Package: ggdatasaver (via r-universe)

August 27, 2024

Title Automatically save data associated with a 'ggplot2' plot

Version 0.0.0.9000

Description Automatically create a file with the data used to create a
'ggplot2' plot. Each layer's data is saved in its own csv file
inside a compressed file. These files can then be published as
supplemental material so that other people can re-do your plots
without the need of digitising them. Because the only data that
is saved is the one that is shown in the plot, there are fewer
privacy concerns.

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Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.0

Imports ggplot2, knitr

Repository https://eliocamp.r-universe.dev

RemoteUrl https://github.com/eliocamp/ggdatasaver

RemoteRef HEAD

RemoteSha 3c1431827722ce9dffaf249466523d1f299996c8

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| save_plot_data | *Saves data associated with a ggplot plot* |

Description

Takes a ggplot and saves a zip file with a single csv file for each layer of the plot with the data used by said layer

Usage

```
save_plot_data(plot, name = "plot", dir = ".")
```

Arguments

plot   A ggplot2 plot.

name   The name used as file name.

dir   Directory where to put the file. If NUL

In general, you don't need to call this function explicitly, since it will be used automatically by knitr if the plot data directory is set (see `save_plot_data_in()`).

Paraphrasing Voltaire, if `dir` doesn't exist, it will be created. If the file already exists, it will be overwritten without a warning. This is because this function is supposed to run with knitr every time a document is knit and will update the data to the latest version.

| save_plot_data_in | *Set the data directory* |

Description

Set the directory where data assocaited with plots will be saved.

Usage

```
save_plot_data_in(dir = NULL)
```

Arguments

dir   A directory where to save plot data. If NULL, plot data will not be saved.

This functions sets the `plot_data_dir` chunk option in knitr. You can get the same behaviour with `knitr::opts_chunk$set(plot_data_dir = dir)`. However, if you use that code, you'll need to call `library(ggdatasaver)` explicitly for the package to work.

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