

Package ‘RFinanceYJ’

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

Description

Japanese finance market from Yahoo!-finance-Japan

Details

Package: RFinanceYJ
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)

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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	<i>quote foreign exchange rate from Yahoo!-finance-Japan</i>
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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)

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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)

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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)

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<teramonagi@gmail.com>

See Also

quoteStockTsData

Examples

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

toXts	<i>convert to xts from DataFrame</i>
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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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