Package ‘machQA’

August 10, 2016

Type Package

Title QA Machina Indicators

Version 0.1.4

Description Performs Quality Analysis on Machina algebraic indicators 'sma' (simple moving average), 'wavg' (weighted average),'xavg' (exponential moving average), 'hma' (Hull moving average), 'adma' (adaptive moving average), 'tsi' (true strength index), 'rsi' (relative strength index), 'gauss' (Gaussian elimination), 'momo' (momentum), 't3' (triple exponential moving average), 'macd' (moving average convergence divergence). Machina is a strategy creation and backtesting engine for quants and financial professionals (see <https://machi.na/> for more information).

Imports machina, plyr

License GPL

LazyData TRUE

NeedsCompilation no

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Repository CRAN

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R topics documented:

mach.Go *mach.Go*

Description

This connects to the Machina web service, and opens strategy.

Usage

```
mach.Go(
    username = NULL,
    password = NULL,
    strategy = NULL
)
```

Arguments

username	Required, your Machina username
password	Required, your Machina password
strategy	Not required, this will default to default

Details

This connects to the Machina web service, and opens strategy.

Value

This connects to the Machina web service, and opens strategy.

Author(s)

Tim Norton

Examples

```
# mach.Go(username = "userName", password = "passWord", strategy = "strategyName")
```

mach.QA *mach.QA*

Description

This performs the bulk of the QA operations.

Usage

```
mach.QA(
ticker = NULL,
day = NULL
)
```

Arguments

ticker	Required, the ticker you want to QA, either ibm or spy
day	Required, the date to perform QA on. Choose a trading day between 1/1/2014 through 4/30/2014 in YYYYMMDD format.

Details

This performs the bulk of the QA operations.

Value

This performs the bulk of the QA operations.

Author(s)

Tim Norton

Examples

```
# mach.QA(ticker = "ibm", day = "20140221")
```

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