

# Package ‘spongebob’

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**Type** Package

**Title** SpongeBob-Case Converter : spOngEboB-CASe CoNVertER

**Version** 0.4.0

**Maintainer** Jay Qi <jayqi.opensource@gmail.com>

**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

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**URL** <https://github.com/jayqi/spongebob>

**BugReports** <https://github.com/jayqi/spongebob/issues>

**RoxygenNote** 6.1.1

**NeedsCompilation** no

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**Repository** CRAN

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ascii\_spongebob

*ASCII Spongebob : AsCli sPongEbob*

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**Description**

ASCII Mocking Spongebob used by [spongebobsay](#).

aSCli 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**

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

---

spongebobsay*SpongeBob ASCII Messages : sPongEBoB aScii MesSAgEs*

---

**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 AScli aRT wiTh SpeEch buBBLeS In ThE sTyle 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 <a href="#">tospongebob</a>
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 [tospongebob](#). 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.

A CHaRACtER stRING cONtaINiNG ThE ASciI ART. uSe [cat](#) TO prInT WiTh prOper FORMat-TiNG.

**See Also**

[tospongebob](#), [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"
)
```

---

 to spongebob

*SpongeBob-Case Conversion : sPongEBOB-CasE cOnVersIoN*


---

## 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 VECtor 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 `tospongebob.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 `tospongebob.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:

`tospongebob.array` : convert data and dimnames of an array

`tospongebob.data.frame` : convert row names, column names, and convertible columns of a `data.frame`

`tospongebob.environment` : create a copy of an environment with its objects converted

`tospongebob.factor` : convert levels of factor vectors

`tospongebob.fortune` : convert the content of a `fortunes::fortune` object

`tospongebob.function` : deparse function into a character vector, convert, and then combine into one string block

`tospongebob.ggplot` : convert text labels in `ggplot2::ggplot` object

`matrix` : convert data and dimnames of a matrix

`tospongebob.table` : convert data and dimnames of a table

**Value**

object with its text converted to Mocking SpongeBob case. ObjECt WiTh iTS tEXt CONvErTeD TO mOckinG SponGEBob CasE.

**Examples**

```
tospongebob("SpongeBob-Case Conversion")
tospongebob(c("S3 generic function", "Mocking SpongeBob case"))

tospongebob(packageDescription("base"))

df <- head(datasets::C02)
tospongebob(df)

tospongebob(summary(df))

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

---

tospongebob.character *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**

```
## 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

**Value**

the input vector with its text converted to Mocking SpongeBob case. tHe inPuT VecTor WItH its TeXt ConvErTed To MOckInG SPoNGeBOB cAsE.

**See Also**

[tospongebob](#)

**Examples**

```
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**

```
## 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::C02)
tospongebob(df1)

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

---

`tospongebob.default` *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 [tospongebob](#). 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**

```
nicktoons <- list(  
  spongebob = list(  
    episodes = c("Help Wanted", "Reef Blower", "Tea at the Treadome"),  
    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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