Package 'secrettext'

July 23, 2025

Type Package

Title Encrypt Text Using a Shifting Substitution Cipher

Version 0.1.0

Author Danielle Quinn

Maintainer Danielle Quinn <danielle.quinn@mun.ca>

Description Encrypt text using a simple shifting substitution cipher with setcode(), providing two numeric keys used to define the encryption algorithm. The resulting text can be decoded using decode() function and the two numeric keys specified during encryption.

License MIT + file LICENSE

Encoding UTF-8

LazyData true

RoxygenNote 7.0.2

Imports stringr, tidyr, dplyr, magrittr, testthat, rlang

NeedsCompilation no

Repository CRAN

Date/Publication 2020-02-21 14:10:02 UTC

Contents

decode *Decrypt a Message*

Description

Decrypt a character string generated with setcode() given two numeric keys.

Usage

```
decode(text, key1, key2)
```

Arguments

text	A string
key1	A numeric value between 1 and 25
key2	A numeric value between 1 and 25

Value

A string, converted to lowercase and decrypted

Examples

```
# string argument as output of setcode()
decode(setcode("hello world", 5, 16), 5, 16)
# string argument as user defined character string
decode("cjakx preik", 5, 16)
```

setcode *Encrypt a message*

Description

Encrypt a character string given two numeric keys.

Usage

```
setcode(text, key1, key2)
```

Arguments

text	A string
key1	A numeric value between 1 and 25
key2	A numeric value between 1 and 25

Value

A string, converted to lowercase and encrypted

Examples

```
setcode("hello world", 5, 16)
```

Index