

2015

StockFinder Manual

Acquisition and visualization of various stock index

StockFinder captures data that has been published on the Internet.

Relationship between market aspects and indications

Visualization of stock prices.

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Introduction

Downloading this software, thank you.

This software is developed as tools provide visibility into relationship by the distribution of signs of the fluctuation of stock prices , and get the stock information from the Internet.

●Stock information check. [Data]

- Collect information on Matsui securities, The Nikkei HP,
- And collected data to accumulate stock file.
- Display financial information in an easy-to-understand on a single sheet

●Grab the tide. [History]

- And by the trend line resistance / support lines automatically.
- Candlestick signals displayed on the chart
- It is displayed on the chart with a good-bad-normally classify the news
- Each items, it can be displayed over an indication of the other stocks in the candlestick chart.
- The operation simulation , you can consider contributing indicators to investment performance .

●Finding promising stock. [Scat Brand]

- Screen the Brand index. And scatter Brands in the XY chart.
- Dispersed stocks pointing and clicking, and displays the information label.
- Open the stock Data sheet information that is displayed by clicking the.

●Index linkage. [Scat History]

- You can check the scatter plot the interlocking with each indicator of the stock price.
- And draws a correlation line. Depending on the correlation coefficient varies line width.
- Open the datasheet of the stocks and pointing and clicking.

●Storage of the chart settings

- Independent console file and note the specifications to save.
- Saves a chart settings are categorized as analytical methods and file name.
- Let's save the file with a name in the found analytical methods.
- Light body soft by separating them to accumulate stock data to the chart.

This software works,Excel2013 and environment installed, Internet-connected computer is required.

Package packed manual, StockFinder.xlsm , and SF_Readme.txt.

Locate the folder for the software, please copy the StockFinder.xlsm there.

The folder under the subfolder are required, files will be generated.

In the initial launch, takes a few minutes to prepare the required folders and files. (It is not beam a bug)

What you can do with this software

Stock data collection, calculation and check prices, index linked, tide.

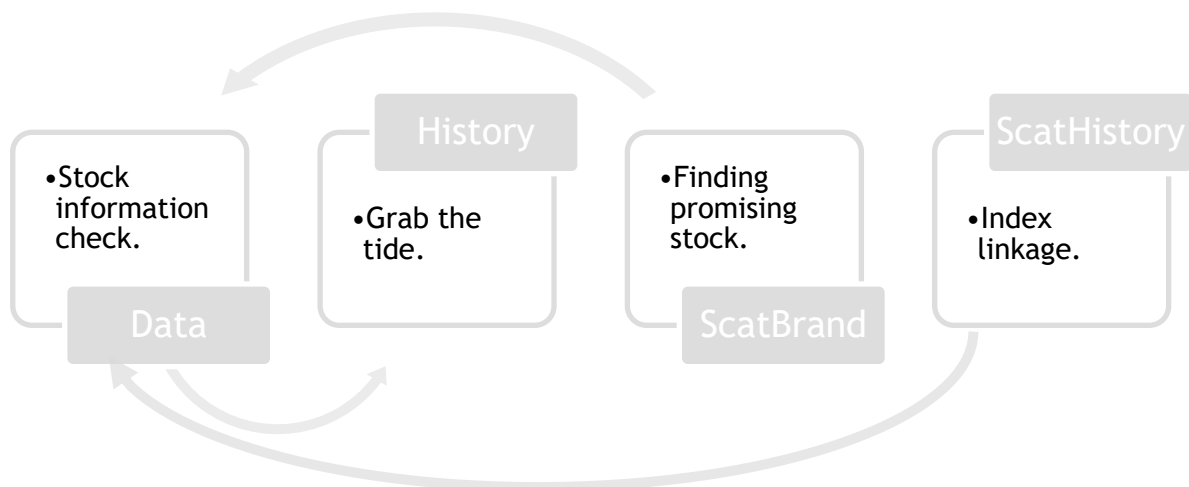


FIG. 1 image

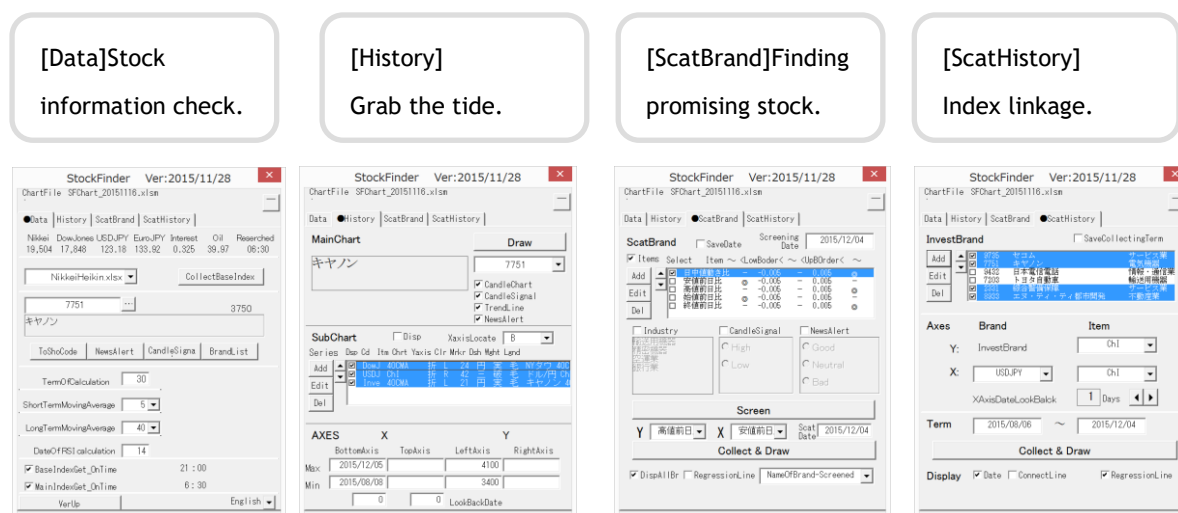


FIG. 2 operation

- [Data] Collects stock data
- [History] Creating a Historical chart
- [ScatBrand] Scat StockIndex on a XY 2DimensionsChart.
- [ScatHistory] Scat HistoricalData on a XY 2DimensionsChart.

Stock information check.

[Data]

Collect stocks, indices, news and financial information

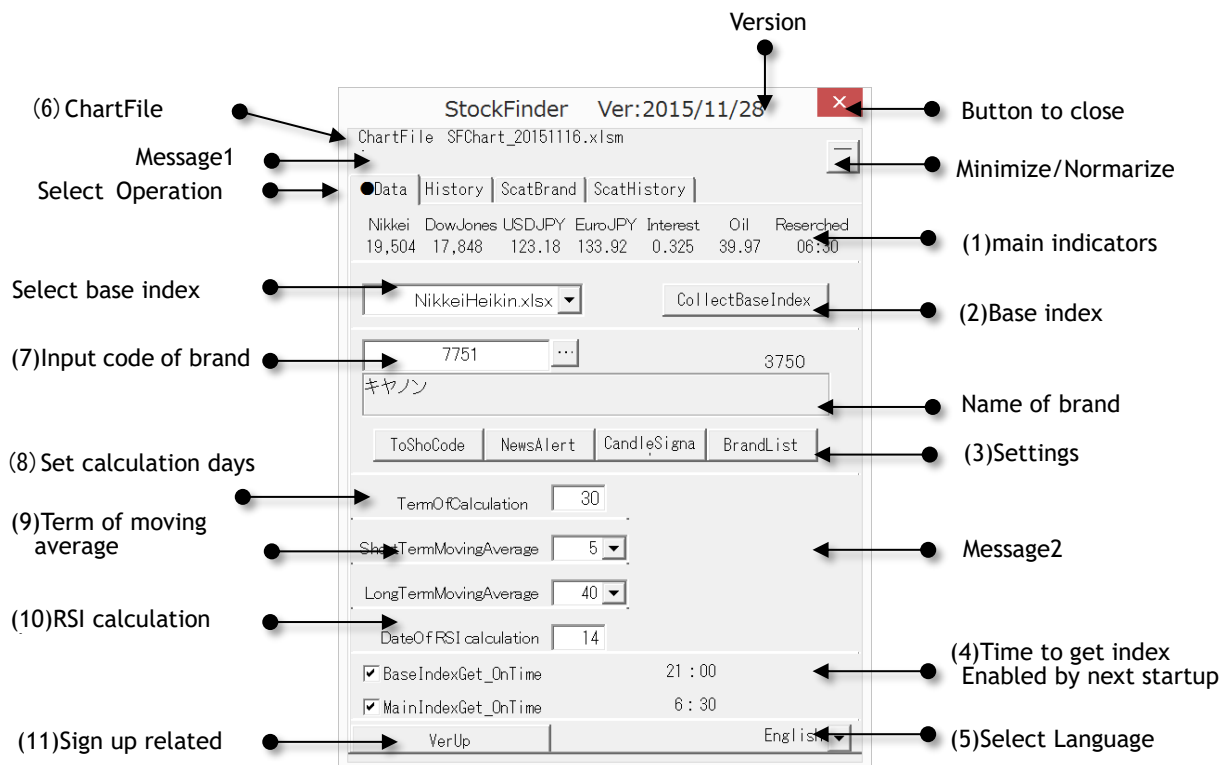


FIG. 3 [Data]

Collect stock information via the Internet.



FIG. 4 Tokyo Stock Exchange

FIG. 4 that is recovered by 2015, 4 / 22, 9:04 Nikkei average 20000 yen, Tokyo Stock Exchange. I happened to be encountered situ. Consists in the booth inside a cylinder of glass placed in the large space on the Tokyo Stock Exchange, the main computer terminals, large display, and mass media. No one came here outside visitors, the media are sparse, to trade. All engaged due to Internet trading. No 20000 Yen to recover, the cheering. Get stock from The Nikkei HP and Matsui securities HP software is the visualization of information and accumulated data, organized. Describes the data collection software.

(1) Main Items

Display items in the items by clicking the displayed time

(2) Collection of Basic Items

If the index file name is listed in the basic item selection, taken by. If you leave it blank, collects all basic items. Nikkei Stock Average, Tokyo Stock Price Index, JASDAQ, Dollar / yen, Euro / yen, NY Dow, Crude oil price-linked listed investment trust, Gold price-linked exchange-traded fund, Cereal index-linked shares issued trust, Shanghai stock index, VIX short-term futures index, NikkeiVindex

(3) various settings

TokyoStockExchange code

StockFinder Under the folder to put this software to launch **ToshoBrandCode** That this folder is automatically generated. In the folder

<http://www.JPX.co.jp/markets/statistics-equities/Misc/01.html> To list on Tokyo Stock

Exchange listed stock code every month up 12 Excel file to download, please register. (Is the old ticker code Excel file and subfolder saving or deleting do not search for software.)

Updates available for adoption and then press this button.

You must reconFIG. each Term is considered necessary because change is listed on the list.

The software is digits 4 digits code symbol which can be adopted.

News

Stock news is up in the The Nikkei HP into good and evil, Bo, keep the stock file, keyword taxonomy and distribution priorities set with this button.

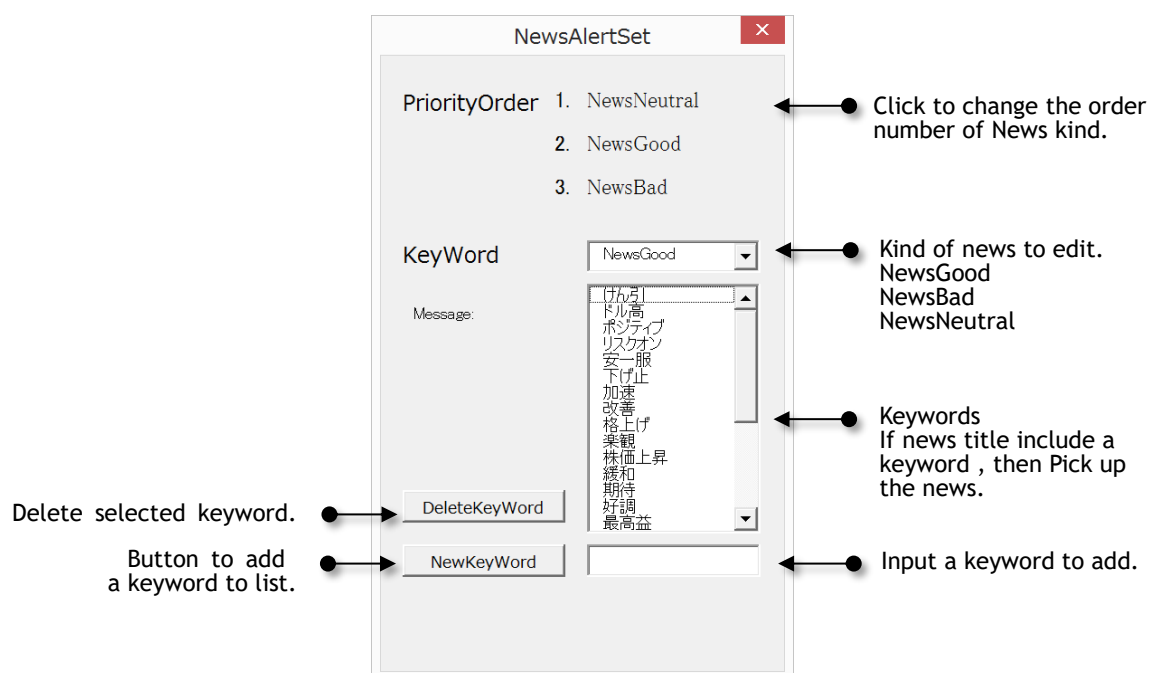


FIG. 5 news alert settings

Candle signals

Sets the meaning of the candlestick signals and pick up condition.

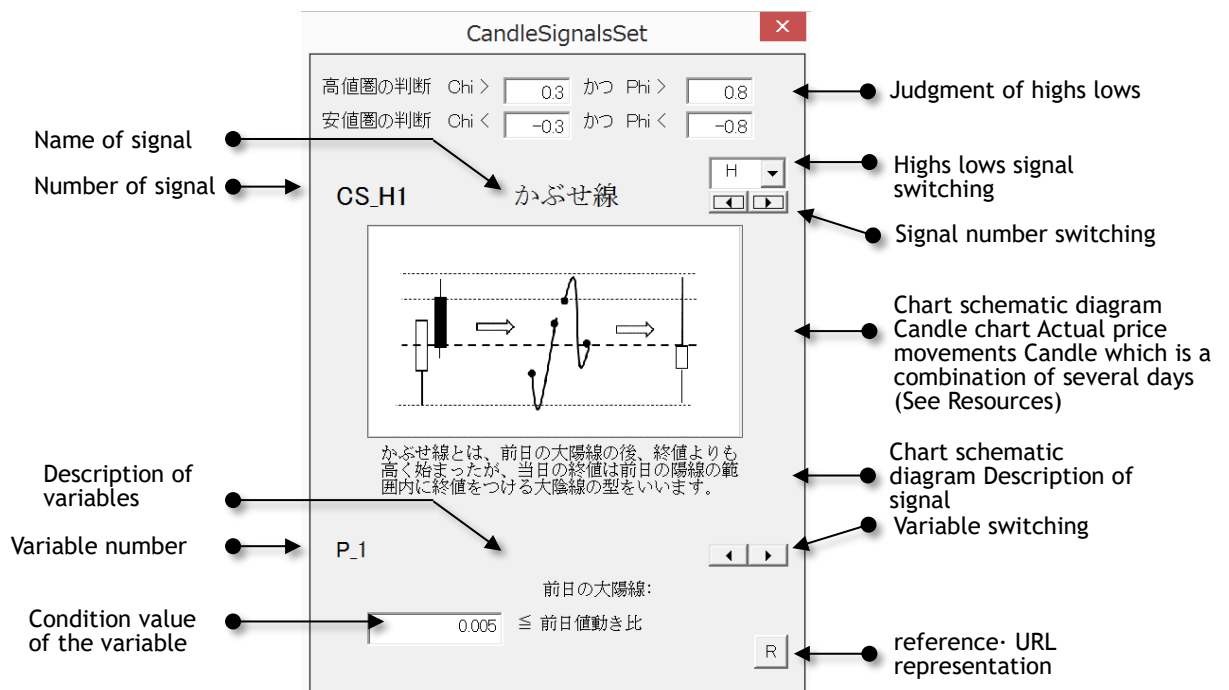


FIG. 6 candlestick signal definition

FIG. 6 to sets of variables to detect the candlestick signals.

Determine the highs and lows of Chi and Phi .

CS_H1 -CS_H 14: signal worth noting high levels in

CS_L1 -CS_L 11: signal worth noting lows in

Below the chart text is explanation of General signal. It is possible to edit.

P_1 P_2 P_3 . Will set the conditions to react to each signal (user adjustable) .

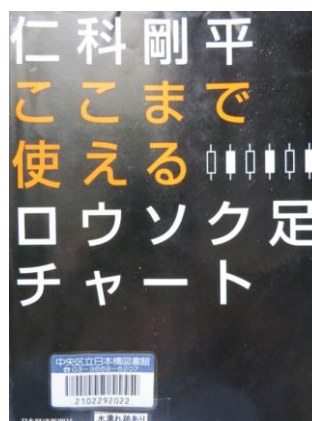


FIG. 7 bibliography of candlestick signals

Referring to Nishina Gohei above book creation software.

Description of the method to describe one candle chart a couple of days.

Stock list

To show the list of viewed in software stocks, as well as open stock data. If you have signed up, stock list, stock data from the Internet gradually collected by can. Can also be released from automatic circuit by a most valuable resource is time consuming and relax your time as the initial cost can be recovered in the circuit several times. Approximately 10 seconds in you can get 1 information. In my environment, for 1 in 7-8 seconds, the time it takes to patrol to 500 will be approximately 1 hour. Because the information of ROE equity ratio is not provided in time series, you need to get the information every day.

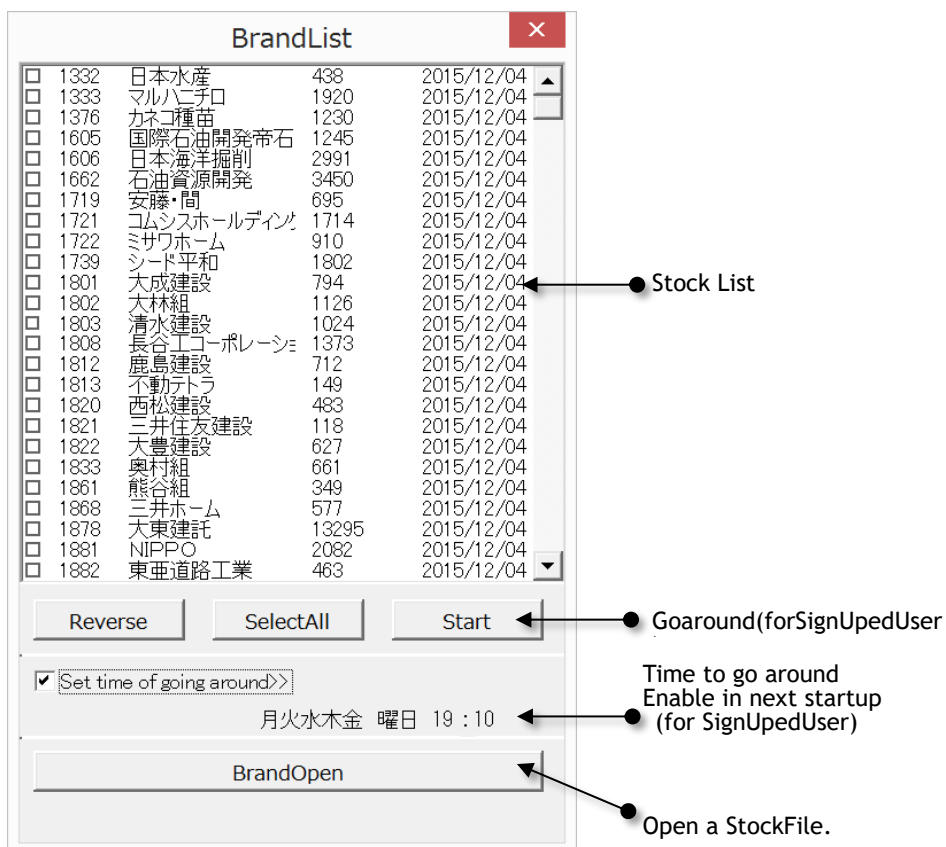


FIG. 8 stock list

(4) Item sampling time setting

Sets the sampling time of basic items and key items. Setting becomes effective from the next software startup.

(5) Language selection

Display I choose the language (English / Japan), such as buttons. (Brand name, meaning, etc. part of the candlestick chart there is the case of the Japanese. In addition, English notation that familiar to the Japanese people I am with as it is.)

(6) Chart File

Excel chart appeared a large amount of data is not only that, it takes time to open a larger. Therefore, independently of the main body note, another file. Note name is displayed here.

You can save the chart file currently being displayed as a separate file, to open a separate chart file, by clicking here, it can be performed.

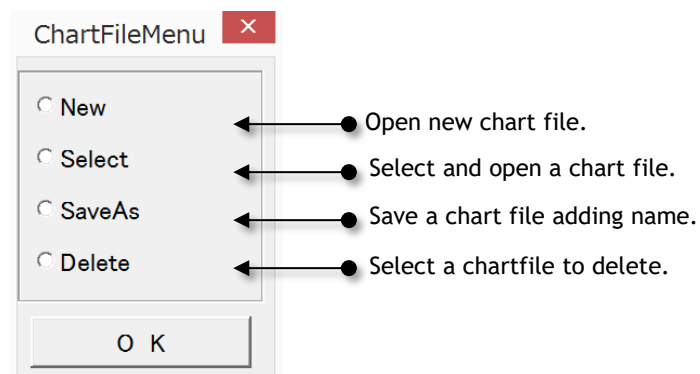
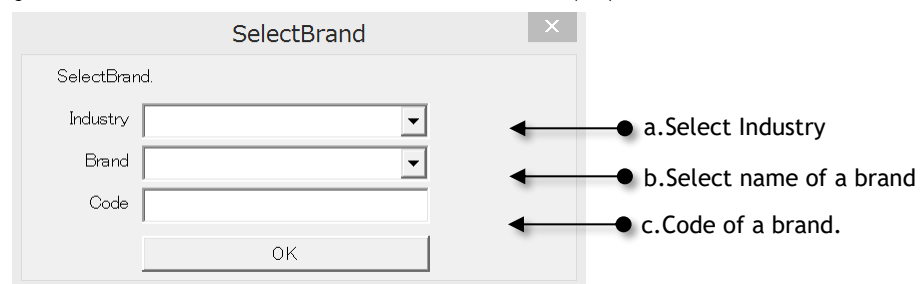


FIG. 9 Operation of chart file

7) Investment code input field

Enter the stock code consisting of a four-digit number.

Not sure if code is right next door [...] Press, stock selection menu displays.



Order a→b→c or, b→c
 a. Industry Select Industry by ▼ button.
 b. Input Name of brand of first few characters and press ▼ button
 c. Code of brand
 press [OK] button to input this code to Data Inputbox .

FIG. 10 stock selection

To enter the code and open the corresponding stock file.

Finance キヤノン		時系列データ	http://finance.matsui.co.jp/stockDetail.aspx?code=7751&type=2				
BrandCode	7751	株価情報	http://www.nikkei.com/markets/company/index.aspx?scodes=7751				
調査時刻	2015/11/13 19:08	損益計算書	http://www.nikkei.com/markets/company/kessan/shihyo.aspx?scodes=7751				
業種区分	電気機器	NEWS	http://www.nikkei.com/markets/company/news/news.aspx?scodes=7751&ba=1				
株価	3,738 円	損益計算書	4期前	3期前	2期前	前期	今期
時価総額	4,996,278 百万円	決算期	2010/12 連S	2011/12 連S	2012/12 連S	2013/12 連S	2014/12 連S
普通株式数	1,333,763,464 株	売上高	3,706,901	3,557,433	3,479,788	3,731,380	3,727,252 (百万円)
配当利回り	4.00%	営業利益	387,552	378,071	323,856	337,277	363,489 (百万円)
		経常利益	392,863	374,524	342,557	347,604	383,239 (百万円)
PER (予想)	18.18 倍	当期利益	246,603	248,630	224,564	230,483	254,797 (百万円)
PBR (実績)	1.37 倍	一株利益(EPS)	199.71	204.49	191.34	200.78	229.03 (円)
株式益回り	5.50%	一株配当	120	120	130	130	150 (円)
最低購入金額	373,800 円	決算月数	12	12	12	12	12 (ヶ月)
売買単位	100 株	貸借対照表(百万円)					
		決算期2	2010/12 連S	2011/12 連S	2012/12 連S	2013/12 連S	2014/12 連S
年初来高値	4,539 円	総資産	3,983,820	3,930,727	3,955,503	4,242,710	4,460,618
年初来安値	3,402 円	純資産合計	2,809,637	2,713,667	2,754,302	3,066,777	3,140,758
10年来高値	7,450 円	営業指標					
10年来安値	2,115 円	一株純資産(BPS)					2,728 円
		自己資本利益率(ROE)					8.65%
		売上高経常利益率					10.28%
		自己資本比率					66.77%

FIG. 11 Investment Finance Sheet

(8) Calculate the number of days specified fields

Specify whether to calculate the items from several days ago.

(9) Moving average Term settings section

Short Term moving average and long term moving average number of days, select.

This software offers to choose from 5, 10, 40, 120, 240, and. Days are working days not including holiday 5 days one week, 10 days half month, 40 days 2 months, 120 days six months, 240 days approximately 1 year.

Chi Phi Trend for each item chart area automatically employs this term.

And the short-term moving average long-term moving average using average value of the closing price of the Term.

Chi = closing price basis (short-term moving average - the long-term moving average) ÷
long-term moving average × 10

Voi = in volume-based (short-term moving average - the long-term moving average) ÷
long-term moving average

PHI = When the long term moving average closing price up to 1 min and -1 of the value of
the short-term moving average

Time Term of the series chart it was three times the long-term Term in the initial state.

Trend Indices in term 3 times, 3 to split up due to price fluctuations and are asking.

(10) RSI Term

RSI Of the calculation Term is 14 days and generally are. It is possible to change here. RSI is usually represented by a value between 0 and 100, but to match the display of the adopted other items, it has been adjusted to take values between -1 and 1.

(11) SignUp-related buttons

The display of the initial state [SignUpOrder] As is.

Process and sign up for updates.

Sign-up is valid only on PC created sign up order and soft.

SF_SighUpOrder.txt creates StockFinder and same folder and press again. Then the display changes to [SignUp]. After a predetermined procedure, arrives account and product key from us, press the button, make the sign-up process. After that show turns into [VerUp] .

VerUp When a new version of StockFinder has been released, is intended also to put the ownership account of the new version of StockFinder. (Is valid for 365 days from the initial sign-up.)

When you press the button, a file called SF_VerUpFrom_ #####.xlsx will be created. After that, please save the old StockFinder to another folder. Then, copy the new StockFinder that you downloaded to the folder, when you start, version-up is complete.

Items

Items are adopted as follows. Collection and calculation results are stored in the stock file History sheet.

Performance items, etc.

Open: Start value

High: High

Low: Low price

Close: Closing share price

Volume: Trading volume

始値前日比: $(\text{Open} - \text{previous day Close}) / \text{previous previous day Close}$

高値前日比: $(\text{High} - \text{previous day Close}) / \text{previous previous day Close}$

安値前日比: $(\text{Low} - \text{previous day Close}) / \text{previous previous day Close}$

終値前日比: $(\text{Close} - \text{previous day Close}) / \text{previous previous day Close}$

出来高前日比: $(\text{Volume} - \text{previous day Volume}) / \text{previous day Volume}$

日中値動き比: $(\text{Close} - \text{Open}) / \text{Open}$

下髭比 UnderShadowRato: $\text{UnderShadow length} / \text{Body length}$

上髭比 TopShadowRato: $\text{TopShadow length} / \text{Body length}$

蠟燭比 Candle ratio: $\text{Body length} \div \text{Total length}$.

5CMA 10CMA 40CMA 120CMA 240CMA: Closing price moving average (FIG.s mean value calculation Term)

5VMA 10VMA 40VMA 120VMA 240VMA: Volume moving average (")

ChI = $(\text{Closing (short term moving average} - \text{long term moving average)}) / \text{long term moving average} \times 10$

ChR ChangeRate of ChI from previous day

Vol= $\text{Volume (short term moving average} - \text{long term moving average}) / \text{long term moving average}$

VoR ChangeRate of Vol from previous day

PhI = The maximum value of the short-term moving average in the long-term period and 1, to convert to the minimum value becomes -1. This index value determined by converting the short-term moving average of the day.

The number of days set of long-term short-term is done in the Data panel.

PhR ChangeRate of PhI from previous day

RSI: $\text{RSI} = \text{exponential moving average of the price rise width (}\alpha\text{)} \div (\text{exponential moving average of the price rise width (}\alpha\text{)} + \text{exponential moving average of drops width (}\alpha\text{)}) \times 100$

Inventor is J · Welles Wilder Jr.

(Adjusted so as to remain at -1 to + 1)

Trend: The slope of the Tend

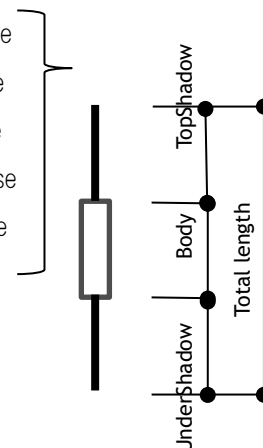
TrendR: $\text{Trend} \div \text{period moving average} \times 100$

(Set the peak cut to remain at -1.0 to + 1.0)

If the transition remains of $\text{TrendR} = 1.0$, stock prices will double after 100 business days .

$\text{TrendR} = 1.0$ A , rose 1% in a day , which means that the rise of 100% in 100 days .

Check the medium price movements stocks of the day



TrendT: The value of the resistance line (TrendTLine)

TrendM: Trend (TrendMLine (hidden)) to predictions by

TrendB: The value of the support line (TrendBLine)

TrendC: Minus the number of days from the trend line cross past $\div 100$

Indicates that this value plus is the triangle had formed and close upper and lower trend lines for the future. To open the trend line is negative, it means.

In order to align the range of other indicators and value , numeric value divided by 100 , so as to remain at -1.0 to + 1.0 , and subjected to a peak cut .

Peakout: Rate apart from the trend,TrendT \rightarrow 1,TrendB \rightarrow -1

Plus for (Close - TrendM) / Absolute (TrendT - TrendM)

If the negative (Close - TrendM) / Absolute (TrendB - TrendM)

In order to align the range of other indicators and value , numeric value divided by 100 , so as to remain at -1.0 to + 1.0 , and subjected to a peak cut .

My own Chi Tstock information comparing other brands and found useful.

In short-and long-term moving average calculation Term (9) [Data] user sets.

This setting affects the Trend calculation.

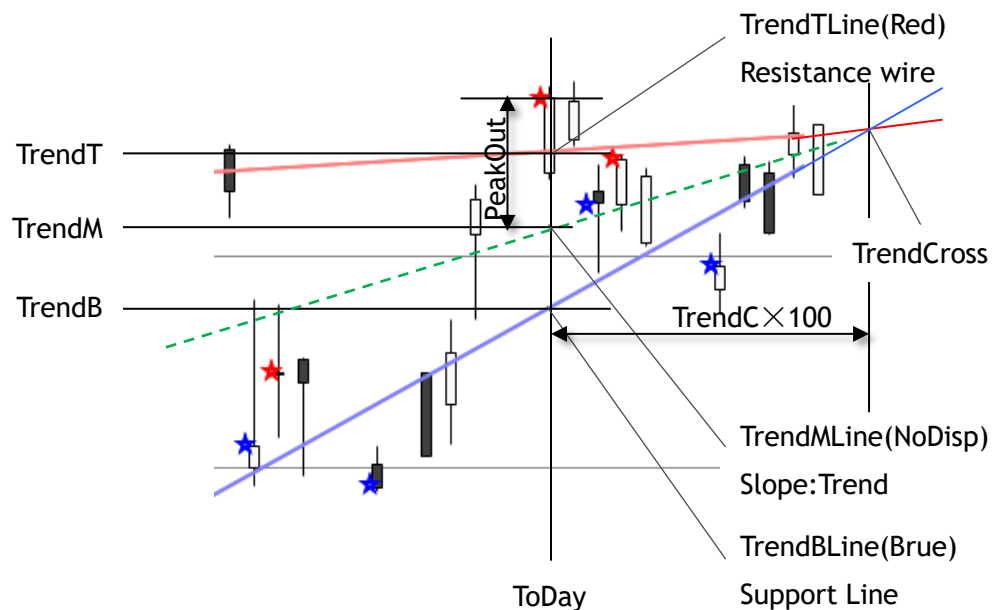


FIG. 12 Image of Trend Line Indicates

Because the trend line is changing with the advent of the peak is not persistent. Trend line items are calculated only for up to date information. Because this FIG. is in the last image shows more after that day.

And financial items, etc.

Following indicators are calculated values have been published in the Japan economic newspaper HP .

- PER : Stock / estimated earnings per share
- PBR : Stock ÷ net asset per share
- ROE : Equity (net income ÷ shareholders ' equity)
- EPS : Per share profit performance values
- BPS : Share of short-term financial results net assets (Nikkei HP)
- 売上高(amount sold) : revenue companies to obtain products, goods, in return that provided the service. (Nikkei HP)
- 営業利益(operating profit): It cost of sales from sales, we will calculate by subtracting the expenses such as selling, general and administrative expenses. (Nikkei HP)
- 経常利益(ordinary profit) : Interest income to operating income, such as dividends and interest expense numbers taking into account the non-operating income and expenditure. (Nikkei HP)
- 当期利益(net income) : Ordinary income, special gains and losses that occurred in other than the normal business activities, a number which takes into account such as corporate tax burden, net income, net income, and is also referred to as a tax benefit. (Nikkei HP)

一株配当(dividend Property)	: Dividend one share per share dividend track record value
総資産(total assets)	: Total assets in the balance sheet net assets on the left. (Nikkei HP)
純資産合計(total net assets):	Amount equal of assets in the balance sheet in the liabilities section, shareholders ' equity in the amount of total capital and capital surplus and retained earnings, stock and more limited shareholders ' equity net assets stock reserved amounts exclusive of rights and minority interest in (Nikkei HP)
時価総額(aggregate market value)	:Update the securities business capitalization total : 20 o'clock. A million units. (Nikkei HP)
株式益回 ^り (earnings yield)	: Is the price earnings ratio (PER) of reciprocal. Unit is percent. The calculated by dividing actual sales or operating revenue ordinary income actual value for the securities business. Calculated by dividing income ordinary income banking, insurance. Updates about United States accounting standards, used in place of ordinary profit pre-tax profit. (Nikkei HP)
売上高経常利益率(Ordinary income to net sales ratio)	The calculated by dividing actual sales or operating revenue ordinary income actual revenue ordinary income rate : . Calculated by dividing income ordinary income banking, insurance. United States accounting standards, used in place of ordinary profit pre-tax profit (Nikkei HP)
自己資本比率(Capital-to-asset ratio)	Own equity ratio : shareholders ' equity/total assets
利益前期比	Profit quarter : (income-prior period income) ÷ prior period income
成長率(capital growth)	Growth rate : (net assets-net assets early) ÷ prior period net assets
配当前期比	Dividend payout ratio : (NET dividend--dividend early) ÷ early dividends
配当利回 ^り	Dividend yield : dividend yield

Investment news

News : The Nikkei HP news title for sorting and storing

Picked up the news by user-defined keywords

NewsGood NewsBad NewsNeutral Of the fall into three categories.

If you have keywords belong to two or more type classifies priority.

Candlestick signals

Shows the signal can be read from Candlestick chart.

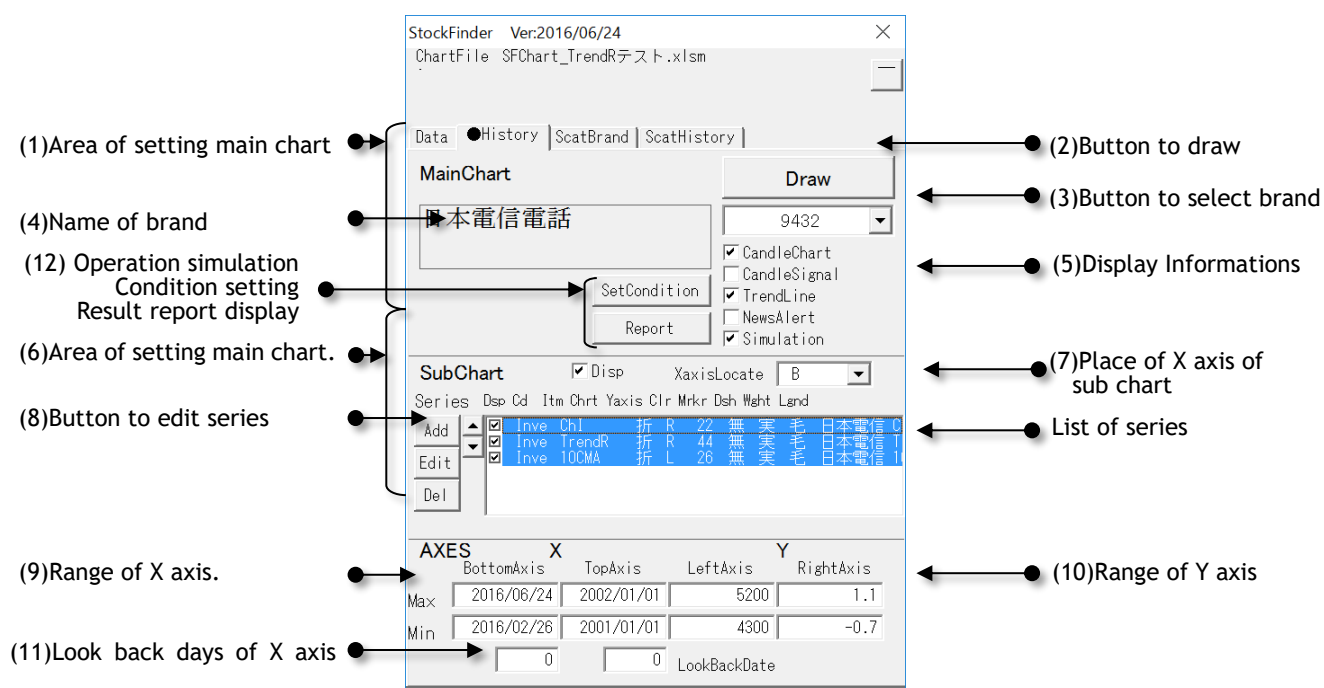
CS_H: Remained out caution signals 1-14

CS_L: Out at the lows attention signal 1-11

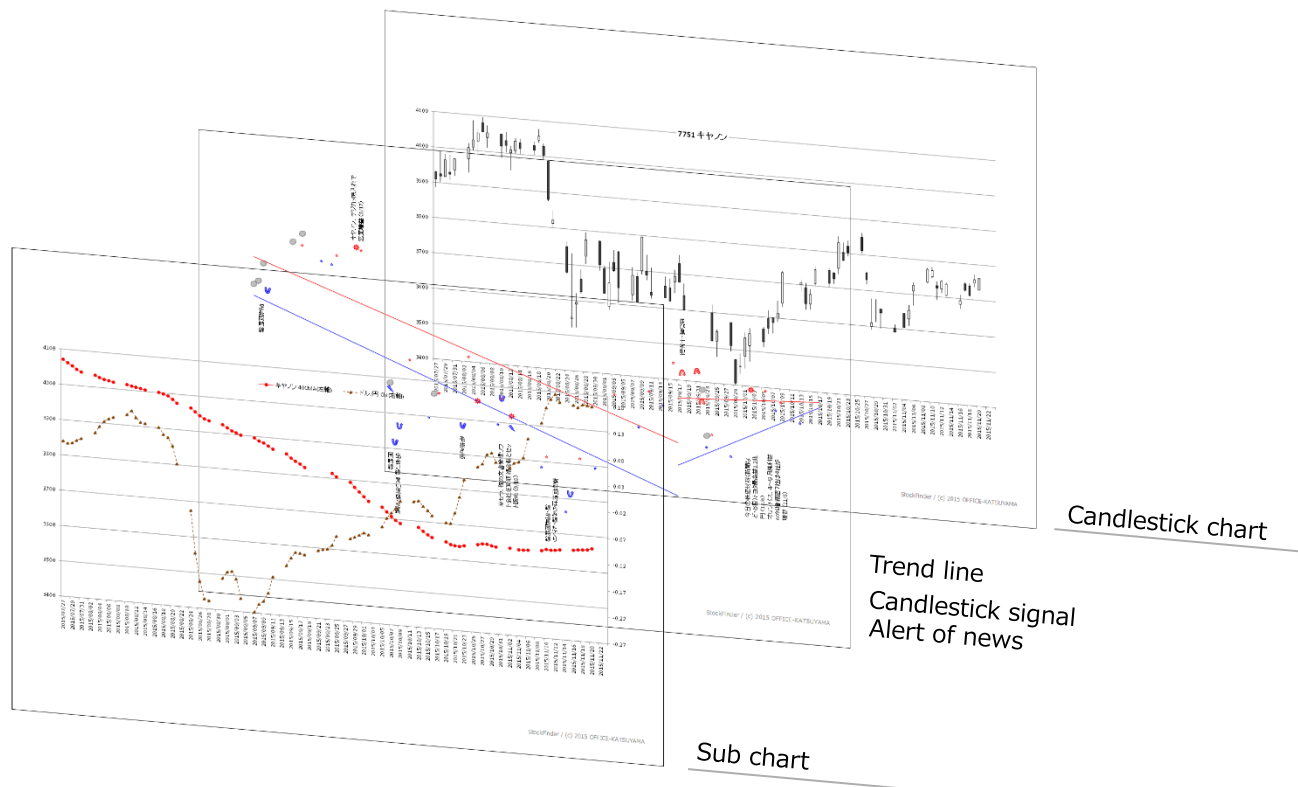
Calculates the power of 2 value calculated because there can be multiple signals on the same day the candlestick signals in the record total. Confirm by clicking the signal in time-series charts.

Grab the tide.**[History]**

To display the stock information in chronological order, to identify changes in stock prices.

**FIG. 3 [History]**

To Display collected historical data.

**FIG. 4 technical analysis on multiple charts**

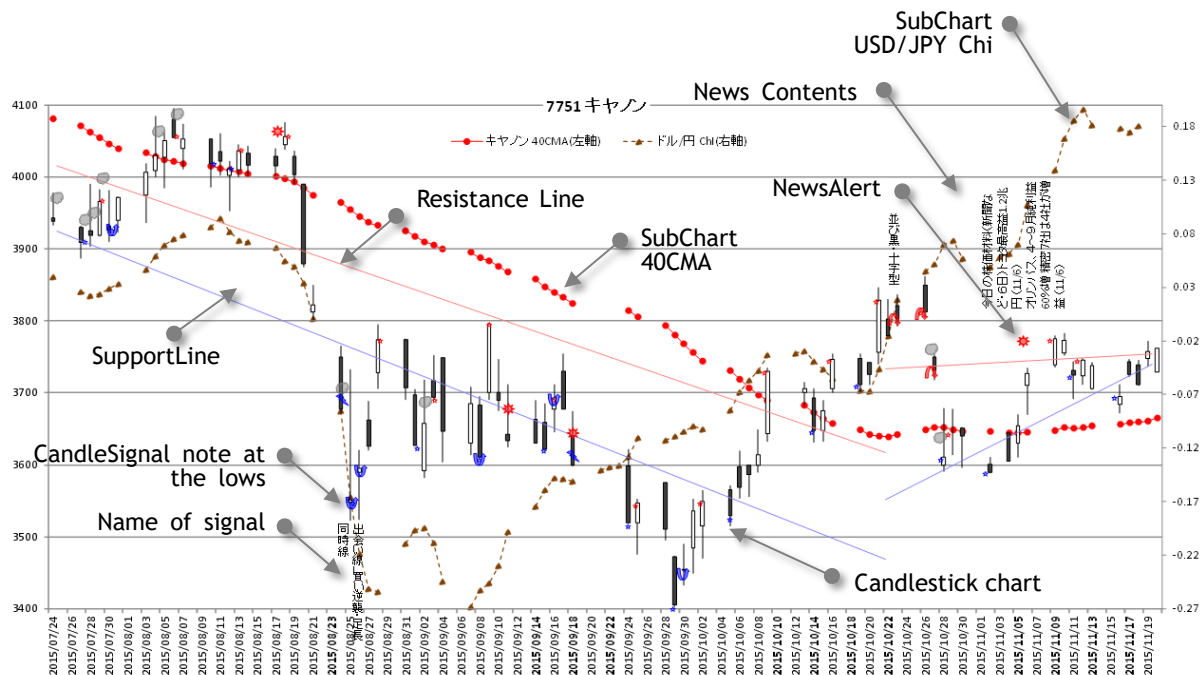


FIG. 5 Historical Chart

Chart gives tide measurements.

◆ MainChart

(1) MainChart settings area

Set up a chart to base a candlestick chart.

[History] Opening employs showing stocks inData .

(2) Chart drawing buttons

Draws the chart listed stocks according to the setting.

(3) Select a brand name

Select the code you want to view the chart.

(4) The name of the display issues.

Displays the brand name.



By clicking on this area you can open the stock file .

(5) Select display chart

Select display chart.

☒ Disp : Displays the candlestick chart.

☒ **Candlestick signals** : Displays the candlestick signals.

Candlestick signals  (note at the lows) and  (Attention at high levels) in the display.

☒ **Trend Line** : Displays the trend line.

Trend line (support / resistance lines) display.

Trend line is drawn by connecting correlation line peaks occurring in a short Term of time. Peak has adopted   in the shows.

Analyzing their intentions to clear away the trend lines are mechanically.

Confirmation, such as triangular holdings are also valid.

* For trend line calculation scope depend on the peaks by the date fluctuates slightly.

☒ **News Alert** : Displays the news alert.

View the news have been collected by data.

 (Good news)  (News of the ordinary)  (bad)

Candlestick signals and news alerts by clicking and its contents appear in the chart. Clicking again will be cleared.

FIG. 15 that resembles and save chart overlay.

In the Save chart on the horizontal axis on the displays save chart for horizontal at the top of the chart and select the axis (T) .

You can modify the display range by manipulating the charts k controller is listed in the chart.

◆ Sub Chart

(6) Sub Chart configuration area

Set up a chart overlay on the candlestick chart.

(7)Horizontal position

You can display a horizontal axis on the chart.

This feature, by shifting the time axis of the sub-chart, used when comparing the main chart.

Usually set in the bottom axis (B) .

(8) Series Editing button

Edit the sub chart series.

Maximum number of series that appear to sub chart is 6 .

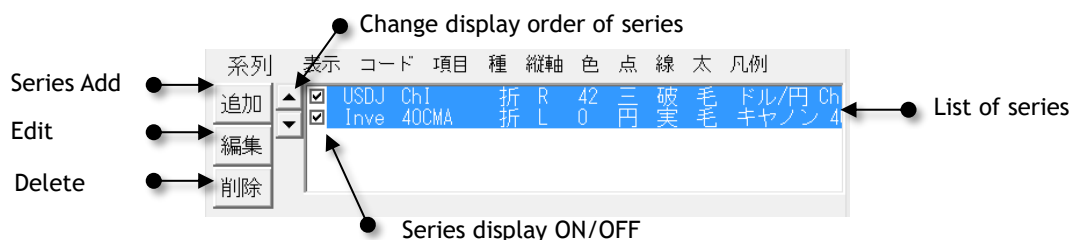


FIG. 16 Edit series button series list

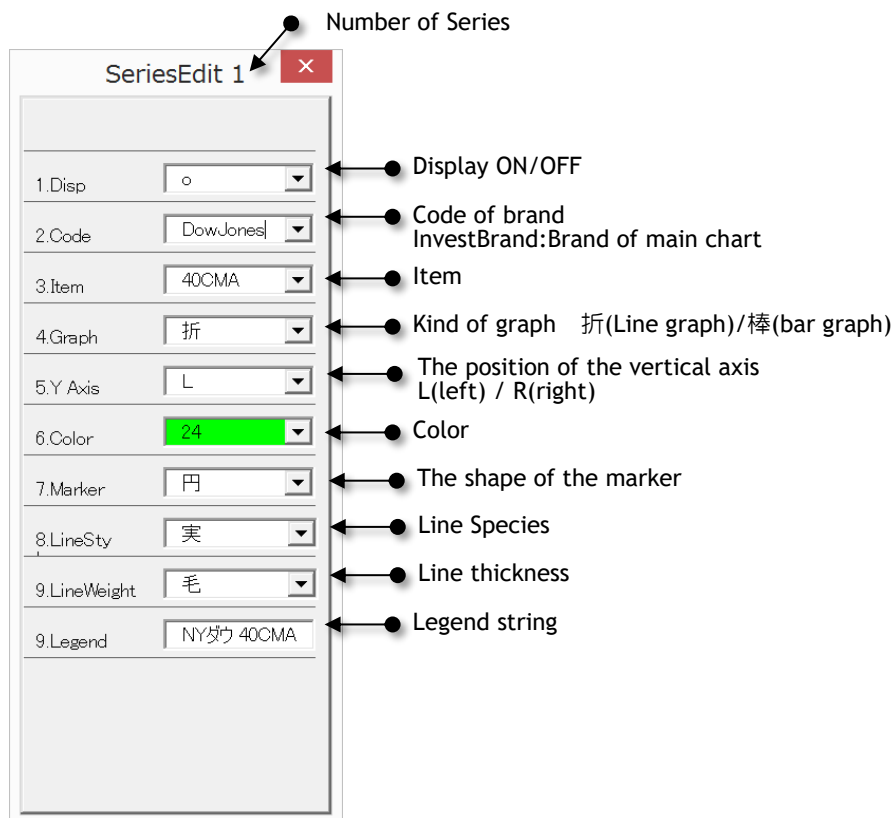


FIG. 17 series Edit menu

It is also possible to display on top of the main chart with different brands.

You should note the one single sub chart series refers to left axis. Resembles refers to must be left for the left turn item is intended to set the price.

Such as Chi RSI, item of the ratio I think may be set to refer to the right axis.

◆ Axis settings

(9) X Axis view range

Chart X axis view range is long term $\times 3$. Note that further Term 3 times (long term $\times 9$) of store data. (If the data exists)

Within the stored data on a chart Scroller listed in note Historical sheet can change the display range. [History] Can also directly enter the display range of the X axis change.

(10) Y Axis view range

Y-axis display range, it is set as the maximum and minimum value of the drawing range fits. By directly input to this column, you can change the display range. By chart scroller, you can change the display range.

(11) The number of days back in the X-axis

From the date of the operation, and the number of months here the number of days, such as when you want to display the data for a number of years ago, dating back.

Consider utilization of past price and current price action to check again.

(12) operation simulation (for the sign -up users)

What do I How to increase the stock investment performance of . " Lines to buy low , sell a high price , " says the . However , whether now is the time , such of that , a reliable judgment is probably impossible . " Buy and sell belly 80% " is also said to be . That is, it is important to find how to use the indicators they can deliver the investment income in total. Soichiro Honda was referred to as " A lot of people is hardly the most important "try " only see or hear . " . In this time the addition of this feature , you can do a " trial " on a personal computer . However , the results coming out from here , for a period of time of a particular stock , a result of applying the index , other stocks , of course , even if blindly fitting to the period of the future will not work . Industry and the nature of the brand , based on the trend of the entire market , it seems that there is a need to consider several indicators combination of pattern . Can you save with a name in the chart file for each pattern . In addition , the transaction price as an ordinary tradable , was made to the date of the transaction (high + low) $\div 2$.

a) condition setting (even without a sign -up users , condition settings can experience .)

Indicators that can be employed to condition , and up to six selected item in the SubChart, news alerts , a total of eight items of the candle signal . For news alerts , from Good Bad Neutral, for the candle signals , you can select the type of signal to adopt . Investment at the start of the buying force , held the number of shares trading unit , or forgive the debt and short sales , and specify the number of days to carry out the transaction from the index occurs .

The following shows the display image .

Simulation

Starting Money: 5,000,000
 StartStocks/TradingUnit: 3
 StartStocks: 300
 Permit short or debt: ☐ Permit Short
☐ Permit Minus Money.
 TradingUnit: 100 Stocks Trade After: 1 Days.

Press [OK] after setting conditions. You must set the condition of Sell and Buy situation.

Trade cant do at signal date. Then Set trading days after sign has occurred.

Display the index of SubChart. Prease check the box of Use Index.

Use Index: ☒ 石油資源 Phil ☒ 10 ☐ Cross SDscale ☐ LowBorder ☐ HighBorder

It specifies whether to generate a signal when it is in any range of indices. (Multiple selections allowed)

In the case of non-zero, At a distance of magnification of standard deviations from moving average, and then automatically set the Border value.

Signal generated by the conditions OFF → ON

NewsAlert: ☐ SellNews ☐ NewsGood ☐ NewsBad ☐ NewsNeutral

Select the kind of news alert

CandleSignal: ☐ SellCandleSignal

Select Signal of Candle

※ Use Index will choose the "AND" conditions of sale on function.

FIG. 1 Setting the condition of trading.

b) Display of results

- Investment results will be displayed over the time series chart.

When green frame investment start, orange frame at the investment the end, the red frame is selling, blue frame buy.

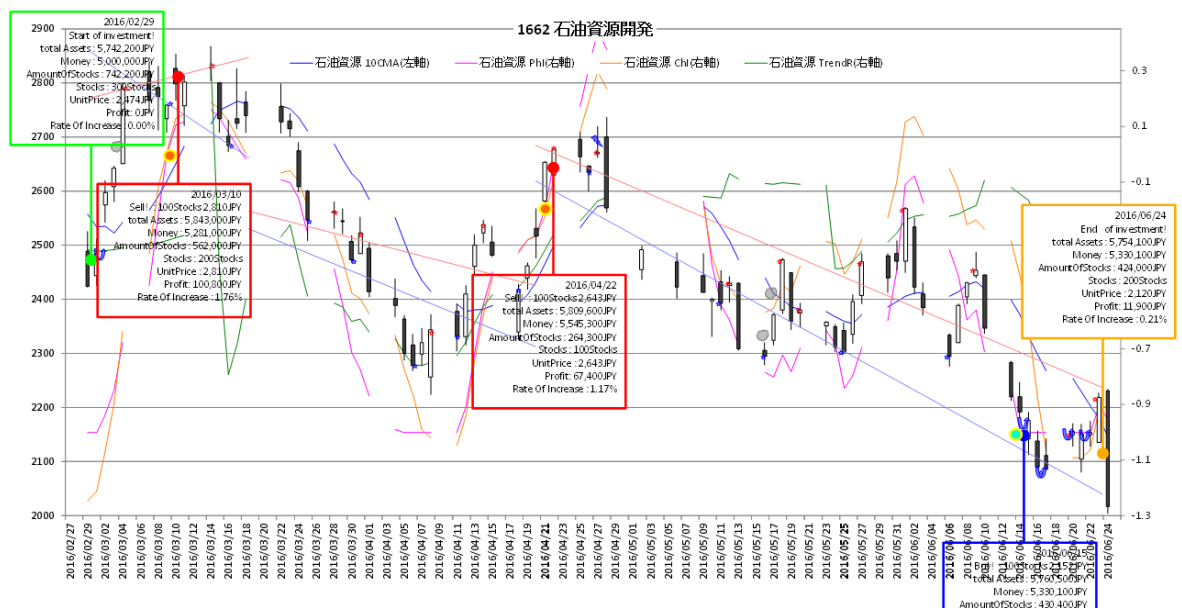


FIG. 2 Display Trading Results on the historical chart

- Display the report of investment.

- 1) Chart

Create a transition is seen chart of assets (left axis) and the stock price (right axis). Light blue is buying force , orange is held equity valuations , the overall height of the stacked bar graph is the transition of the total assets .

- 2) Condition

It displays the index conditions of buying and selling .

- 3) Summary

Summary (at the start of the assets , assets at the end) of the transaction is displayed.

- 4) Detail

It displays the transaction details .

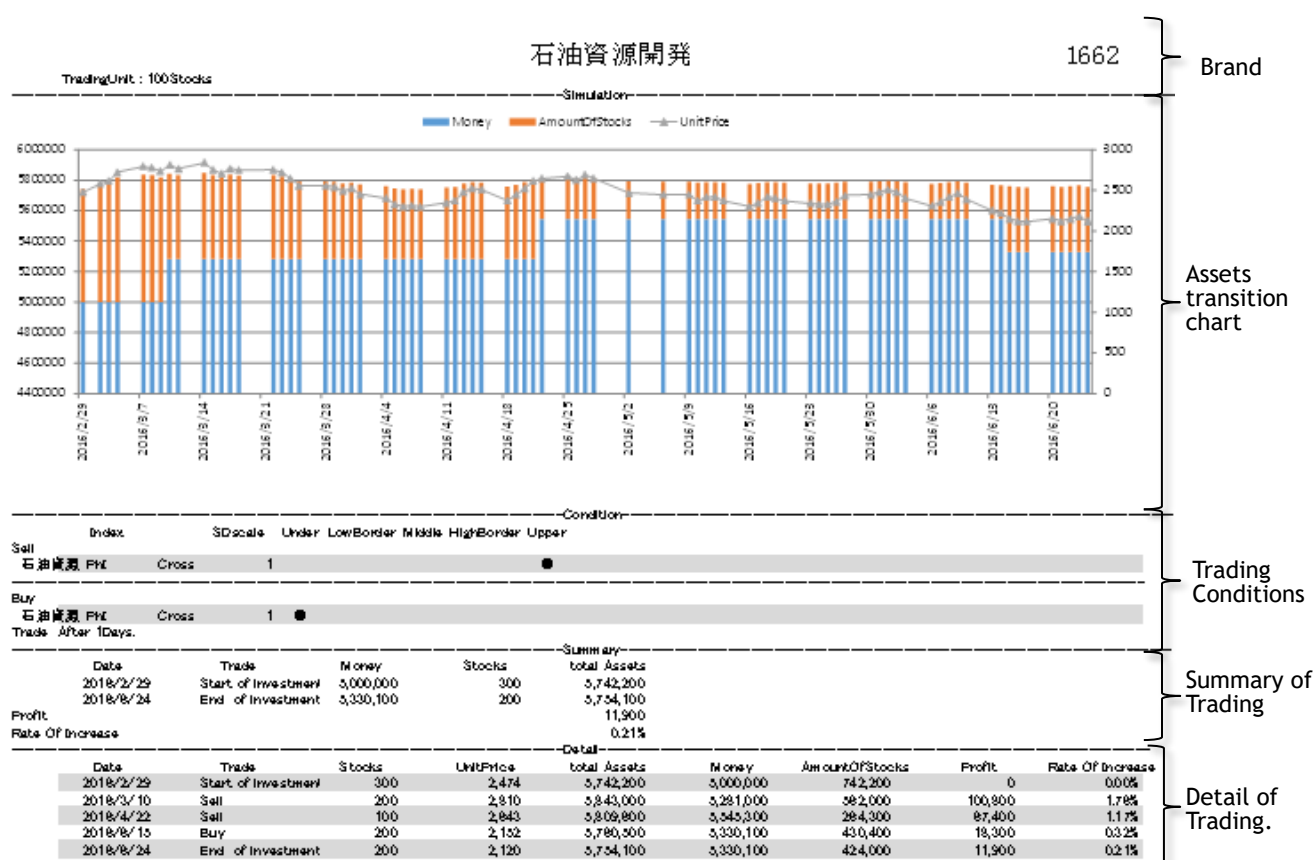


FIG. 3 Trading Report

Finding a promising stocks.

[ScatBrand]

In addition to panoramic views of the market, we will discover a brand with a unique index.

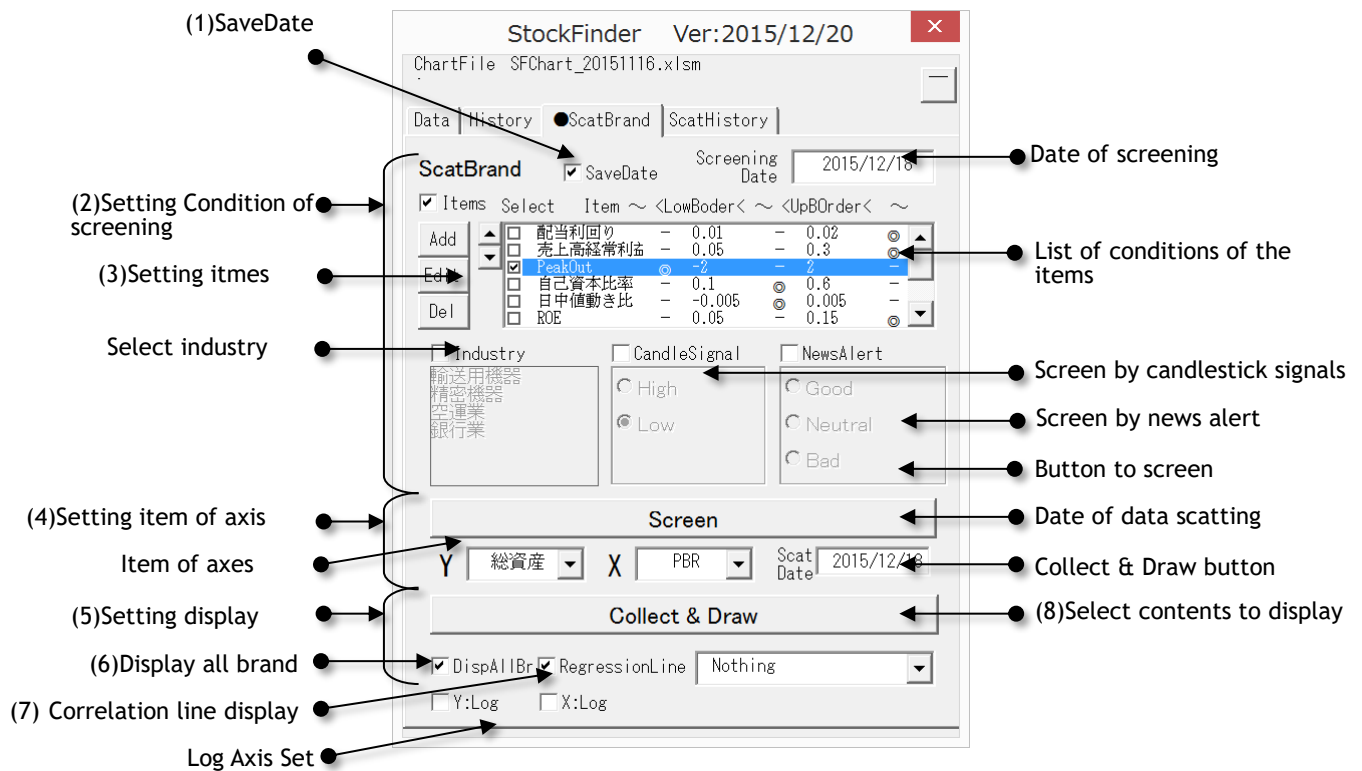


FIG. 4

Overlooking the market, finding a specific brand

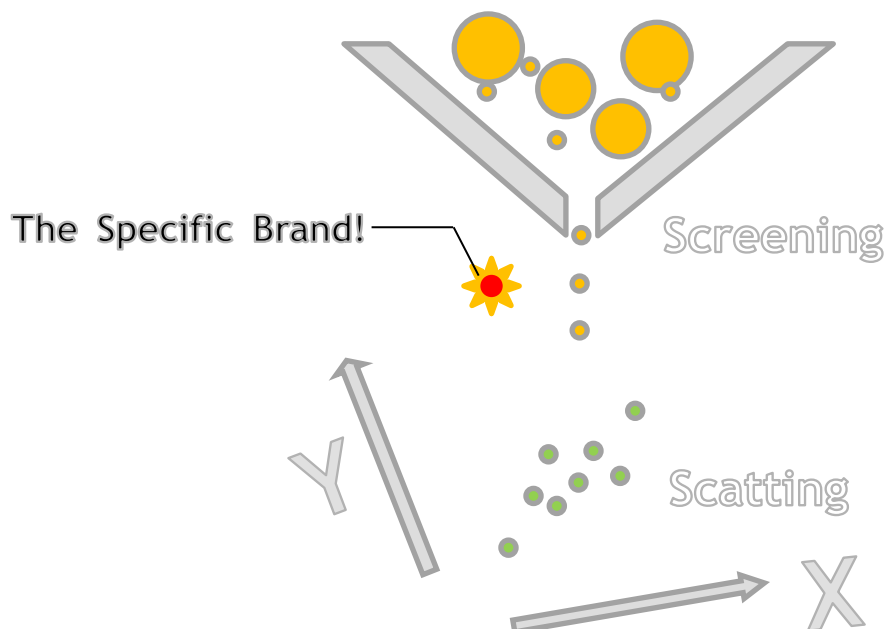


FIG. 19 Scatting with value of items

Narrowing under certain conditions, by spreading further in the index, you can check the position of the brand in the market. Stocks out of the chunks, might close index is modified.

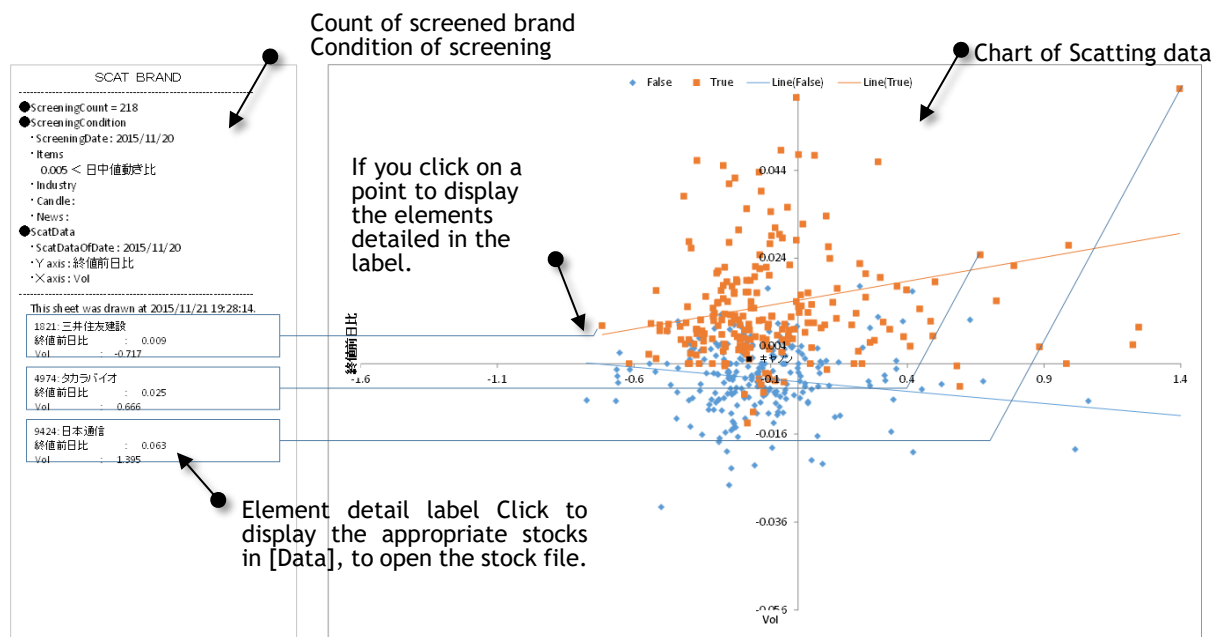


FIG. 6 ScatBrand chart

On the left side of the chart, condition and the number of displays in English.

When you click the spraying has been brand marker, you can view the details elements of the marker on the label. In addition, when you click on the label, and display the appropriate stocks in [Data], to open the stock file. In addition, by looking at its Historical chart, you can see the stock details.

In chart scroller of chart files, you can change the display range. In the initial state, around the averagen of screend brands \pm standard deviation $\times 4$.

Sometimes brand is present on the outside. I think also some of it to discover the unexpected issues.

(1) Save the date

Narrowing and, you can set whether you want to save the date of the data to be sprayed on the chart file. Save and if not, is both the end of the business day is adopted. When the data is not being collected, the chart does not appear. please note. And narrowing date, and it can be set independently of the date of the date of spraying. As a result, it may also be the presence of the items that appear effective can be confirmed by the lapse of time.

(2) Refine setting area

You set the condition of narrowing stocks. We will do the narrowing in the items and industries and candle News. Each condition is satisfied stocks are incorporated grain.

(3) measures setting Refine display stock in the index I.

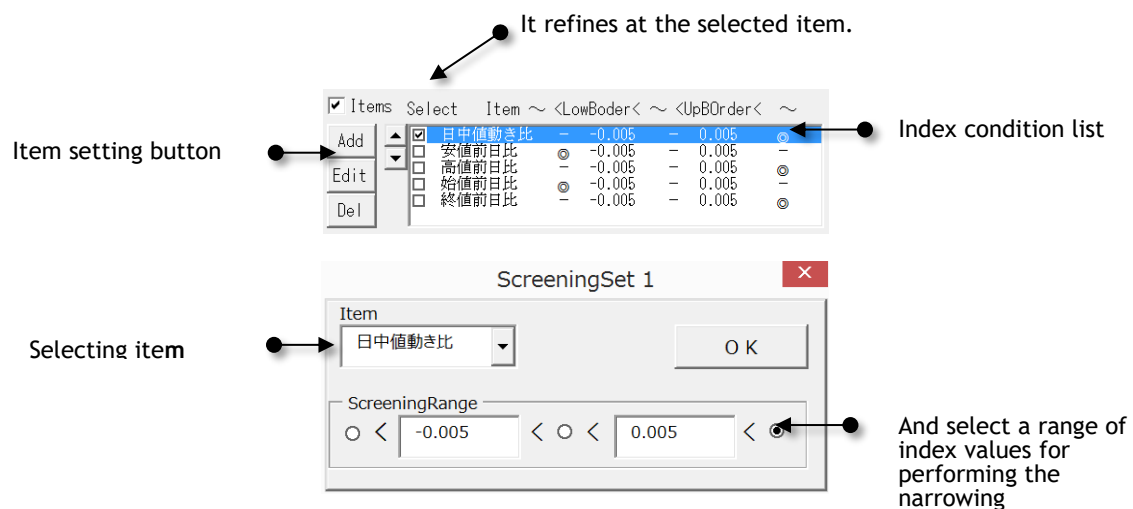


FIG. 7 index settings

(4) Axis settings area

Item of the X-axis Y-axis that adopted in the scatter plot and, I specify the date of scattered data.

Narrowing the case of already, you can re-draw the same in narrowing down by changing the settings of the axis.

(5) Display setup area

ConFIG. display settings. If you change the settings here if you are or if is drawn it is narrowing, and then redraw the chart.

(6) Disp all brand ☒ In both the brand name brands search True and False can be plotted.

(7) Correlation line ☒ Draws a Correlation line.

(8) Marker display selection

Select a view to grant a marker.

0 Nothing no

1 NameOfBrand-DataTab [Data] in the names of stocks that appear

2 CodeOfBrand-DataTab Data the symbol is displayed

3 NameOfBrand-Screened -brand name

4 CodeOfBrand-Screened -brand code

Index linkage. [ScatHistory]

Check the linkage between the index and the index, we can visualize the characteristics of the brand.

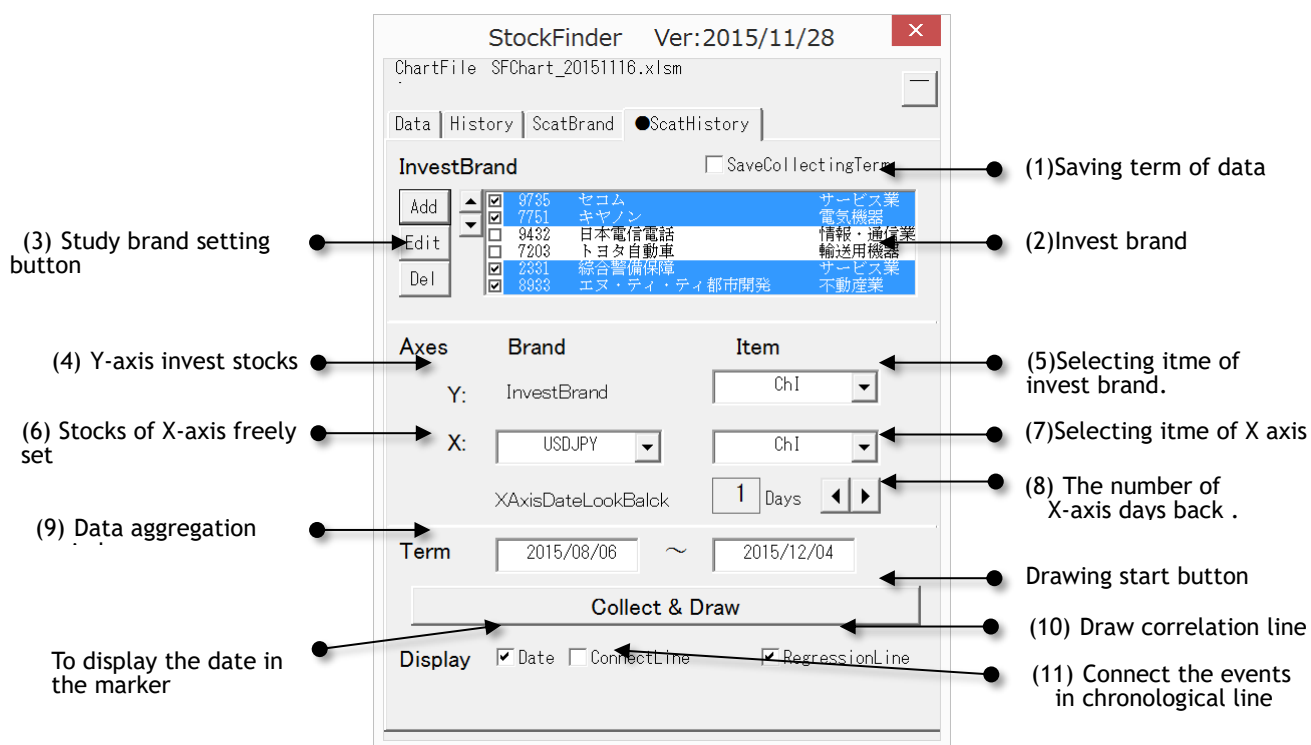


FIG. 8 [ScatHistory]

Know the relationship between items.

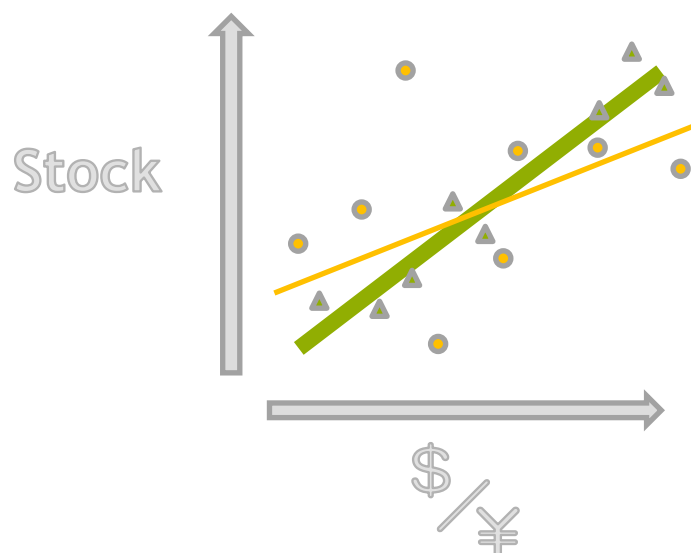


FIG. 23 stock items linked with visualization

If the day before of \$ / Yen is rising, what stock prices or will rise.

ScatHistory will scatter the date. Therefore, in each of the markers, it contains the date information and the index value. The information is displayed by clicking on the marker.

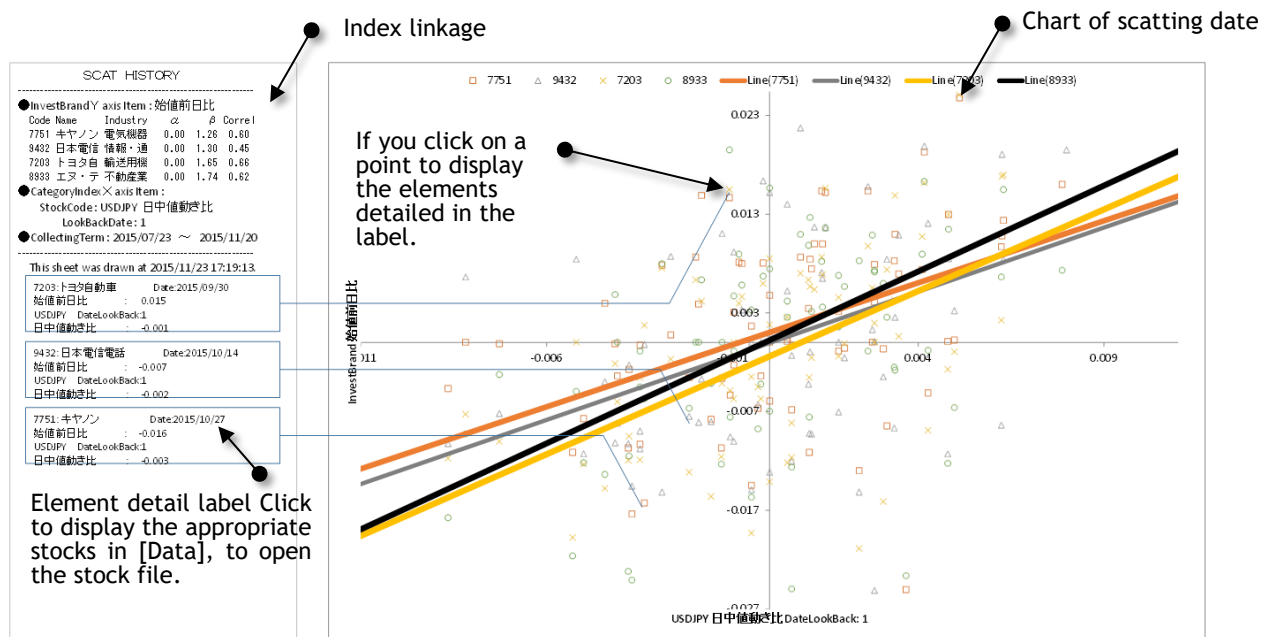


FIG. 9 ScatHistory chart

The slope of the correlation line is I have displayed in **B**. The correlation coefficient, it has displayed in the Correl column. And the magnitude of the correlation coefficient, we have interlocking the thickness of the correlation line. Well in the newspaper, and is picked up is **B** value, I think that points to this **B**. However, the reliability of the correlation, in order to appear on the correlation coefficient, here also can not be ignored. By the way, and also the vertical axis is also horizontal axis plotting with the same index, next to 1 correlation coefficient, it is drawn very thick correlation line.

On the left side of the chart, condition and the number of displays .

Labeling the elements for the marker by clicking Stock markers were scattered. ※

Click the label, and the stocks are shown[Data] , open the stock file.

To see Historical charts, you can learn more about stocks.

(※ It does not react if you are viewing the last of stocks and 2 the following series. Excel unresolved issues)

DateLookBack With is whether the index of supplier data by number of days back, displayed on the Y axis more than several days, have adopted. For example, is used to compare the metrics dates vary, such as Prev. day closing price on the day of or day before NY Dow Jones stock and the stock price on the day of the day \$/ Yen during the day. If 0, it will show the data of the index of the same date.

In chart scroller of chart files, you can change the display range. In the initial state, around the average, and displays up to the range of 2 times the standard deviation. Also I think to be present events on the outside.

Below is a description of the contents of the button.

(1) Save the Term or not.

☒ in time to save. ☐ in the long Term will not be saved, including the last business day x3 business days' worth of data is used. Time to adopt the linkage may be different.

(2) Invest Brand You can compare several investments.

(3) Invest Brand settings button Select the issues to be considered.

(4) Y Axis full stock

Scatter charts for stocks, so secure the Y axis as items of study.

(5) Item of Invest Brand Select the full brand review index.

(6) X Stock Axis / base items set free

X Axis is assumed to set conditions. Therefore, good stocks in particular, and Invest Brand (study on stock) but can be. For example, if you specify here DowJones handles the Dow as the X axis. Data displayed in InvestBrand , if the Y axis is 7751 (Canon) of when Invest Brand is 7751 (Canon) next l.

(7) X Select the axis stock items X Select the measures to adopt to the axis.

(8) X Specifies the axis back days.

Japan stock prices are affected by movement of the day before the NY market. Therefore, is directly affected by the items 1 days ago. The number of days back be 1 .

(9) Data collecting Term

It is time to summarize the data. I think sometimes the duration vary the correlation.

If check off Term of retention is form the long term × 3 days ago to most recent day.

(10) Draw a correlation line

Scattered data correlation line draw. The thickness of the line is proportional to the correlation coefficient.

(11) Connect the events in time line

Connect the straight point of date.

SignUp

In automatic patrol, won the most valuable time

Automatic patrol by the brand list becomes available by signing up.

Describes the steps to sign up.

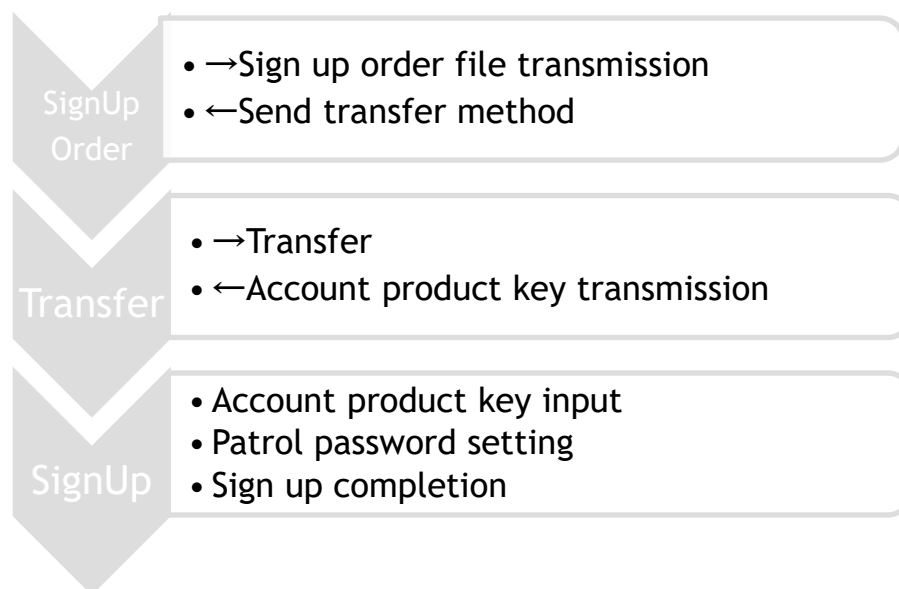


FIG. 25 sign up procedure

[Data] Shows sign-related buttons in the lower-left corner. By default, labeled "SignUpOrder".

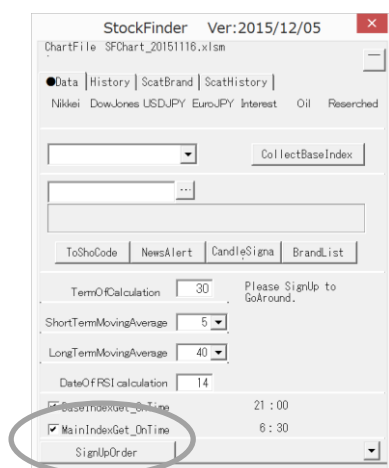


FIG. 10 SignUpOrder

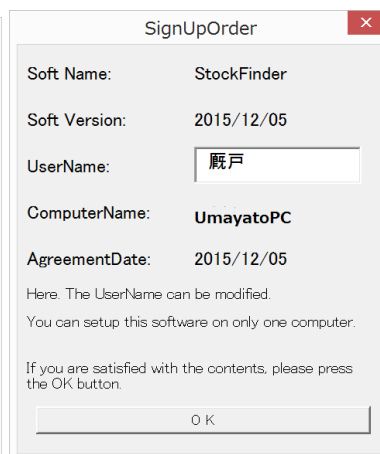


FIG. 11 Making Order File

Left order file creation screen appears and press the button. It is possible to register a user name shows the user names that are registered on your computer, but on this screen and your PC user name under another name.

Folder with its contents and press the OK button on the screen shown in FIG. 26 , registered StockFinder.xlsm , creates a file named SF_SignUpOrder.txt .

1-1 File attached to the email, please contact OFFICE-KATSUYAMA .

1-2 We send invoice of payment of registration fees. If different from billing address and transfer your name and user name, in the 1-1 email please email us.

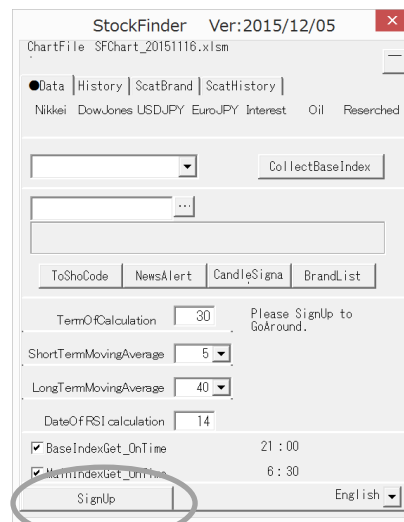


FIG. 12 SignUp

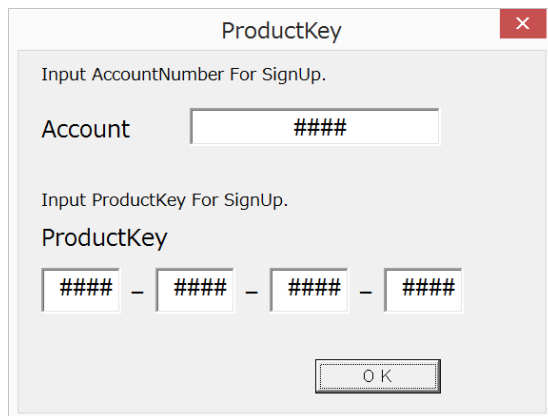


FIG. 14 Enter the account and product key

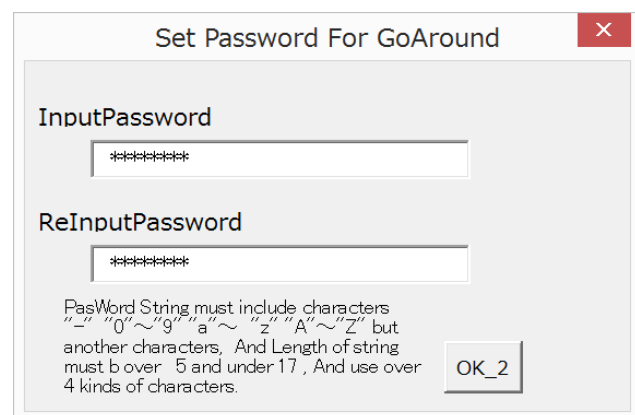


FIG. 13 Go around password setting

When you press the "SignUp" button, you are first displayed account product key input screen of FIG. 29. Please enter the received information there. Product key, case letters, numbers, "-" is made up of. Number of characters is a total of 16 characters in the 4-digit \times 4.

In the following, **FIG. 30** by enter tour password. It is recommended to enter every time when you start soft circuit password is to take notes or a catchy string.

Ensure the password contains 6 characters or more and less than 16 characters , alphabet, numbers and consist of more than4 characters.

Sign up registration is available at an additional cost. We hope you consider and you can understand in order to recover the cost for developing software. No longer required due to automatic, stuck on the PC for data collection more brands, it's time to relax, read a book or a meal, and leads to cost is the most important time savings. A round a couple of times and costs will be recovered.

Sign up is available only in the personal computer software that creates theSF_SignUpOrder.txt file. Thus, sign-up is required for each computer to perform the automatic patrol. Also, when you change the ComputerName of personal computer, so you will not be able to automatic patrol, please note.

-Upgrade

Software for quality improvement, occasionally to upgrade.

Stock price data takes over, we will continue to save in the format of the new version.

Already if it is to sign up, you will need to migrate to sign up information to the new version of the software. We'll explain the procedure for that.

Do not suddenly, then copy over the new version of StockFinder.xlsm .

4-1 Just in case, it will back up the sign-up has been StockFinder.xlsm to another folder.

4-2 Press the button VerUp. Then, SF_VerUpFrom_##### in the same folder as the StockFinder.xlsm. File is created that.xlsx.

4-3 Copy in the same folder over the new version StockFinder.xlsm

4-4 To launch the newly copied StockFinder and sign-up information is transferred to the new StockFinder .

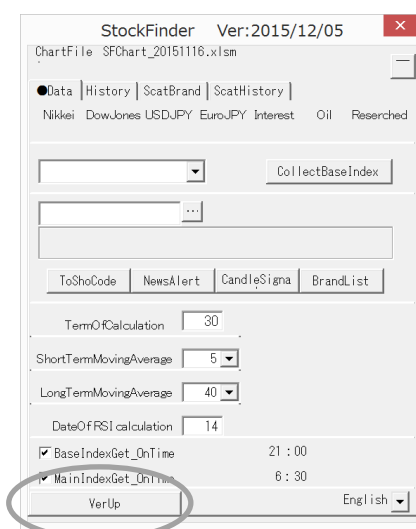


FIG. 15 VerUp

※ version up is effective until one year after sign up. Please be retaken again account thereafter. Please let us know if you have a previous account. We will apply the discount.

In the end.

Time is money.

There are several sayings about quotations.

“Hear the market rate.”

Analysts subject to the securities company. Securities companies want getting ashore at a high price a dangerous holding. We securities companies are allowed to say to analysts. “Stock is still up!”.

“Buy and sell the case with 80% satisfaction.”

By greedy is, it will fail.

“Buy time than buying stocks.”

There is a buy stock timing Masu between them. Whether now’s the time, such cheap, let’s determine whether such The time high. Let’s be calm.

The following purposes, we have developed this software. that the user can change the parameters. Market conditions and trends from various perspectives, to be able to analyze the tide. Therefore by the user’s settings, and retrieved a different result. Please discover an easy-to-use analytical methods on your own. This software is the hope even to the help.

In addition, we look forward to your order of sign up.

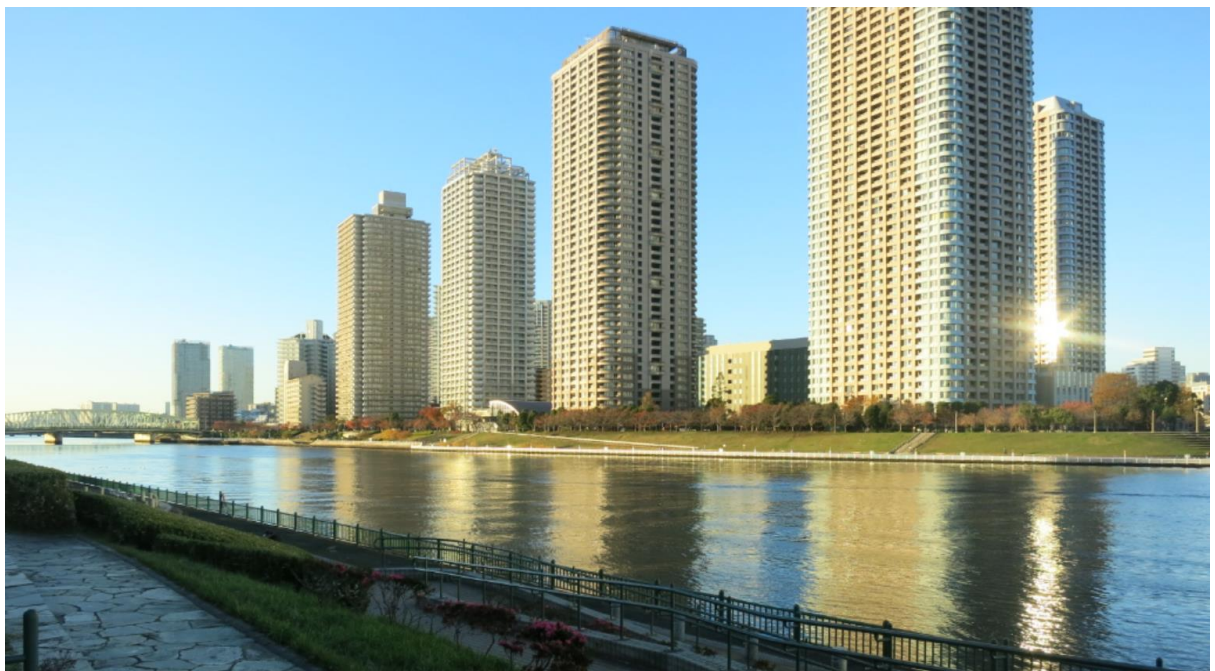
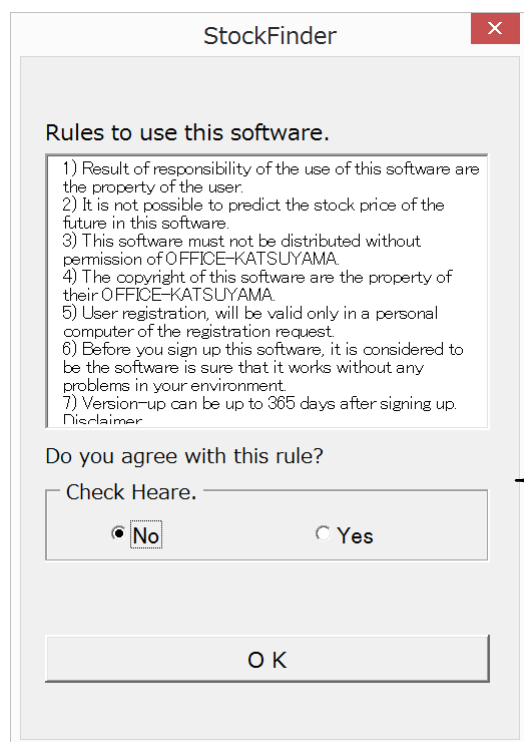


FIG. 32 The morning of Sumida River Tokyo

In order to use the software thought it possible, but we have set rules. Software using the language settings after theonce the following menu appears and does not agree with the rules, not available. Status menu is not visible, due to this manual, the software users agree to these rules and conditions. If you do not agree please refrain from using it.



Rules for using this software

- 1) Result of responsibility of the use of this software are the property of the user.
 - 2) It is not possible to predict the stock price of the future in this software.
 - 3) This software must not be distributed without permission of OFFICE-KATSUYAMA.
 - 4) The copyright of this software are the property of their OFFICE-KATSUYAMA.
 - 5) User registration, will be valid only in a personal computer of the registration request.
 - 6) Before you sign up this software, it is considered to be the software is sure that it works without any problems in your environment.
 - 7) Version-up can be up to 365 days after signing up.
- Disclaimer
- 1) The failure by design change Microsoft side.
 - 2) The problems caused by change of stock price information provided home side.
 - 3) The problems caused by changes in the Internet environment.

FIG. 16 Agreement confirmation to the rules.

※If there is a difference between the language of the accompanying documentation, the description of the Japanese version of the positive.

2015/12/5 The first version (Ver2015/12/05) published.

2015/12/14 Add the following stock index as an indicator which can be used in the shaft.

・EPS・BPS・売上高(amount sold)・営業利益(operating profit)・経常利益(ordinary profit)・当期利益(net income)・一株配当(dividend Property)・総資産(total assets)
・純資産合計(total net assets)・時価総額(aggregate market value)・株式益回り(earnings yield)・売上高経常利益率(Ordinary income to net sales ratio)

2015/12/20 You can select Log Axis in Scat Brand.

2015/12/30 Set change the display range of the scatter to average \pm standard deviation $\times 4$ Refine stocks.Previously, it was the mean \pm standard deviation $\times 4$ of all issues.(Which is too wide. Refine the results can not be seen well.)

2016/1/17 Add the Shanghai stock index and the VIX short-term futures index in the basic index.

2016/1/22 Add the NikkeiVindex in the basic index.

2016/3/13 Add the JPX Nikkei index 400 in the basic index .

2016/4/25 Add the TrendR (Trend \div LongTermClosingMovingAverage) $\times 100$ to StockIndex .

2016/5/10 On TrendR Index , I set a peakcut to move upper -1.0 under +1.0 .

2016/5/30 Index as " TrendC " and " PeakOut " , in order to align the range of other indicators and value , numeric value divided by 100 , so as to remain at -1.0 to + 1.0 , set the peak cut.
(In order to match the past indicators of stock data in the current , set long enough the index calculated the number of days only once .)

2016/6/25 Add the operation simulation function .

2016/9/24 Description of function is to be displayed on the operation panel.

2016/10/07 Due to the HP site disappearance of the grain index-linked shares issued trust” 穀物指数連動受益証券発行信託”, removed from the basic index.

2016/11/05 Delete the JPX400 from basic indicators. Change some of the ScatBrand menu.

2016/12/03 I add new Index : ChR Vor PhR.

2017/4/5 I correspond to Nikkei newspaper HP specification change.

2017/11/2 Add the image capturing button on the operateion panel

2017/12/5 Using ScatBrand ,

if [☐All Brand]is off, SF will collect only X Y data of screening condition True .

Then spending time will be short.

If change [☐All Brand] to [☒All Brand] then you must do sceening again.

Contact...

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