

# Package ‘caesar’

January 18, 2017

**Type** Package

**Title** Encrypts and Decrypts Strings

**Version** 0.1.0

**Description** Encrypts and decrypts strings using either the Caesar cipher or a pseudorandom number generation (using `set.seed()`) method.

**Depends**

**Imports** binhf

**License** GPL

**Encoding** UTF-8

**LazyData** true

**URL** <https://github.com/jacobkap/caesar>

**BugReports** <https://github.com/jacobkap/caesar/issues>

**RoxygenNote** 5.0.1.9000

**NeedsCompilation** no

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**Repository** CRAN

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 caesar

*Encrypt and Decrypt text using the Caesar cipher*


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**Description**

Encrypt and Decrypt text using the Caesar cipher

**Usage**

```
caesar(text, direction = "left", distance = 3, reverse = FALSE)
```

**Arguments**

text	String to be ciphered or deciphered
direction	Move the original characters the right or to the left
distance	How far to move the characters in the direction you choose.
reverse	If TRUE, decipheres the coded text

**Value**

String of the ciphered/deciphered text

**Examples**

```
# Please see this for more info.
# https://en.wikipedia.org/wiki/Caesar_cipher

caesar("cats are friends!")
caesar("fdwv@duh@iulhqgv&", reverse = TRUE)

caesar("cats are friends!", direction = "right", distance = 40)
caesar("ki10:izm:nzqmv10;", direction = "right", distance = 40, reverse = TRUE)

caesar("cats are #1 friend!", direction = "left", distance = -12)
caesar(", hgy f&ypy%f:&b@z", direction = "left", distance = -12, reverse = TRUE)
```

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 seed\_cipher

*Encrypt and Decrypt text using psedorandom number generation*


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**Description**

Encrypt and Decrypt text using psedorandom number generation

**Usage**

```
seed_cipher(text, seed = 64, reverse = FALSE)
```

**Arguments**

<code>text</code>	String to be ciphered or deciphered
<code>seed</code>	A number to set the seed which will pseudorandomly rearrange the original characters
<code>reverse</code>	If TRUE, decipheres coded text

**Value**

String of the ciphered/deciphered text

**Examples**

```
seed_cipher("cats are friends!")  
seed_cipher("bc204c5d495ud?:08", reverse = TRUE)
```

```
seed_cipher("cats are friends!", seed = 2354)  
seed_cipher("li%1sid3szdp3 j1g", seed = 2354, reverse = TRUE)
```

```
seed_cipher("cats are #1 friend!", seed = -100)  
seed_cipher("hd2imdjpmfm-jcpe&q", seed = -100, reverse = TRUE)
```

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