

Package ‘figir’

November 28, 2022

Type Package

Title Check Validity of FIGI, CUSIP, ISIN, SEDOL

Version 0.1.6.8

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Description With the functions in this package you can check the validity of the following financial instrument identifiers:
FIGI (Financial Instrument Global Identifier
<<https://www.openfigi.com/about/figi>>),
CUSIP (Committee on Uniform Security Identification Procedures
<<https://www.cusip.com/identifiers.html#/CUSIP>>),
ISIN (International Securities Identification Number
<<https://www.cusip.com/identifiers.html#/ISIN>>),
SEDOL (Stock Exchange Daily Official List
<<https://www2.lseg.com/SEDOL-masterfile-service-tech-guide-v8.6>>).
You can also calculate the FIGI checksum of 11-character strings, which can be useful if you want to create your own FIGI identifiers.

URL <https://github.com/philaris/figir>

BugReports <https://github.com/philaris/figir/issues>

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Encoding UTF-8

RoxygenNote 7.2.2

Suggests testthat

NeedsCompilation no

Repository CRAN

Date/Publication 2022-11-28 09:30:11 UTC

R topics documented:

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| cusip_check | <i>Check validity of CUSIP</i> |
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Description

Given a character vector, check the validity of CUSIP (Committee on Uniform Security Identification Procedures) for each of its elements.

Usage

```
cusip_check(s)
```

Arguments

`s` a character vector for whose elements validity of CUSIP is checked.

Value

A logical vector.

Examples

```
cusip_check("052800109")
cusip_check("87162M409")
cusip_check("500750104")
cusip_check(c("052800109", "87162M409"))
cusip_check(c("052800109", "87162M407"))
```

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| figir | <i>figir: Check validity of FIGI and other identifiers</i> |
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Description

With the functions 'figi_check', 'cusip_check', 'isin_check', 'sedol_check', in this package, you can check the validity of the following financial instrument identifiers: FIGI (Financial Instrument Global Identifier <<https://www.openfigi.com/about/figi>>), CUSIP (Committee on Uniform Security Identification Procedures <<https://www.cusip.com/identifiers.html#/CUSIP>>), ISIN (International Securities Identification Number <<https://www.cusip.com/identifiers.html#/ISIN>>), SEDOL (Stock Exchange Daily Official List <<https://www2.lseg.com/SEDOL-masterfile-service-tech-guide-v8.6>>). With the function 'figi_compute_checksum', you can also calculate the FIGI checksum of 11-character strings, which can be useful if you want to create your own FIGI identifiers.

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| figi_check | <i>Check validity of FIGI</i> |
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Description

Given a character vector, check the validity of FIGI (Financial Instrument Global Identifier) for each of its elements.

Usage

```
figi_check(s)
```

Arguments

s a character vector for whose elements validity of FIGI (Financial Instrument Global Identifier) is checked.

Value

A logical vector.

Examples

```
figi_check("BBG000BLNQ16")
figi_check("NRG92C84SB39")
figi_check(c("BBG000BLNQ16", "NRG92C84SB39"))
```

figi_compute_checksum *Compute the FIGI check digit*

Description

Given a character vector, compute for each string the FIGI (Financial Instrument Global Identifier) checksum digit.

Usage

```
figi_compute_checksum(v)
```

Arguments

v a character vector for whose elements the FIGI (Financial Instrument Global Identifier) checksum digit is computed.

Value

A character vector of single character strings.

Examples

```
figi_compute_checksum("BBG000BLNQ1")  
figi_compute_checksum("NRG92C84SB3")  
figi_compute_checksum(c("BBG000BLNQ1", "NRG92C84SB3"))
```

isin_check *Check validity of ISIN*

Description

Given a character vector, check the validity of ISIN (International Securities Identification Number) for each of its elements.

Usage

```
isin_check(s)
```

Arguments

s a character vector for whose elements validity of ISIN (International Securities Identification Number) is checked.

Value

A logical vector.

Examples

```
isin_check("BBG000BLNQ16")  
isin_check("NRG92C84SB39")  
isin_check(c("BBG000BLNQ16", "NRG92C84SB39"))
```

| | |
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| sedol_check | <i>Check validity of SEDOL</i> |
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Description

Given a character vector, check the validity of SEDOL (Stock Exchange Daily Official List) for each of its elements.

Usage

```
sedol_check(s)
```

Arguments

s a character vector for whose elements validity of SEDOL is checked.

Value

A logical vector.

Examples

```
sedol_check('B014635')  
sedol_check('0263494')  
sedol_check(c('B014635', '0263494'))  
sedol_check(c('B014635', '0263495'))
```

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