

# Package ‘rutifier’

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**Type** Package

**Title** Chilean Rol Unico Tributario

**Version** 1.0.4

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**Description** A RUT (Rol Unico Tributario) is an unique and personal identification number implemented in Chile to identify citizens and taxpayers. Rutifier allows to validate if a RUT exist or not and change between the different formats a RUT can have.

**License** MIT + file LICENSE

**Imports** R.utils

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 6.1.1

**NeedsCompilation** no

**Repository** CRAN

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clear_rut	<i>Clear RUT</i>
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**Description**

Removes any character that is not a number, K, k, dot or hyphen

**Usage**

```
clear_rut(rut)
```

**Arguments**

rut	Character string
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**Value**

Returns a character string without said characters

**Examples**

```
clear_rut('12m345.678-9=')
```

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rut_complete	<i>RUT format: Dots and Hyphen (Puntos y guion)</i>
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**Description**

Changes the format of a RUT to dots and hyphen

**Usage**

```
rut_complete(rut, uppercase = FALSE)
```

**Arguments**

rut	RUT to modify. It must be a character string
uppercase	Defines if the verification number 'k' should be in uppercase (TRUE) or lowercase (FALSE). By default the value is FALSE

**Value**

Returns a RUT in dots and hyphen format

**Examples**

```
rut_complete('123456789')
```

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rut_hyphen	<i>RUT format: Hyphen without dots (Sin puntos, con guion)</i>
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**Description**

Changes the format of a RUT to hyphen without dots

**Usage**

```
rut_hyphen(rut, uppercase = FALSE)
```

**Arguments**

rut	RUT to modify. It must be a character string
uppercase	Defines if the verification number 'k' should be in uppercase (TRUE) or lowercase (FALSE). By default the value is FALSE

**Value**

Returns a RUT in hyphen without dots format

**Examples**

```
rut_hyphen('123456789')
```

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rut_simple	<i>RUT format: Without dots and Hyphen (Sin puntos ni guion)</i>
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**Description**

Changes the format of a RUT to not contain dots or hyphen

**Usage**

```
rut_simple(rut, uppercase = FALSE)
```

**Arguments**

rut	RUT to modify. It must be a character string
uppercase	Defines if the verification number 'k' should be in uppercase (TRUE) or lowercase (FALSE). By default the value is FALSE

**Value**

Returns a RUT whitout dots and hyphen

**Examples**

```
rut_simple('123456789')
```

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validate\_rut

*Validate RUT*

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**Description**

Validates a Chilean RUT. The input must be a character string in one of the following formats: RUT with dots and hyphen (Ex. '12.345.678-9'), RUT without dots but with hyphen (Ex. '12345678-9') or RUT without dots and hyphen (Ex. '123456789')

**Usage**

```
validate_rut(rut)
```

**Arguments**

rut                      Character str

**Value**

Returns TRUE if RUT is valid, else it will return FALSE

**Examples**

```
validate_rut('123456789')  
validate_rut('12345678-9')  
validate_rut('12.345.678-9')
```

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