Package 'smpic'

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Type Package

Title Creates Images Sized for Social Media

Version 0.1.0

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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.

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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

R topics documented:

`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)
```

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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

p	the ggplot you want to preview.
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.

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)
```

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