

Package ‘hkex.api’

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Title API to Retrieve Data from Hong Kong Stock Exchange

Version 0.1

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Description A set of functions helps to retrieve data from HKEX (Hong Kong Stock Exchange), see <<https://www.hkex.com.hk/>> for more information. In addition, a function generates insert SQL statements from a dataframe.

Depends R (>= 3.0.0), XML, RCurl, httr

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 5.0.1.9000

NeedsCompilation no

Repository CRAN

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getHSIOptions	<i>An API to Download HSI Options Data</i>
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Description

getHSIOptions returns HSI options in dataframe.

Usage

```
getHSIOptions()
```

Details

The function is to retrieve HSI options data from the HKEX website.

References

<https://www.hkex.com.hk>

Examples

```
## Not run:  
  getHSIOptions()  
  
## End(Not run)
```

getLastShortSelling *An API to Download Short Selling Turnover on Main Board*

Description

getLastShortSelling returns a data frame.

Usage

```
getLastShortSelling()
```

Details

The function is to retrieve short selling turnover on main board

References

<https://www.hkex.com.hk>

Examples

```
## Not run:  
  getLastShortSelling()  
  
## End(Not run)
```

prepInsertSQL *A Function to Generate a List of SQL statements from Dataframe.*

Description

prepInsertSQL returns a list of insert SQL statements

Usage

```
prepInsertSQL(tableName = "", df = NULL, quote = NULL)
```

Arguments

tableName	a table name
df	dataframe that provides data
quote	(Optional) it is a vector indicates whether a data element should be quoted or not. 1 means quoted while 0 means not.

Details

The function is to generate insert SQL statements with data.frame data

Examples

```
## Not run:  
testData=data.frame(name=c("peter","john"), age=c(18,23))  
sqlStatement=prepInsertSQL(tableName="student", testData, quote=c(1,0))  
  
## End(Not run)
```

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