

Package ‘smpic’

July 23, 2025

Type Package

Title Creates Images Sized for Social Media

Version 0.1.0

Author Mikkel Freltoft Krogsholm

Maintainer Mikkel Freltoft Krogsholm <mikkel@56n.dk>

Description Creates images that are the proper size for social media. Beautiful plots, charts and graphs wither and die if they are not shared. Social media is perfect for this but every platform has its own image dimensions. With 'smpic' you can easily save your plots with the exact dimensions needed for the different platforms.

License MIT + file LICENSE

Encoding UTF-8

LazyData true

Depends R (>= 2.10)

Imports imager, ggplot2, stringr, graphics

URL <https://github.com/mikkelkrogsholm/smpic>,
<https://makeawebsitehub.com/social-media-image-sizes-cheat-sheet/>

BugReports <https://github.com/mikkelkrogsholm/smpic/issues>

RoxygenNote 6.0.1

Suggests knitr, rmarkdown, testthat, dplyr

VignetteBuilder knitr

NeedsCompilation no

Repository CRAN

Date/Publication 2017-10-04 08:42:13 UTC

Contents

smpic_dim	2
smpic_save	2
smpic_view	3

Index**5**

smpic_dim

*Overview of Image Dimensions for Social Media***Description**

This data set contains dimensions for 32 different images sizes for most social media sites

Usage

```
smpic_dim
```

Format

A data frame with 32 rows and 6 variables:

media the social media in question

picture the type of image in question

width the width of image in question

height the height of image in question

dimension the dimension of image in question - height / width

id the id of image in question

Source

<https://makeawebsitehub.com/social-media-image-sizes-cheat-sheet/>

smpic_save

*Save a social media sized ggplot***Description**

Save a social media sized ggplot

Usage

```
smpic_save(p, filename = NULL, sm = c("facebook_shared_images",
  "facebook_profile_image", "facebook_cover_photo", "facebook_shared_link",
  "facebook_highlighted_image", "facebook_event_image",
  "linkedin_profile_image", "linkedin_standard_logo", "linkedin_hero_image",
  "linkedin_business_banner_image", "linkedin_square_logo",
  "youtube_channel_cover_photo", "youtube_video_uploads",
  "instagram_profile_image", "instagram_photo_thumbnails",
  "instagram_photo_size", "twitter_header_photo", "twitter_profile_image",
```

```
"twitter_in-stream_photo", "pinterest_profile_image",
"pinterest_board_display", "pinterest_board_display_thumbnails",
"pinterest_pin_sizes", "tumblr_profile_image", "tumblr_image_posts",
"g+_profile_image", "g+_cover_image", "g+_shared_image", "g+_shared_video",
"g+_shared_image_square", "ello_banner_image", "ello_profile_image"),
text_factor = 1, custom_dims = NULL)
```

Arguments

p	the ggplot you want to preview.
filename	filename for your plot.
sm	the social media picture type you want it sized to.
text_factor	a factor for the text in the plot. Change it if the text looks to small.
custom_dims	a vector of width and height for your own custom size.

Examples

```
library(dplyr)
library(ggplot2)
library(smpic)

p <- ggplot(iris) +
  geom_point(aes(Petal.Length, Petal.Width, color = Species), show.legend = FALSE) +
  geom_label(data = summarise_if(group_by(iris, Species), is.numeric, mean),
    aes(Petal.Length, Petal.Width, label = Species, color = Species),
    show.legend = FALSE) +
  labs(x = "Petal Length", y = "Petal Width",
    title = "Look mom, a flower plot!",
    subtitle = "Yet another iris data set visualization.",
    caption = "Source: iris") +
  theme_minimal()

smpic_view(p, sm = "facebook_shared_images", text_factor = 2.2)

smpic_save(p, filename = "my_new_social_media_plot.png",
  sm = "facebook_shared_images", text_factor = 2.2)
```

smpic_view

Preview a social media sized ggplot

Description

Preview a social media sized ggplot

Usage

```
smpic_view(p, sm = c("facebook_shared_images", "facebook_profile_image",
  "facebook_cover_photo", "facebook_shared_link", "facebook_highlighted_image",
  "facebook_event_image", "linkedin_profile_image", "linkedin_standard_logo",
  "linkedin_hero_image", "linkedin_business_banner_image",
  "linkedin_square_logo", "youtube_channel_cover_photo",
  "youtube_video_uploads", "instagram_profile_image",
  "instagram_photo_thumbnails", "instagram_photo_size", "twitter_header_photo",
  "twitter_profile_image", "twitter_in-stream_photo",
  "pinterest_profile_image", "pinterest_board_display",
  "pinterest_board_display_thumbnails", "pinterest_pin_sizes",
  "tumblr_profile_image", "tumblr_image_posts", "g+_profile_image",
  "g+_cover_image", "g+_shared_image", "g+_shared_video",
  "g+_shared_image_square", "ello_banner_image", "ello_profile_image"),
text_factor = 1, custom_dims = NULL)
```

Arguments

<code>p</code>	the ggplot you want to preview.
<code>sm</code>	the social media picture type you want it sized to.
<code>text_factor</code>	a factor for the text in the plot. Change it if the text looks to small.
<code>custom_dims</code>	a vector of width and height for your own custom size.

Value

a plot

Examples

```
library(dplyr)
library(ggplot2)
library(smpic)

p <- ggplot(iris) +
  geom_point(aes(Petal.Length, Petal.Width, color = Species), show.legend = FALSE) +
  geom_label(data = summarise_if(group_by(iris, Species), is.numeric, mean),
    aes(Petal.Length, Petal.Width, label = Species, color = Species),
    show.legend = FALSE) +
  labs(x = "Petal Length", y = "Petal Width",
    title = "Look mom, a flower plot!",
    subtitle = "Yet another iris data set visualization.",
    caption = "Source: iris") +
  theme_minimal()

smpic_view(p, sm = "facebook_shared_images", text_factor = 2.2)
```

Index

* **datasets**

 smpic_dim, [2](#)

smpic_dim, [2](#)

smpic_save, [2](#)

smpic_view, [3](#)