Package ‘spongebob’

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Type     Package
Title    SpongeBob-Case Converter : spOngEboB-CASe CoNVertER
Version  0.4.0
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Description Convert text (and text in R objects) to Mocking SpongeBob case
<https://knowyourmeme.com/memes/mocking-spongebob> and show them off in fun ways.
Convert TexT (AnD TeXt In r ObJeCtS) To MOCKINg SpoNgebOb CASe
<https://knowyourmeme.com/memes/mocking-spongebob> aND shOw tHem Off IN Fun WayS.
Suggests testthat, fortunes, ggplot2
License   BSD_3_clause + file LICENSE
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**Description**

ASCII Mocking Spongebob used by `spongebobsay`.

ASCII mOckiNg SPOngEboB uSED bY `spongebobsay`.

**Usage**

`ascii_spongebob(print = TRUE)`

**Arguments**

print  

A length-1 logical flag for whether to print output to console.

**Value**

A character string containing the ASCII art. Use `cat` to print with proper formatting.

A CHaRACtER stRINg cONtaINiNG ThE ASciI ARt. uSe `cat` TO prInT WiTH prOper FORmat-TiNg.

**See Also**

`spongebobsay`

**Examples**

```r
ascii_spongebob()

art <- ascii_spongebob(print = FALSE)
cat(art)
```

---

**Description**

A set of functions that generate SpongeBob ASCII art with speech bubbles in the style of `cowsay`.

A seT OF fuNctiOns tHat GEnerAte sPONgeBOB aRT wiTH SpeEcH bubBLEs In THE sTyLiE OF `cOWsaY`.

---
Usage

spongebobsay(what, print = TRUE, width = NULL)
spongebobthink(what, print = TRUE, width = NULL)
spongebobwhisper(what, print = TRUE, width = NULL)

Arguments

what an object accepted by tosppongebob
print a length-1 logical, indicating whether to print output to console.
width a length-1 positive integer or numeric whole number specifying width to wrap text

Details

These functions will convert the input to Mocking SpongeBob case using tosppongebob. If the converted output is not already a character vector, it will be converted to such using print.

The ASCII SpongeBob graphic is available standalone using ascii_spongebob.

Value

a character string containing the ASCII art. Use cat to print with proper formatting.

See Also

tosppongebob, ascii_spongebob

Examples

spongebobsay("globalVariables is a hideous hack and I will never use it.")
spongebobthink("@hadley you shouldn't say you'll never use things when only two years later you think it's fine -- hadley")
spongebobwhisper("it's still a hideous hack, but you just have to suck it up if you want your package on CRAN")
**Description**

tospongebob is an S3 generic function for converting text in R objects to Mocking SpongeBob case. The core method for character vectors will return the input character vector with case-converted elements. For other objects, it will attempt to appropriately find text and convert them.

tospongebob IS an S3 gENErIC FunCtIoN fOR cOnveRtIng Text IN r obJEcts To MocKinG SpOnGEbob CasE. tHe cOrE MEtHOd For CharActEr VECtorS wIll RetURN tHe INPuT chAR-aCter VEcTORs WITh cASE-cONVeRTed ELeMenTS. foR oThER objECTs, iT wIll aTtemPT tO APprOPrIAtELy fInd tEXt aNd cONvERT tHEm.

**Usage**

tospongebob(x, ...)  

**Arguments**

- **x**  
  object with text to be converted to Mocking SpongeBob case.

- **...**  
  oNlY hErE tO sATisFy R CMd CHeCk.

**Details**

This section describes the (non-exported) S3 methods in more detail. The core tosppongebob.character method takes an input character vector and returns the same vector with its elements converted to Mocking SpongeBob case. Names of the vector are also converted unless parameter convert.names = FALSE. This method is then leveraged by all other methods.

The default tosppongebob.default method will iterate through any elements of list-like objects and attempt to convert those. It will also convert the names of the object unless parameter convert.names = FALSE. NULL values are passed through as NULL.

Additional S3 methods for the following classes have been implemented:

- tosppongebob.array: convert data and dimnames of an array
- tosppongebob.data.frame: convert row names, column names, and convertible columns of a data.frame
- tosppongebob.environment: create a copy of an environment with its objects converted
- tosppongebob.factor: convert levels of factor vectors
- tosppongebob.fortune: convert the content of a fortunes::fortune object
- tosppongebob.function: deparse function into a character vector, convert, and then combine into one string block
- tosppongebob.ggplot: convert text labels in ggplot2::ggplot object
- matrix: convert data and dimnames of a matrix
- tosppongebob.table: convert data and dimnames of a table
SpongeBob-Case Conversion for Character Vectors

Description

Convert character vectors to Mocking SpongeBob case. This is an S3 method for character vectors. Generally, you will not be using this method directly; instead, use the S3 generic `tospongebob`. If you really need to use this method, you will need to do `spongebob:::tospongebob.character` because it is an internal method.

Usage

```r
## S3 method for class 'character'
tospongebob(x, ..., convert.names = TRUE)
```

Arguments

- `x` character vector with text to be converted to Mocking SpongeBob case.
- `...` only here to satisfy R Cmd Check.
- `convert.names` logical, indicating whether or not to convert the names of the object
the input vector with its text converted to Mocking SpongeBob case. The input Vector With its Text Converted To Mocking SPoNgOB cASe.

See Also
tospongebob

Examples

```r
spongebob::tospongebob.character("SpongeBob-Case Conversion")
spongebob::tospongebob.character(c(
  "S3 generic function",
  "Mocking SpongeBob case"
))
```

tospongebob.data.frame

*SpongeBob-Case Conversion for Data Frames*

Description

Convert data.frame objects to Mocking SpongeBob case. This is the S3 method for data.frame objects. Generally, you will not be using this method directly; instead, use the S3 generic tospongebob. If you really need to use this method, you will need to do spongebob::tospongebob.data.frame because it is an internal method.

This method will convert character and factor columns to Mocking SpongeBob case. It will also optionally convert column and row names, enabled by default.

Usage

```r
## S3 method for class 'data.frame'
tospongebob(x, ..., convert.rownames = TRUE,
  convert.colnames = TRUE)
```

Arguments

- `x` data.frame with text to be converted to Mocking SpongeBob case.
- `...` only here to SATisFY R CMd CHeCK.
- `convert.rownames` logical, indicating whether or not to convert the row names of the data.frame
- `convert.colnames` logical, indicating whether or not to convert the column names of the data.frame

Value

data.frame with its text converted to Mocking SpongeBob case.
See Also
tospongebob

Examples
df1 <- head(datasets::CO2)
tospongebob(df1)

df2 <- head(datasets::mtcars)
tospongebob(df2)

df1 <- head(datasets::CO2)
tospongebob(df1)

df2 <- head(datasets::mtcars)
tospongebob(df2)

SpongeBob-Case Conversion for List-like Objects

Description
Convert list-like objects to Mocking SpongeBob case. This is the default S3 method the S3 generic
tospongebob. Generally, you will not need to use this method directly; instead, use tosp\-
genbob. If you really need to use this method, you will need to do spongebob::tospongebob.default
because it is an internal method.

Usage
## Default S3 method:
tospongebob(x, ..., convert.names = TRUE)

Arguments
x          object with text to be converted to Mocking SpongeBob case.
...        only here to satisfy R CMD CHECK.
convert.names  logical, indicating whether or not to convert the names of the object

Value
object with its text converted to Mocking SpongeBob case. ObjECt WiTH iTs tExT ConVErTed TO mOCkInG SpOnGeBob CasE.

See Also
tospongebob
Examples

```r
nicktoons <- list(
    spongebob = list(
        episodes = c("Help Wanted", "Reef Blower", "Tea at the Treedome"),
        characters = c("SpongeBob", "Patrick", "Squidward", "Sandy")
    ),
    hey_arnold = list(
        episodes = c("Downtown as Fruits", "Eugene's Bike"),
        characters = c("Arnold", "Gerald", "Helga")
    )
)

spongebob::tospongebob.default(nicktoons)
```
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