Package 'basf'

April 15, 2020

Version 0.1.0

Title Plot Simple Features with 'base' Sensibilities

Description Resurrects the standard plot for shapes established by the
'base' and 'graphics' packages. This is suited to workflows that require
plotting using the established and traditional idioms of plotting spatially
coincident data where it belongs. This package depends on 'sf' and only replaces
the plot method.

License GPL-3

Encoding UTF-8

LazyData true

ByteCompile true

RoxygenNote 7.1.0

Depends sf

URL https://github.com/mdsumner/basf

BugReports https://github.com/mdsumner/basf/issues

Suggests spelling, testthat (>= 2.1.0), vdiffr

Language en-US

Imports tibble

NeedsCompilation no

Author Michael Sumner [aut, cre]

Maintainer Michael Sumner <mdsumner@gmail.com>

Repository CRAN

Date/Publication 2020-04-15 09:20:14 UTC

R topics documented:

---

plot.sf   *Plot simple features simply*

Description

Overrides 'sf::plot.sf' and wraps the call to 'plot(st_geometry(x))'. When working with spatial data it's often useful to create maps where we overlay spatially coincident data in a plot.

Usage

```
## S3 method for class 'sf'
plot(x, ...)
```

Arguments

x   sf object (the data.frame one)

...   arguments passed to [sf::plot_sfc]

Details

This is used so that plots aren't always facetted by all attributes, coloured by them, or leaving the plot unusable for subsequent additional drawing. The key feature is that we don't have to change our behaviour and good habits depending on the format in use.

Value

used for its side effects of creating a plot

Examples

```
x <- read_sf(system.file("shape/nc.shp", package="sf"))
## all we've changed is the plot command
plot(x)
## we can overplot without format-specific acrobatics
plot(x[sample(1:nrow(x), 10), ], col = rainbow(10), add = TRUE)
abline(v = 34); axis(2)
```

Index