Package ‘spongecake’

July 15, 2017

Type  Package
Title  Transform a Movie into a Synthetic Picture
Version  0.1.2
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Description  Transform a Movie into a Synthetic Picture. A frame every 10 seconds is summarized into one colour, then every generated colors are stacked together.
License  GPL-3
Depends  R (>= 3.0)
Encoding  UTF-8
LazyData  true
Imports  magrittr, ggplot2, jpeg, plyr
RoxygenNote  6.0.1
SystemRequirements  FFmpeg (http://ffmpeg.org)
URL  https://github.com/ThinkRstat/spongecake
NeedsCompilation  no
Repository  CRAN
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average_color  average_color

Description
return the average color from an image

Usage
average_color(img)

Arguments
img the image (a array)

draw  draw

draw

Description
transform a folder of screenshot into a synthetic picture

Usage
draw(folder)

Arguments
folder the path of the folder

Examples
## Not run:
#options(ffmpeg = "C:/ffmpeg-3.1.4-win64-static/bin/ffmpeg.exe") # windows user
library(magrittr)
gen_screenshot(movie = "D:/mymovie.avi") %>%
draw()

## End(Not run)
folder_average_color

Description
return the average color from all folder’s images

Usage
folder_average_color(folder)

Arguments
folder the path of the folder

gen_screenshot

description
transform a movie into lot of screenshots

Usage
gen_screenshot(movie, folder = tempfile(), every = 10)

Arguments
movie the path of the movie
folder the path of the folder
every time between each screenshot in seconds

Examples
## Not run:
gen_screenshot(movie = "D:\mymovie.avi") %>%
browseURL()

## End(Not run)
Description

this package transform a movie into a simple image...

Examples

```r
## Not run:
#options(ffmpeg = "C:/ffmpeg-3.1.4-win64-static/bin/ffmpeg.exe") # windows user
library(magrittr)
  gen_screenshot(movie = "D:/mymovie.avi") #>
  draw()#>
  print()

## End(Not run)
```
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