

# Package: isbn (via r-universe)

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**Type** Package

**Title** Convert, Validate and Hyphenate for ISBN

**Version** 0.0.0.9000

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**Description** More about what it does (maybe more than one line) Use four spaces when indenting paragraphs within the Description.

**Imports** purrr (>= 0.3.4), rlang (>= 1.1.3), stringi (>= 1.8.4), stringr (>= 1.4.0)

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.3.1

**Suggests** testthat (>= 3.0.0)

**Config/testthat/edition** 3

**Repository** <https://uribo.r-universe.dev>

**RemoteUrl** <https://github.com/uribo/isbn>

**RemoteRef** HEAD

**RemoteSha** 2c3b06437077633fdc83b0dbc4ea9a9f9c9081

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isbn\_convert10to13      *Convert ISBN-10 and ISBN-13*

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**Description**

Convert ISBN-10 and ISBN-13

**Usage**

```
isbn_convert10to13(x, .prefix = "978")
```

```
isbn_convert13to10(x)
```

```
normalize(x)
```

**Arguments**

x                      ISBN number. It can be a string or a number.  
.prefix                ISBN prefix, such as "978" or "979".

**Examples**

```
isbn_convert13to10("978-4-06-516404-4")  
isbn_convert13to10(c("978-4-06-516404-4", "9784863542167"))  
  
isbn_convert10to13(x = c("412345674X", "4022518286"))  
  
normalize(c("978-4-06-516404-4", "4871884430"))
```

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is\_valid\_isbn            *Validate ISBN*

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**Description**

Validate ISBN

**Usage**

```
is_valid_isbn(x, prefix = NULL)
```

**Arguments**

x                      ISBN number. It can be a string or a number.  
prefix                ISBN prefix, such as "978" or "979". Default is NULL.

**Value**

TRUE if the ISBN is valid, FALSE otherwise.

**Examples**

```
is_valid_isbn("978-4-274-06800-3")
is_valid_isbn(1492097402, "978")
is_valid_isbn("412345674X")
is_valid_isbn("4274068003", "978")
# Failed examples
is_valid_isbn("978_427x4x06800x3")
```

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risbn

*Generate random ISBN numbers*

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**Description**

Generate random ISBN numbers

**Usage**

```
risbn(n = 1, group = "0", simplify = TRUE)
```

**Arguments**

n	Number of ISBN numbers to generate
group	ISBN group number, must be a string of 1 to 5 digits.
simplify	Logical, if TRUE, the result is simplified to a vector.

**Examples**

```
risbn(3, "0")
risbn(2, c("0", "4"), simplify = FALSE)
```

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