

Package: **bbplot** (via **r-universe**)

January 1, 2025

Title MAKING GGLOT GRAPHICS IN BBC NEWS STYLE

Version 0.2

Description Helps create and export ggplot2 charts in the style used by the BBC News data team thanks to two useful functions, one for styling and another for exporting ggplot graphics

Depends R (>= 3.3.0)

Imports ggplot2, png, grid, ggpubr, dplyr, data.table

License GPL-2

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

Config/pak/sysreqs cmake make libicu-dev libpng-dev

Repository <https://ar-puuk.r-universe.dev>

RemoteUrl <https://github.com/bbc/bbplot>

RemoteRef HEAD

RemoteSha 82af5952230c695bd317d7786587cffffea7f7621

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bbc_style	<i>Add bbc theme to ggplot chart</i>
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Description

This function allows you to add the bbc theme to your ggplotgraphics.

Usage

```
bbc_style()
```

Examples

```
line <- ggplot(line_df, aes(x = year, y = lifeExp)) +
  geom_line(colour = "#007f7f", size = 1) +
  geom_hline(yintercept = 0, size = 1, colour="#333333") +
  bbc_style()
```

finalise_plot	<i>Arrange alignment and save BBC ggplot chart</i>
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Description

Running this function will save your plot with the correct guidelines for publication for a BBC News graphic. It will left align your title, subtitle and source, add the BBC blocks at the bottom right and save it to your specified location.

Usage

```
finalise_plot(plot_name, source_name, save_filepath, width_pixels = 640,
  height_pixels = 450, logo_image_path = file.path(system.file("data",
  package = "bbcggplotr"), "bbc_blocks_r.png"))
```

Arguments

plot_name	The variable name of the plot you have created that you want to format and save
source_name	The text you want to come after the text 'Source:' in the bottom left hand side of your side
save_filepath	Exact filepath that you want the plot to be saved to
width_pixels	Width in pixels that you want to save your chart to - defaults to 640
height_pixels	Height in pixels that you want to save your chart to - defaults to 450
logo_image_path	File path for the logo image you want to use in the right hand side of your chart, which needs to be a PNG file - defaults to BBC blocks image that sits within the data folder of your package

Examples

```
finalise_plot(plot_name = myplot,  
source = "The source for my data",  
save_filepath = "filename_that_my_plot_should_be_saved_to.nc.png",  
width_pixels = 640,  
height_pixels = 450,  
logo_image_path = "logo_image_filepath.png"  
)
```

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