data is available here: ftp://ftp-cdc.dwd.de/pub/CDC/grids_germany/daily/regnie/.

Usage

```
read_regnie(file)
```

Arguments

```
file          path to gz archive
```

Value

A RasterLayer object.

Examples

```
# Read daily precipitation on 20.01.2005.  
r <- read_regnie(system.file("extdata", "ra050120.gz", package = "esmisc"))
```

`theme_edi`*Custom ggplot2 theme*

Description

Custom ggplot2 theme

Usage

```
theme_edi(base_size = 14, base_family = "Helvetica")
```

Arguments

```
base_size     basefont size  
base_family   base font family
```

Examples

```
library(ggplot2)
p <- ggplot(mtcars) +
  geom_point(aes(x = wt, y = mpg,
  colour=factor(gear))) + facet_wrap(~am)
p
p + theme_edi()
```

Index

`read_regnie`, 2

`theme_edi`, 2