

Package ‘secrettext’

February 21, 2020

Type Package

Title Encrypt Text Using a Shifting Substitution Cipher

Version 0.1.0

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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.

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Encoding UTF-8

LazyData true

RoxygenNote 7.0.2

Imports stringr, tidy, dplyr, magrittr, testthat, rlang

NeedsCompilation no

Repository CRAN

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

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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

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Value

A string, converted to lowercase and encrypted

Examples

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

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