

# Package ‘BlockMessage’

February 19, 2015

**Type** Package

**Title** Creates strings that show a text message in 8 by 8 block letters

**Version** 1.0

**Date** 2013-03-12

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**Maintainer** Elliot Noma <noma@garrettassetmanagement.com>

**Description** Creates strings that show a text message in 8 by 8 block letters

**License** GPL-2

**NeedsCompilation** no

**Repository** CRAN

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BlockMessage-package *Messages in 8 by 8 block letters*

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## Description

Creates strings that show a text message in 8 by 8 block letters

**Details**

Package: BlockMessage  
 Type: Package  
 Version: 1.0  
 Date: 2013-03-12  
 License: GPL-2

blockMessage is called with a text message which is converted into a strings of block letters

**Author(s)**

Elliot Noma, Aliona Manvae

Maintainer: Elliot Noma <noma@garrettassetmanagement.com>

**References**

<http://roznerd.blogspot.com/> describes the coding scheme for the letters

**Examples**

```
cat(paste(blockMessage("Finishing 15:01:45"), collapse="\n"), "\n")
cat("\n", paste(paste(rep(" ", 20), collapse=""),
  blockMessage("Finishing 15:01:45", portrait=FALSE, repeats=3, rotate=180, width=6),
  collapse="\n"), "\n")
cat(paste(c(blockMessage("Finishing"), "\n", blockMessage("15:01:45")), collapse="\n"), "\n")
```

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blockMessage

*Messages in 8 by 8 block letters*

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**Description**

Creates strings that show a text message in 8 by 8 block letters

**Usage**

```
blockMessage(message, symbols = c("X", " "), font = NULL, font_names = NULL,
  width = 7, asData = 0, portrait=TRUE, rotate=0, repeats=1)
```

**Arguments**

message	string containing the text message
symbols	The symbols that make up the dark and light spaces in the block letters
font	a matrix describing each letter. The shape of each letter is defined by the eight entries in each row. Each entry corresponds to a column. Each two byte entry describes the dark and light spaces within the column. The first byte describes the top 4 positions and the second byte describes the bottom 4 positions.

<code>font_names</code>	A vector containing the name for each row in the font matrix.
<code>width</code>	The number of columns (maximum=8) to use in each letter
<code>asData</code>	Indicates whether to return a matrix of dark and light symbols ( <code>asData=FALSE</code> ) or to return a strings of characters that can be printed in either portrait or landscape format ( <code>asData=TRUE</code> )
<code>portrait</code>	Indicates whether the strings should be in portrait ( <code>TRUE</code> ) or landscape ( <code>FALSE</code> ) mode
<code>rotate</code>	0 is the default orientation, 180 rotates the message 180 degrees
<code>repeats</code>	The number of times each row and column of symbols is repeated within each letter

**Details**

For more information on the creation of the fonts see <http://roznerd.blogspot.com/>

**Author(s)**

Elliot Noma, Aliona Manvae

**References**

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**Examples**

```
cat(paste(blockMessage("Finishing 15:01:45"), collapse="\n"), "\n")
cat("\n", paste(paste(rep(" ", 20), collapse=""),
  blockMessage("Finishing 15:01:45", portrait=FALSE, repeats=3, rotate=180, width=6),
  collapse="\n"), "\n")
cat(paste(c(blockMessage("Finishing"), "\n", blockMessage("15:01:45")), collapse="\n"), "\n")
```

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