Package ‘ROpenFIGI’

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Type Package
Title R Interface to OpenFIGI
Version 0.2.8
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Description Provide a simple interface to Bloomberg's OpenFIGI API. Please see <https://openfigi.com> for API details and registration. You may be eligible to have an API key to accelerate your loading process.
License GPL (>= 3)
LazyData TRUE

URL https://github.com/HuangRicky/ROpenFIGI
Imports httr, jsonlite
Suggests testthat, dplyr
RoxygenNote 5.0.1
NeedsCompilation no
Repository CRAN
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R topics documented:

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OpenFIGI main function

Description
OpenFIGI main function

Usage
OpenFIGI(input, apikey = NULL, openfigiurl = "https://api.openfigi.com/v1/mapping", preferdf = F)

Arguments
- input: input data.frame or json, and others that can be feed into toJSON
- apikey: your API key
- openfigiurl: Bloomberg’s OpenFIGI URL, please see https://openfigi.com/api
- preferdf: if only supply 1 input, do you prefer to see the data.frame directly

Details
you may need to setInternet2() or set up proxy if needed

Value
a list of data.frame, of a data.frame if preferdf=T and only 1 request

Examples
## Not run:
setInternet2()
figirst = OpenFIGI(sampleOpenFIGIdf())
## End(Not run)

OpenFIGI_assignadditionalcols

Assign addition cols

Description
Assign addition cols

Usage
OpenFIGI_assignadditionalcols(rst1, additioncols)
OpenFIGI_MappingCreator

Arguments

- *rst1*: a result list
- *additioncols*: additional columns you would like to include in the data.frame

Details

internal function

Value

a data.frame with new columns

Description

Create mapping table out of OpenFIGI

Usage


Arguments

- *input*: input data.frame or json, and others that can be feed into toJSON
- *apikey*: your API key
- *openfigiurl*: Bloomberg’s OpenFIGI URL, please see https://openfigi.com/api
- *additioncols*: additional columns you would like to include in the data.frame

Details

assigning ISIN, CUSIP and other columns needed. Requires dplyr package to bind rows.

Value

a data.frame
Examples

## Not run:
setInternet2()
figirst = OpenFIGI_MappingCreator(sampleOpenFIGIdf())

## End(Not run)

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ROpenFIGI  

ROpenFIGI

Description

ROpenFIGI

Details

Provide a simple interface to OpenFIGI by Bloomberg. parse data into data.frame

Author(s)

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sampleOpenFIGIdf  

Generate a Sample data.frame for FIGI request

Description

Generate a Sample data.frame for FIGI request

Usage

sampleOpenFIGIdf()

Value

a data.frame of sample request
**showFIGIIDType**

| showFIGIIDType | Generate FIGI Supported Identifiers |

**Description**

Generate FIGI Supported Identifiers

**Usage**

showFIGIIDType()

**Value**

a char vector
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