# Package: msoc (via r-universe)

November 14, 2024

**Type** Package

**Title** Encrypt and Decrypt of office open xml files

**Version** 0.2.1

**Language** en-US

**Description** Provide encryption and decryption functions for the Office
Open XML file format.

**License** BSD_3_clause + file LICENSE

**URL** <https://janmarvin.github.io/msoc/>,
<https://github.com/JanMarvin/msoc>

**BugReports** <https://github.com/JanMarvin/msoc/issues>

**Depends** R (>= 3.5.0)

**Suggests** stringi, testthat

**Encoding** UTF-8

**RoxygenNote** 7.3.2

**Roxygen** list(markdown = TRUE)

**SystemRequirements** OpenSSL >= 1.0.2

**Config/pak/sysreqs** libssl-dev

**Repository** https://janmarvin.r-universe.dev

**RemoteUrl** https://github.com/JanMarvin/msoc

**RemoteRef** HEAD

**RemoteSha** 5c16e5d7f36937042ee823468877e4581cf9f5c3

## Contents

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msoc-package                    *msoc*

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### Description

Package to make the msoc library (https://github.com/herumi/msoffice) for encrypting/decrypting
of Office Open XML files available under R.

### Details

The password is expected to be plain text. If security is of importance, do not use this package. If
the password is lost, opening the file will be impossible.

### Author(s)

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Other contributors:

- Shigeo Mitsunari (Author of included msoc library) [copyright holder]

### See Also

Useful links:

- https://janmarvin.github.io/msoc/
- https://github.com/JanMarvin/msoc
- Report bugs at https://github.com/JanMarvin/msoc/issues

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msoc                    *Encryption/Decryption function*

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### Description

Encryption/Decryption function

### Usage

```
encrypt(input, output = NULL, pass, aes256 = FALSE)

decrypt(input, output = NULL, pass)
```

## Arguments

| | |
|---|---|
| `input` | input file |
| `output` | (optional) output file. If none is provided, construct a temporary output file with the file extension of the input file |
| `pass` | a password to decrypt/encrypt the input file. The password is expected to be plain text. If security is of importance, do not use this package. If the password is lost, opening the file will be impossible. |
| `aes256` | use AES256 for encryption, the default is AES128. |

## Value

a path to the output file. Either specified or temporary

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