Package ‘BlockMessage’

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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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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

Description

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

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 string of block letters.

Author(s)

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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")

blockMessage Messages in 8 by 8 block letters

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.
blockMessage

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

Examples

```r
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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