Package ‘RFinanceYJ’

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Type Package

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RFinanceYJ-package *Japanese finance market from Yahoo!-finance-Japan*

Description

Japanese finance market from Yahoo!-finance-Japan

Details

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Type:	Package
Version:	0.3.1
Date:	2013-08-12
License:	BSD 3-clause License
LazyLoad:	yes

Author(s)

Yohei Sato <yohei0511@gmail.com>

See Also

XML

Examples

```
## Not run:
stock <- quoteStockTsData('4689.t')
head(stock)
stock <- quoteStockTsData('4689.t', since='2013-01-01')
head(stock)
stock <- quoteStockTsData('4689.t', since='2013-01-01',time.interval='monthly')
head(stock)
plot(stock$date, stock$close, type="l", col="blue")

## End(Not run)
```

quoteFundTsData *quote Japanese investment trust fund from Yahoo!-finance-Japan*

Description

quote Japanese investment trust fund from Yahoo!-finance-Japan

Usage

```
quoteFundTsData(x, since = NULL, start.num = 0, date.end = NULL, time.interval = 'daily')
```

Arguments

`x`	<investmenttrust_code> ex: 11311023
`since`	'YYYY-MM-DD' ex:'2009-01-01'
`start.num`	offset. ex:50
`date.end`	'YYYY-MM-DD' ex:'2009-01-01'
`time.interval`	Data frequency.Possible types are 'daily','weekly', or 'monthly'.

Value

A Data frame. ($date, $constant.value, $NAV)

Author(s)

Yohei Sato <yokkuns@tkul.jp> Nobuaki Oshiro <akiaki5516@gmail.com> Shinichi Takayanagi <teramonagi@gmail.com>

Examples

```
## Not run:
fund <- quoteFundTsData("11311023")
head(fund)
fund <- quoteFundTsData("11311023",since="2009-01-01",date.end="2010-05-31",time.interval="monthly")
head(fund)

## End(Not run)
```

`quoteFXTsData` *quote foreign exchange rate from Yahoo!-finance-Japan*

Description

quote foreign exchange rate from Yahoo!-finance-Japan

Usage

```
quoteFXTsData(x, since = NULL, start.num = 0, date.end = NULL, time.interval = 'daily')
```

Arguments

`x`	<currencypair_code> ex: USDJPY=X
`since`	'YYYY-MM-DD' ex:'2009-01-01'
`start.num`	offset. ex:50
`date.end`	'YYYY-MM-DD' ex:'2009-01-01'
`time.interval`	Data frequency.Possible types are 'daily','weekly', or 'monthly'.

Value

A Data frame. ($date, $open, $height, $low, $close)

Author(s)

Yohei Sato <yokkuns@tkul.jp> Nobuaki Oshiro <akiaki5516@gmail.com> Shinichi Takayanagi <teramonagi@gmail.com>

Examples

```
## Not run:
fx <- quoteFXTsData("USDJPY=X")
head(fx)
fx <- quoteFXTsData("USDJPY=X",since="2009-01-01",date.end="2010-05-31",time.interval="monthly")
head(fx)

## End(Not run)
```

`quoteStockTsData` *quote Japanese stock market from Yahoo!-finance-Japan*

Description

quote Japanese stock market from Yahoo!-finance-Japan

Usage

```
quoteStockTsData(x, since = NULL, start.num = 0, date.end = NULL, time.interval = 'daily')
```

Arguments

`x`	<stock_code>.<market> ex: 4689.t
`since`	'YYYY-MM-DD' ex:'2009-01-01'
`start.num`	offset. ex:50
`date.end`	'YYYY-MM-DD' ex:'2009-01-01'
`time.interval`	Data frequency.Possible types are 'daily','weekly', or 'monthly'.

Value

A Data frame. ($date, $open, $height, $low, $close, $volume)

Author(s)

Yohei Sato <yokkuns@tkul.jp> Nobuaki Oshiro <akiaki5516@gmail.com> Shinichi Takayanagi <teramonagi@gmail.com>

Examples

```
## Not run:
stock <- quoteStockTsData('4689.t')
head(stock)
stock <- quoteStockTsData('4689.t', since='2009-01-01',date.end='2009-12-31')
head(stock)
stock <- quoteStockTsData('4689.t', since='2009-01-01',
                          date.end='2009-12-31',time.interval='monthly')
head(stock)
plot(stock$date, stock$close, type="l", col="blue")

## End(Not run)
```

---

quoteStockXtsData — *quote Japanese stock market from Yahoo!-finance-Japan*

Description

quote Japanese stock market from Yahoo!-finance-Japan

Usage

```
quoteStockXtsData(x, ...)
```

Arguments

x	<stock_code>.<market> ex: 4689.t
...	arguments of quoteStockTsData

Value

xts

Author(s)

Yohei Sato <yokkuns@tkul.jp> Nobuaki Oshiro <akiaki5516@gmail.com> Shinichi Takayanagi <teramonagi@gmail.com>

See Also

quoteStockTsData

Examples

```
    ## Not run:
        stock.xts <- quoteStockXtsData('4689.t')

## End(Not run)
```

`toXts` *convert to xts from DataFrame*

Description

convert to xts from DataFrame

Usage

```
toXts(stock.df)
```

Arguments

`stock.df`	DataFrame

Value

xts

Author(s)

Yohei Sato <yokkuns@tkul.jp> Nobuaki Oshiro <akiaki5516@gmail.com> Shinichi Takayanagi <teramonagi@gmail.com>

Examples

```
    ## Not run:
        stock.df <- quoteStockTsData('4689.t')
        stock.xts <- toXts(stock.df)

## End(Not run)
```

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