

Advanced metatrader

Thursday, March 31, 2011
8:08 AM

Trade Simulator V-Hands

<http://www.forexfactory.com/showthread.php?t=60849>

Here is a great tool to help you get experience faster, by trading on a simulated market. You can enter and exit trades like you would in a real market, so it gives you a more realistic feeling.

You can speed it up, and slow it down as well. I have been able to practice trade a month in about 1 hour using this tool.

The system runs in MetaTrader 4

When learning to trade, there's no substitute for experience. A trader who has spent many months trading a live market will have a feel for the market that is almost impossible to explain.

They will see the pitfalls in some situations by just recognising similar price action. If you have this experience, you will know exactly what I'm talking about, if you don't have it yet, you won't.

A live market is very different from looking back through charts or backtesting. When you backtest, you can see the bars that are coming, and there is no real stress involved. It's easy to see what signals would have worked, and which ones did not. When it comes to trading for real, you can't see what's coming, and that is a very different dynamic indeed.



Using this tool, you can trade a few months in only a few hours and then easily print out the results, and see how you well you did. You can also make mistakes and recognise them in a safe situation.

Granted it's not as real as using live money but its 10 times more realistic than backtesting. If you treat it as a challenge, it actually creates a pretty realistic view of how well you could potentially do with any system or method.

I personally think it's the second best learning aid there is. Number 1 is live trading but that can be expensive!

NOTE: Please Vote/Vouch for this thread so it can be taken out of the under evaluation thred. Thanks!

Attached Files

-  [Trade Simulator Files.zip](#) (37.4 KB, 6094 views)
-  [Trade Simulator Installer.zip](#) (120.0 KB, 6508 views)
-  [Trade Simulator setup.pdf](#) (376.4 KB, 13478 views)

Hi,

EA to practice my trading on a demo account. I decided to share it on forexfactory!
Any questions are welcome.

What does it do?

- Use your keyboard to enter/exit trades with a pre-defined settings.
- Draw horizontal/trend lines on your chart to enter **and** exit trades with a pre-defined settings.
- EA takes **screenshots** of the instances of when you enter the trade **or** exit the trade, so that you can study them later.
- Draw a line anyhow you want, whether it's a horizontal line or trendline tool. When price reaches it, it will alert you.
- More EA features to be added later on...

How to run the EA:

- You **need** the below 2 attachments for the EA to work:
- "**Save**" the "Strategy Developer EA" file into the *LocalDisk_C\Mt4_Directory\experts* folder.
- "**Save**" the "Strategy Developer DLL" file into the *LocalDisk_C\Mt4_Directory\experts\include* folder.
- Restart your MetaTrader 4.0 Platform.
- In options, make sure your MT4 allows DLL.

Input features of the Expert Advisor:

- PHP Code:
`extern bool Take_ScreenShots=true,
Alert_On_Line_Entry=true,
Email_On_Line_Entry=true;
extern int SecondsBetweenAlerts=5;`

```

extern double LotSize=0.1;
extern int Slippage=100,
    SafetyStopLoss=30,
    SafetyTakeProfit=30;
extern color TextColor=Red,
    LinesInfoColor=Orange,
    ShortcutsColor=Yellow,
    AccountInfoColor=RoyalBlue,
    AccountAnalyzeColor=Violet;
extern bool Show_Broker_Time=true,
    Show_Line_Shortcuts=true,
    Show_Trade_Shortcuts=true,
    Show_Account_Text=true;
extern string FontStyle="Calibri";
extern int FontSize=11.5;

```

- More input features to be added later on...

How to use the Expert Advisor in trading:

- In EA inputs, set your pre-defined properties.
- Shortcut keys: Press "alt+b" to buy. Press "alt+s" to sell. Press "alt+b+e" to buy exit. Press "alt+s+e" to sell exit. Press "alt+d" to delete trade objects. Press "alt+d+a" to delete all manual objects drawn on chart **and** the trade objects.
- To see EA screenshots, go to: *LocalDisk_C/Mt4_Directory/experts/files/screenshots* folder.
- To get alerts off of lines, create a horizontal/trend line on the chart. After that, go to its properties. Then, in the "name" part, type in "*alert_above*" (meaning when price above, then alert) **or** "*alert_below*" (meaning when price below, then alert). When a line is hit, an alert will go off every "SecondsBetweenAlerts" seconds (this is an external parameter) until you delete the line. Multiple alert lines can be created. For example, if you would like another "alert_above", name the 2nd one "alert_abovebrownfox"...just make sure "alert_above" is first in the string of the name part.
- To enter trades off of horizontal/trend lines, create a line on the chart. Then, go to its properties. After that, in the "name" part, type in "*buy_above*" (meaning when price above, then buy), **or** "*buy_below*" (meaning when price below, then buy), **or** "*sell_above*" (meaning when price above, then sell), **or** "*sell_below*" (meaning when price below, then sell). When that named line is placed, it will turn **blue** and when it is breached and traded on, it will turn **red**. You can also set the "Alert_On_Line_Entry"/"Email_On_Line_Entry" parameter to true to alert/email you when price trades on the horizontal/trend line. Only 1 buy entry and 1 sell entry line allowed simultaneously.
- More EA features coming soon...



Tips:

- Don't over-command the EA, for example: pressing keys to buy and then pressing keys to exit the buy (even though EA didn't buy yet).
- When exiting the buy trade, for example, press alt+b+e, but make sure not to press alt+b in accident to now open the buy again. Any suggestions to make this easier for anyone: please do share.
- More coming soon...

Here is a glimpse of the chart using **SOME** of the awesome features:



Here is how the screenshots will help you analyze your trades. You can see your buy open and buy exit in this example here:





That's pretty much it. I hope it's helpful for most of you members here!
If you have any questions, feel free to ask them.

If you have any suggestions for the EA, feel free to **share** them!

Oksana17.

Attached Files

- 📎 [Strategy Developer v2.ex4](#) (26.0 KB, 490 views)
- 📎 [Strategy Developer DLL.ex4](#) (848 Bytes, 476 views)

MT4 navigational tips and techniques

(NEW MATERIAL IN **RED TYPEFACE**)

Hi all

The following post used to be a sticky in the MetaTrader forum, but it appears to have been lost. Hence I'm re -posting it here.

Use of the mouse and mousewheel, and their keyboard equivalents

Scrolling the chart

Hold down the left mouse button and drag the mouse in the main chart area, to scroll left/right.

Or you can also simply roll the mousewheel down/up, or use the left/right arrow keys, to likewise scroll the chart view left/ right.

To scroll a whole screen at a time, use **Page Up** (scroll left) and **Page Down** (scroll right).

To reposition to the leftmost bar on the chart, press **Home**. To reposition to the most recent (rightmost) bar, press **End**.

To step forward one bar at a time, press **F12**.

To step backward one bar at a time, press **Shift-F12**.

Scrolling a chart *beyond the leftmost bar* will add historical bars to the beginning of the chart, until no more are available from MT4's historical database.

Moving directly to a certain date/time

To re-position immediately to a certain date, press **Enter**, then type in the date in the form DD.MM.YY and press Enter again. Leading zeros can be omitted (e.g. to move to 4 July 2005, type 4.7.5). To re-position to a certain date/time, use the format HH:MM or DD.MM.YY HH:MM (e.g. to position to 8:07am TODAY on a 1-min chart, simply type 8:7).

You can also use the "Fast Navigation Box" to change either the currency symbol, or the period, thus:

Code:

1. time (hours:minutes) example: 08:30; 8:30;
2. date example: 2004.10.16; 16.10.2004; 16.10.04;
3. date and time example: 2004.10.16 8:30; 16.10.2004 8:30; 16.10.04 8:30;

- 4. symbol example: GBPUSD; EURUSD;
- 5. chart period example: M1; M5; M15; M30; H1; H4; D1; W1; MN;
- 6. symbol, chart period example: GBPUSD, M30; EURUSD, D1;

Vertical zoom and re-scale

You can re-scale the chart vertically by moving the mouse into the vertical axis area at the right of the screen, and then dragging downwards (with the left button held down) to compress the chart bars, or dragging upwards to expand them. Double click to reset the chart to its original scale.

Horizontal zoom and re-scale

Similarly, you can adjust the width of the price bars by moving the mouse into the horizontal axis area at the bottom of the screen, and then dragging right (zoom in) or left (zoom out). Or simply use the "+" and "-" keys to achieve this.

Indicators

Double-click on or near indicators with the left mouse button, to call their parameter setup windows.
Right-click to call the indicator's context menu.

If the screen is cluttered with overlapping indicators and/or objects, making it too difficult to select the desired indicator, press **Ctrl-I** to call up the Indicators dialog window. Double click (or click the Edit button, or **Alt-E**) on the indicator to edit its properties (parameters, colors, etc), or click the Delete button (or **Alt-D**) to remove it from the chart. You can use the **Home**, **End** and **Page/arrow Up/Down** keys to navigate up/down the list.

Objects

Double-click on or near an object (line studies, texts, arrows, geometric shapes) to select the object. Once selected, you can move an object by left clicking on it (or in the case of a trendline or shape, its center handle) and dragging it to the desired destination. Shapes, trendlines, channels etc may be extended by dragging the handles on the relevant edges. The number "X/Y" appears, where "X" = the width of the shape in candles, and "Y" = the height of the shape in pips. Right-click on a selected object to open its context menu.

If the screen is cluttered with overlapping indicators and/or objects, making it too difficult to select the desired object(s), press **Ctrl-B** to call up the Objects dialog window. Left click the check boxes on/off to select/deselect relevant object(s). Double click (or click the Edit button, or **Alt-E**) on an object to edit its properties (parameters, colors, etc), or click the Delete button (or **Alt-D**) to remove it from the chart. To quickly delete a whole block of objects, repeatedly press **Alt-D** or hold it down (careful, they disappear rather quickly!) You can use the **Home**, **End** and **Page/arrow Up/Down** keys to navigate up/down the list. Click on the 'Name' or 'Description' heading area to sort by name, or description, respectively. Left-click to select an item. You can use Ctrl-click to add individual items to a selection, Shift-click to add a group of consecutive items, or press **Ctrl-A** to select all items. Then click the Edit button (or press **Alt-E**) to edit all items in the group consecutively, or the Delete button (or press **Alt-D**) to delete all selected items simultaneously (careful!).

Alternatively, from the chart window, press **Backspace** repeatedly to delete the most recently added object(s) on a last-added-first-removed basis (useful if you want to quickly check out a Fibo or regression channel, then remove it). Then press **Ctrl-Z** to undo any accidental deletes, in reverse order. Or press the **Delete** key to remove ALLSELECTED objects.

Parallel Trendlines

Ctrl + left click on a selected trend line to draw a parallel trend line (create a channel). Can also be used with vertical and horizontal lines.

Duplicating objects

The 'Parallel Trendlines' concept extends to **ALL** objects (vertical, horizontal and trend lines; shapes - triangle, square, ellipse; text and labels; arrows and symbols; and studies like channels, Fibo, Gann, Pitchfork, etc). Here's how to duplicate any object:

- Select the object by clicking on it**
- While holding down the **Ctrl** key: move the mouse over any one of the object's handles, and, holding down the left button drag the mouse to where you want the duplicated object to be located

This shortcut also duplicates all of the properties of the parent object, e.g. if you have red, green and blue objects, and you want to create a green one, simply duplicate it. This is quicker than creating a new object, and then changing its color to green.

**** Object selection options**

Press **Ctrl-O** and then select the 'Objects' tab.

-- "Select object by single mouse click" - if checked OFF, you must double click to select an object, and right click to modify its properties. If checked ON, single click to select an object, and double click to modify its properties.

-- "Select object after creation" - if checked ON, any object is automatically selected immediately after you create it.

-- "Show properties after creation" - if checked ON, the property modification window for the object is displayed, immediately after you create the object.

OR

Press **Ctrl-B** to display the objects list. Click on the checkbox (at left) for each object you want selected.

Information Bubble

Hover the mouse cursor on or over an element, object or indicator to see the prompt (help information bubble).

Crosshair mode, and ruler tool

Click the mousewheel to switch cursor to the "crosshair" mode.

This can also be achieved by pressing **Ctrl-F**, or selecting the crosshair icon from the toolbar. The crosshairs also display vertical (price) and horizontal (date/time) co-ordinates at the right and bottom of the chart.

Simply left-click to exit crosshair mode.

Now, here is something extremely useful that I haven't found in the on-line help:

While in crosshair mode, hold down the left mouse button and drag the mouse to obtain a ruler-type tool that measures vertical (number of pips) and horizontal (number of bars) from the center of the crosshairs. The tool displays counters in the form "A/B/C" where A is the number of bars right or left of the crosshair, B is the number of pips from crosshair to cursor, and C is the price at the cursor.

I find "B" extremely useful for measuring the number of pips between any two points, thus:

- 1) move the mouse to the point you want to measure from (the "anchor" point);
- 2) click the mousewheel to enter crosshair mode;
- 3) then hold down the left button and move the mouse to any number of destination points, to see the number of pips between the anchor point and the current mouse destination.

This saves having to calculate this distance manually, as the difference between two prices. Pretty cool!

You can also use this facility to count price bars (reading "A") between any two dates/times.

Reference and anchor points

At the lower left of the chart there is a dark colored arrow. Dragging it with the mouse sets the reference (anchor) point for the chart. Now when you zoom in or out, or even change the timeframe, this point remains anchored at its existing location.

At the upper right of the chart there is likewise a dark colored arrow. Drag it left or right with the mouse to set the location for the last (most current) bar on the chart (i.e. set the amount of empty "whitespace" at the right of the chart).

Removing all indicators and objects from your chart

Load a blank chart (the pair/timeframe doesn't matter), then change the settings (press **F8**) to set colors, grid, etc to suit your preference. Then save this as a template named (for example) **Z**. (menu option: Charts > Template > Save Template.....)

Then, whenever you want to instantly remove all indicators and objects from your chart, simply load template Z, by quickly using the hotkey combination: **Alt-C T Z**

List of hotkeys

There are many other useful hotkeys. Here is a comprehensive list:

Left arrow — scroll chart to the left;

Right arrow — scroll chart to the right;

Up arrow — quickly scroll chart to the left or (if the scale is defined), scroll chart upwards;

Down arrow — quickly scroll chart to the right or (if the scale is defined), scroll chart downwards;

Numpad 5 — restores chart vertical scale to its original default. If the scale was defined, this returns the chart back to its visible range;

Page Up — scroll a whole screen to the left;

Page Down — scroll a whole screen to the right;

Home — move the chart to the start point (first bar);

End — move the chart to the end point (last, i.e. most current) bar;

"-" — zoom out (there are 6 levels of zoom available);

"+" — zoom in;

Delete — delete all selected objects;

Backspace — delete most recently added objects, on a last-added-first-removed basis;

Enter — open/close the fast navigation window;

Esc — close any dialog window;

F1 — open the on line help "Userguide";

F2 — open the "History Center" window;

F3 — open the "Global Variables" window;

F4 — open MetaEditor;

F5 — switch to the next profile;

F6 — call the "Tester" dialog window for testing the expert attached to the chart window;

F7 — call the properties dialog window of the expert attached to their chart window, in order to change its settings;

F8 — call the chart setup dialog window, allowing basic chart parameters, colors, etc to be changed;

F9 — call the "New Order" window, allowing the entry of market, limit, stop orders;

F10 — open the "Popup prices" window;

F11 — enable/disable full screen mode;

F12 — scroll the chart one bar to the left;

Shift+F12 — scroll the chart one bar to the right;

Shift+F5 — switch to the previous profile;

Alt+1 — display the chart as OHLC bars;

Alt+2 — display the chart as OHLC candlesticks;

Alt+3 — display the chart as a line (closing prices only);

Alt+A — copy all test/optimization results onto the clipboard;

Alt+W — call the chart management window;

Alt+F4 — exit the program;

Ctrl+A — arrange all indicator window heights by default;

Ctrl+B — call the "Objects List" dialog window;

Ctrl+C or **Ctrl+Insert** — copy to the clipboard;

Ctrl+D — open/close the "Data Window";

Ctrl+E — enable/disable the attached expert advisor;

Ctrl+F — switch to "Crosshair" mode;

Ctrl+G — show/hide the vertical/horizontal grid;

Ctrl+H — show/hide the OHLC line;

Ctrl+I — call the "Indicators List" dialog window;

Ctrl+L — show/hide volume data on the main chart;

Ctrl+M — open/close the "Market Watch" window;

Ctrl+N — open/close the "Navigator" window;

Ctrl+O — open the "Setup" window;

Ctrl+P — print the chart;

Ctrl+R — open/close the "Tester" window;

Ctrl+S — save the chart prices (OHLCV) in a file having extensions: "CSV", "PRN" or "HTM";

Ctrl+T — open/close the "Terminal" window;

Ctrl+W or **Ctrl+F4** — close the chart window that's currently in focus;

Ctrl+Y — show/hide date (period) separators;

Ctrl+Z or **Alt+Backspace** — undo object deletions in the reverse order they occurred;

Ctrl+F6 — switch to the next chart window;

Ctrl+F9 — open the "Terminal — Trade" window and switch the focus into it, allowing trading operations to be entered via the keyboard.

Attaching indicators to indicators outside of the main price chart

You can attach moving averages and other indicators to indicators on other than the main chart. For example, if you want to use a moving average to smooth RSI, do the following:

- 1) Create a lower window with RSI in the normal manner.
- 2) Open the navigator window (press **Ctrl-N**).
- 3) Click on the "Indicators" heading in the Navigator window, if necessary, to expand it.
- 4) Move the mouse to the "Moving Average" item, then (holding down the left button), drag it (a rectangle appears under the a row cursor) into the RSI window.
- 5) In the ensuing dialog box, got to the "Apply to" drop down, and set this to "First indicator's data". This will cause the MA to be attached to the first indicator in this window, i.e. the RSI.
- 6) Adjust other parameters as desired, and press **Enter**.

NOTE:

-- To create an indicator in a *separate window*, right-click on its name in the Navigator, and select "Attach to a chart".

-- To create an indicator in the *same window* as another, drag it's name into the relevant window.

Adding custom-defined indicators to MT4

One of the most powerful MT4 features is that it has a comprehensive but friendly programming language that allows custom-defined indicators, scripts and expert advisors to be written. Here's how to import an already written indicator into MT4's charting facility:

- 1) Go to a web resource that has the source code for the indicator. A good one is <http://www.xeatrade.com/trading/11.html>

Note the "#A B C D E F G H I J K L M N O P Q R S T U V W X Y Z" index.

So if you want to add (for example) the PPCI indicator to your charts, click on "P" to see all the custom-developed indicators starting with a "P".

Left-click on the PPCI hyperlink. The source code for PPCI appears in the middle of the screen. Left-click inside this window, then press

Ctrl-A to select all of the text, then **Ctrl-C** to copy it.

- 2) Return to MT4, and press **F4** to load the MetaEditor, a tool which allows to create and compile your own indicators, scripts and experts.

3) In MetaEditor, press **Ctrl-N** to create a new indicator using the Expert Advisor Wizard. Select the "Custom Indicator" radio button, and click Next. Type in the name (e.g. PCCI) that you want to use to reference your indicator in MT4, ignore the other fields, and click Next. On the final dialog window, ignore all fields, and click Finish.

4) Now left-click in the body of the screen, press **Ctrl-A** to select all the text, and then press **Ctrl-V** to paste the text you copied back in step 1, completely overwriting the previous text.

5) Then press **F5** to save and compile your indicator.

Hopefully, the message "*Oerror(s), Owarning(s)*" will appear, indicating a "clean compile", i.e. that the programmer wrote the source code correctly, without syntax errors. Press **Esc** to close the dialog box.

Presto! If you now return to MT4, the new custom indicator should automatically appear both in the Navigator, and also under the menu option "Insert > Indicators > Custom" if you prefer to add it to your chart in this manner.

You can also add scripts and experts in the same way. In step (1), select the "MQ4 Scripts" or "MQ4 Experts" hyperlink in the left menu. In step (3), select the appropriate radio button.

Note that these objects are stored in the following folders:

Experts: **c:/program files/<mt4 broker name>/experts**

Scripts: **c:/program files/<mt4 broker name>/experts/scripts**

Custom indicators: **c:/program files/<mt4 broker name>/experts/indicators**

Include (program code, e.g. .MQH) files: **c:/program files/<mt4 broker name>/experts/include**

Templates: **c:/program files/<mt4 broker name>/templates**

Data files: **c:/program files/<mt4 broker name>/experts/files**

NOTE: As an alternative to the above, if you simply copy the .MQ4 file into the relevant folder, and then (exit and) re-start MT4, the expert, script or indicator will automatically be recompiled, and appear in the Navigator.

Some other good sources for MT4 indicators (apart from FF's search facility):

<http://www.forexfactory.com/showthread.php?t=62722> (see ZIP file attached to post #1)

<http://www.forex-tsd.com> (perform a forum search)

<http://codebase.mql4.com/> (perform a site search)

http://www.forexmt4.com/MT4_Indicators/

<http://www.greattradingsystems.com/f...-4-indicators/>

If you want to delete an expert, script or indicator (CAREFUL!), use Windows Explorer to go to the appropriate folder, and delete the relevant file with the EX4 extension. For example, if you decide that you no longer want to use PCCI, delete file PCCI.EX4. That will effectively remove PCCI from the custom indicators list in MT4.

The file PCCI.MQ4 contains the source code for PCCI (which you copied from the web resource), the PCCI.EX4 file is the executable code that was created when you did your compile back in step (5). If you want to re-instate the indicator, all you need to do is reload the source into MetaEditor (press Ctrl-O and open the relevant file), and then press **F5** to compile it, which re-creates the executable file used by MT4.

A more simple way of deleting an expert, script or indicator is by using the Navigator (press Ctrl-N). Click on the item you wish to delete, press the DELETE key, and click Yes to confirm the deletion. Note that this deletes **both** the source (.MQ4) and executable (.EX4) files.

Happy charting!
David

Footnote: the above is repeated in the attached Word doc. If you prefer, you can download the doc, add your own notes to it, and/or print it out for handy reference.

NOTE: More tips [here](#).

Attached Files

 [MT4 navigational tips and techniques.doc](#) (112.0 KB, 1904 views)

Secrets of MetaTrader 4 Client Terminal [[ru](#) | [cn](#)]



Press on F11 to switch to the full-screen mode.



In the full-screen mode, the following hotkeys can be used to open command windows:

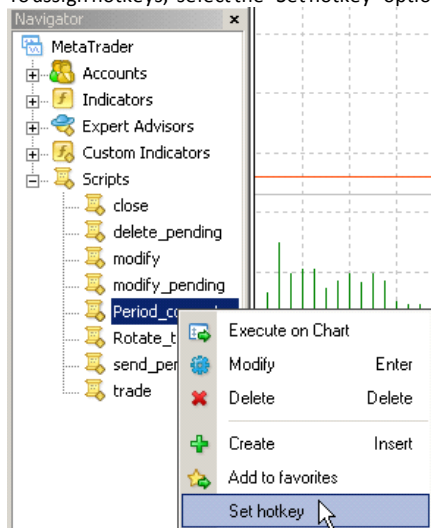
- **Ctrl+M** - Market Watch
- **Ctrl+N** - Navigator
- **Ctrl+T** - Terminal
- **Ctrl+D** - Data window

To return to the normal mode, just press F11 again.

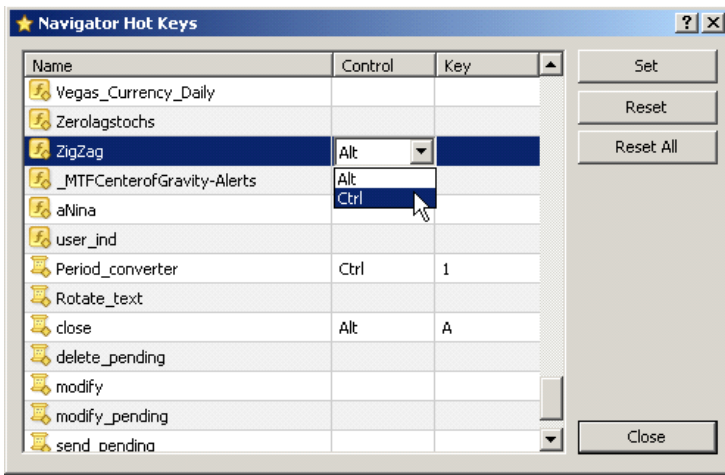
Indicators, experts and/or scripts can be promptly attached to the chart if hotkeys are preliminarily set for them.

This can be very useful in the full-screen mode.

To assign hotkeys, select the "Set hotkey" option in the "Navigator" window context menu.



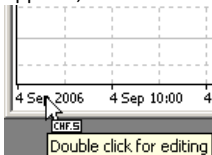
You can select any keys combinations you wish.



For better positioning of the chart on the necessary time, you can use the Fast Navigation line.

To open the fast navigation line, press the spacebar or Enter or move the cursor to the left bottom part of the chart window and, after the sign

appears, double-click with the left mouse button.



Do not forget to disable the chart auto scroll.

Format of commands in the Fast Navigation line for precise positioning of the chart:

- [time (hours:minutes)]
example: 8:30
- [date]
example: 2004.10.16
- [date] [time]
example: 16.10.04 8:30

Using the fast navigation line, one can promptly switch between the chart's symbols and periods. This can be very useful in the full-screen mode.

Format of commands in the Fast Navigation line for switching between symbols and/or periods of the chart:

- [symbol name]

example: GBPUSD

- [chart period]
example: M30
- [symbol name],[chart period]
example: GBPUSD,M30

To execute a fast navigation command, press Enter. To cancel it, press Esc. Only one of the above commands can be executed in the fast navigation line at a time.

A double click with the left mouse button on the "Terminal" window title bar will minimize it to the bar of the current account status.

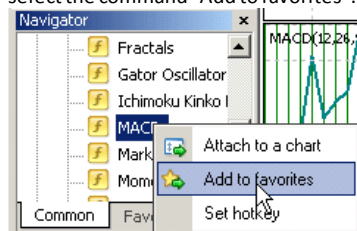
Thus, some additional space will be free for the chart. You can also minimize the window by double-clicking with the left mouse button on the title of any tab in the window.

To restore, double-click in the minimized window or select the "Restore" command in the context menu.

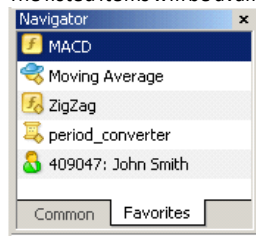


Frequently used indicators/scripts/experts/accounts can be added to the "Favorites" group to have a faster access to them.

To do so, click with the right mouse button on the name of the indicator/script/expert/account and select the command "Add to favorites".



The listed items will be available in the "Favorites" tab of the "Navigator" window.



The traffic can be saved if the unused symbols are hidden.

The symbols can be hidden in several ways:

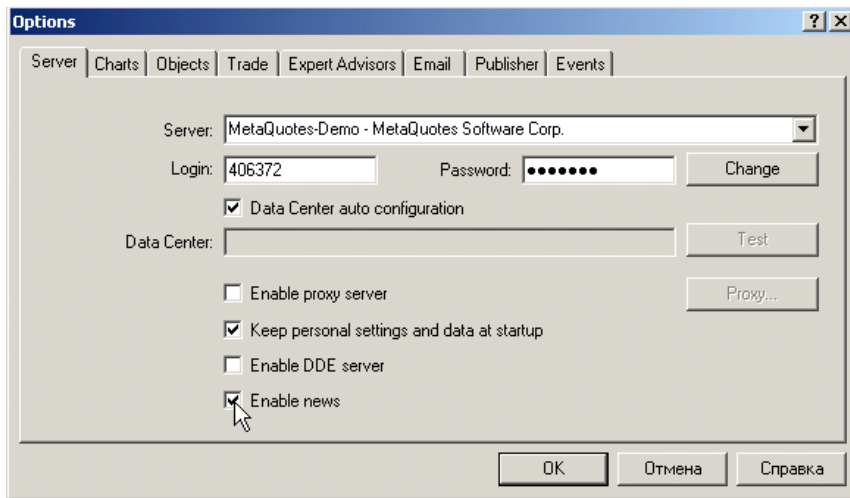
1. Select the "Hide All" command in the context menu of the "Market Watch" window.
2. Select the symbol using the left mouse button and press Delete.
3. Select the "Symbols" command in the context menu of the "Market Watch" window and hide/show symbols in the window that appears.

The symbol cannot be hidden if

- there are open positions or pending orders for this symbol
- the chart has been opened within the current session
- this symbol is used to recalculate cross rates

Traffic will be saved if news are disabled.

To do so, open the "Tools -> Options" menu and unflag the "Enable news" field in the "Server" tab.



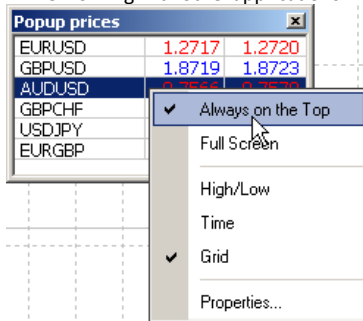
You can create several sets of symbols and switch between them, if necessary.

This can be very useful if you work with different groups of symbols (currency pairs, shares, futures, etc.). Hide all "excessive" symbols and save the set obtained.

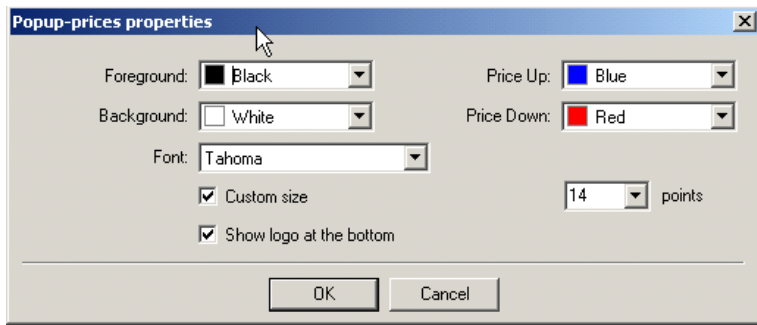


The Poppprices window can be opened by pressing F10.

If you select "Always on the Top" in the context menu of this window, you will be able to watch quotes while working with other applications.

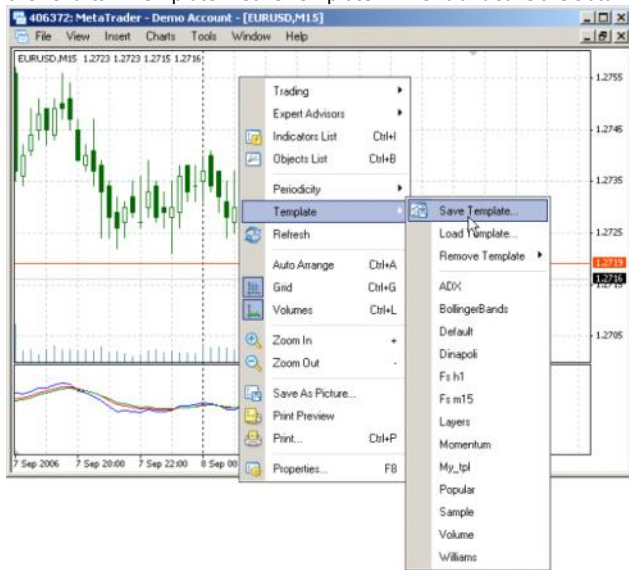


Having selected "Properties..." in the context menu of the Popup prices window, you can adjust its colors and fonts:



Background and bars colors, indicators and objects can be made the same for all charts.

To do so, adjust any chart as you wish: set colors, superpose objects, attach indicators, etc. Then select the "Charts -> Template -> Save Template..." menu and save the obtained template as default.tpl



From this moment, the template will apply to all newly opened charts.

The following can be saved in a template:

- chart type and color
- colors
- chart scaling
- the presence of the OHLC line
- the attached expert advisor and its parameters
- the superposed custom and technical indicators with their settings
- line studies
- separators of days

Specific templates can be created for charts opened from the Tester and for those opened independently.

To create a default template for charts opened from the Tester, you have to save the template as "tester.tpl".



For independent charts, the default template must be "offline.tpl".

The 'Open Offline Chart' dialog box is shown, listing history data for various symbols and time frames. The 'EURUSD, M5 (Every tick)' entry is selected.

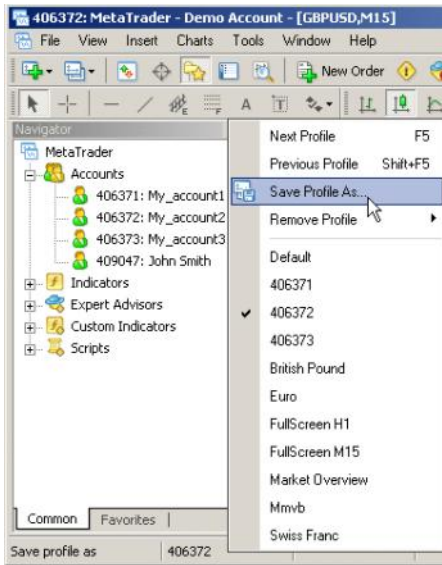
History Data	Bars	From	To
SBER, M30	571	2006.04.27 11:30	2006.06.21 15:30
USDCHF, M1	789	2006.06.22 03:15	2006.06.22 17:39
USDCHF, M15	570	2006.06.14 14:30	2006.06.22 13:45
USDCHF, M30	9562	2005.10.20 17:00	2006.07.28 12:30
USDCHF, H1	1541	2006.05.11 18:00	2006.08.10 10:00
USDCHF, H4	621	2006.02.22 00:00	2006.07.17 08:00
USDCHF, Daily	537	2004.06.25 00:00	2006.07.17 00:00
USDJPY, M1	29166	2006.06.01 00:01	2006.07.26 15:34
USDJPY, M30	9133	2005.10.20 17:30	2006.07.17 14:30
USDJPY, H1	765	2006.03.13 16:00	2006.04.26 17:00
YUKO, M30	573	2006.04.27 10:30	2006.06.21 16:30
_NQCOMP, H1	707	2005.09.20 21:00	2006.02.13 21:00
EURUSD, M5 (Control p...	85565	2006.08.11 02:10	2006.09.08 09:35
EURUSD, M5 (Open prices)	11484	2006.08.11 02:10	2006.09.08 09:35
EURUSD, M5 (Every tick)	106084	2006.08.11 02:10	2006.09.05 15:35

If the "offline.tpl" template is not found when the chart is opened independently, the "default.tpl" template is used. On no "tester.tpl", the embedded settings are used.

If you have several accounts, you can create a special profile for each.

At switching between accounts, the profiles will be opened automatically.

To create such a profile, you have to save it under the name which is exactly the same as the account number.



To call the "Crosshair" object, click the middle button of the mouse or press Ctrl+F. This can be very useful when working in the full-screen mode.

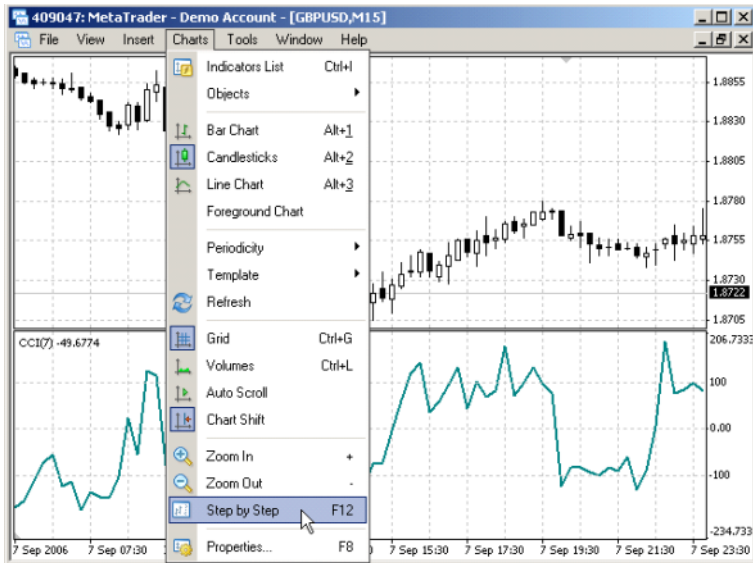
You can check vertical distances and the amount of bars between two points using the ruler. To do so, select the "Crosshair" object, click with the left mouse button on the first point in the chart and drag the cursor to the second point.



The first number (23) is the count of bars, the second number (157) is the vertical distance in pips, the third number (1.8705) is the bid price in the second point.

Use F12 to page through the chart bar by bar.

This function can be very useful when you develop and test your own trading strategy. Just open the chart at the very beginning of the history (press Home) and page through it bar by bar.

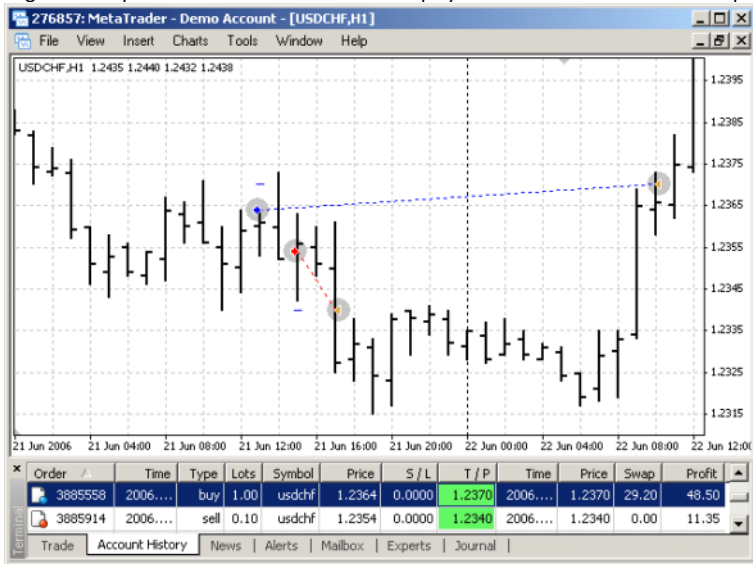


Shift+F12 will page through the chart backward.

Closed positions and deleted pending orders can be displayed in the chart.

To do so, go to the "Account History" tab in the "Terminal" window and drag the order to the chart using the left mouse button. It is necessary that the symbol history of the selected order is downloaded from the server. If the order is dragged to another symbol chart, it will be replaced with the selected symbol chart.

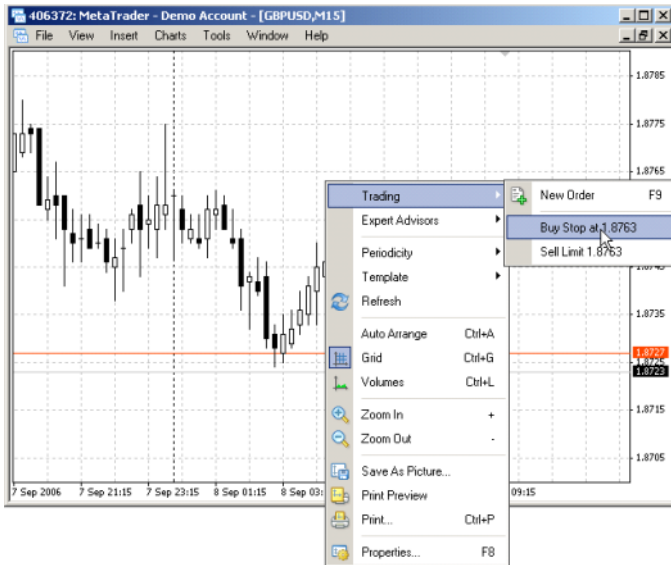
The order is displayed in the chart as order opening and closing/deleting arrows joined with a trendline segment. StopLoss and TakeProfit levels are displayed in the vertical line with the open price.



If Shift is pressed at the moment of dragging, all positions for the symbol of the selected order available in the "Account History" tab will be displayed.

There is no need to remember conditions, on which the type of pending orders to be placed depends.

Just click with the right mouse button on the desired point in the chart where you would like to place the order and select the "Trading" command in the context menu. You will see the types of pending orders that can be placed in this selected point.



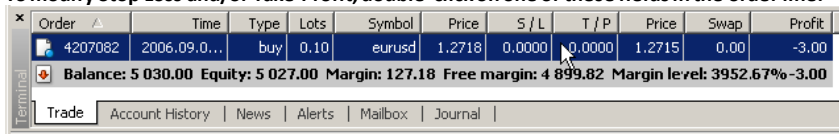
After one of the types has been selected, the window of order creation/modification with partly filled fields will open. It just remains to specify Stop Loss and/or Take Profit values.

Chalk Up

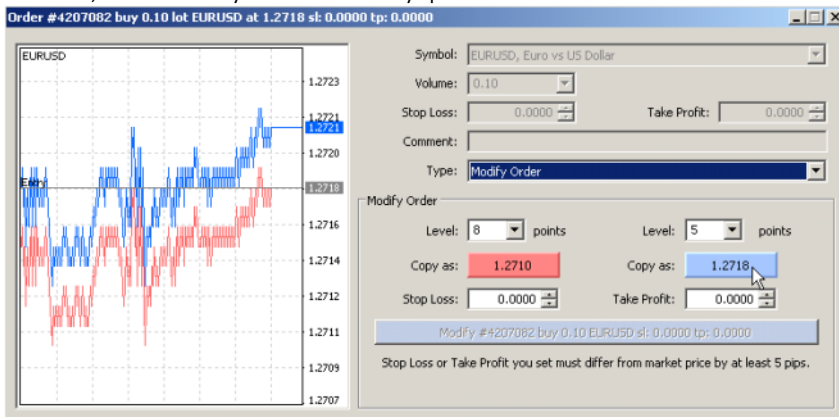
Pending orders can be of four types:

- **Buy Limit** — the current price level is above the value of the order to be placed.
- **Buy Stop** — the current price level is below the value of the order to be placed.
- **Sell Limit** — the current price level is below the value of the order to be placed.
- **Sell Stop** — the current price level is above the value of the order to be placed.

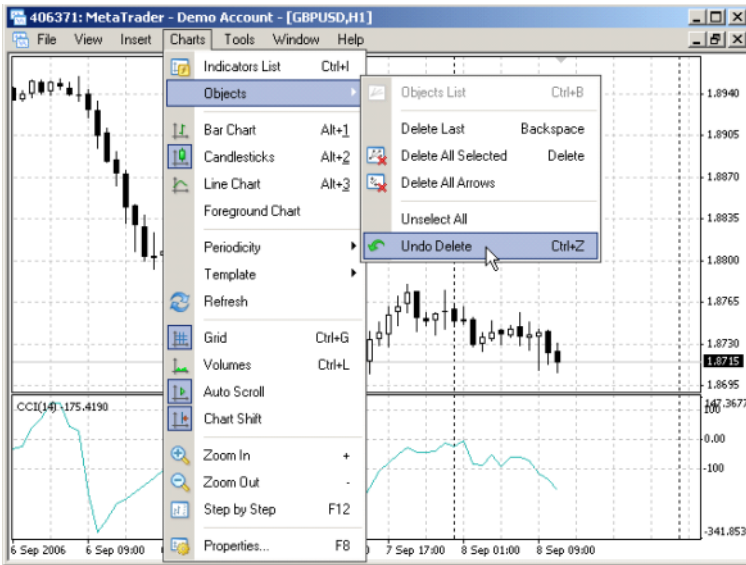
To modify Stop Loss and/or Take Profit, double-click on one of these fields in the order line.



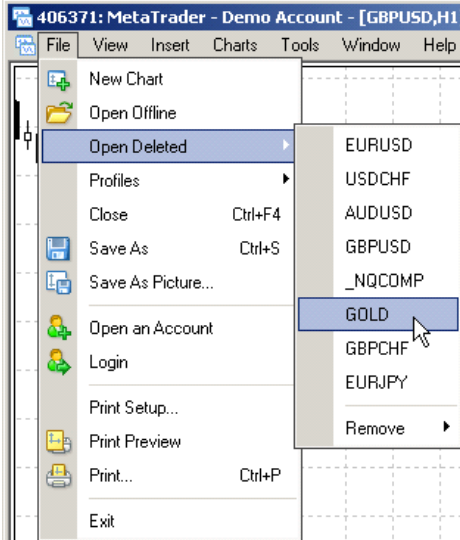
After that, enter necessary values in the newly opened window.



If you have deleted an object by accident, press Ctrl+Z to undo.

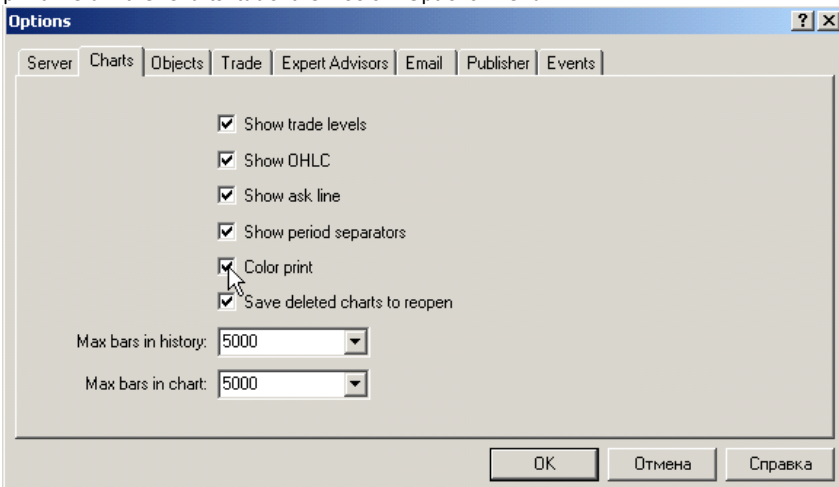


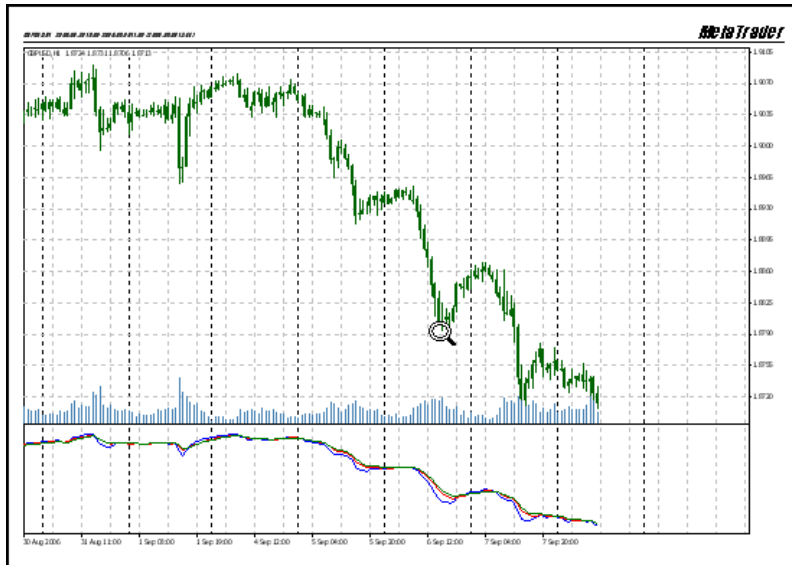
Charts closed by accident can be reopened with all their settings using the "File -> Open Deleted".



Press **Ctrl+P** to print out a chart.

The chart is printed black and white by default, but it can also be printed in color. Just check the "Color print" field in the "Charts" tab of the "Tools -> Options" menu.





[Improved multi-timeframe/offset/chart period converter, P4L PeriodCon.mq4](#)

P4L PeriodCon.mq4 (2009-Nov-13; Updated v1.8 2009-Dec-10: ~160 downloads)

- * As one user put it, the "gold standard" for generating offline charts.
 - * All "offline" charts are updated real-time (so long as the source-TF chart remains open)
 - * Generates non-standard MT4 chart timeframes (e.g. M10, H2, ...)
 - * Ability to timeshift any chart by any #hours/minutes. (e.g. Daily+1H, H4-2H, ...)
 - * Ability to generate charts with periods > 1-Month
- (Please note: Many indicators work on such charts without modification, but some might require changes to work with non-standard timeframes and/or timeshifted charts).

[New very cool CandleTime and session time Clock indicators](#)

P4L Clock.mq4 (2008-Sep-26. Updated v2_5 2010-Jan-14: ~1200 downloads)

- * Display correct current time for up to ~18 world market timezones
 - * Different highlight color used during Market Open hours
 - * Control over syntax: AM/PM vs. 24hr. Optional ":SS".
 - * Display "Bar Left:" (bar remaining time)
 - * Display [Broker](#) and local time
 - * Times are correctly adjusted by independent ST/DST dates-per-timezone
 - * At a glance, compare Broker time accuracy vs. your own CPU clock.
- (Display ":SS". This is very helpful when expecting high-impact news events at exact moments).

* Optional background rectangle beneath labels can COVER price bars for readability

P4L CandleTime.mq4 (2008-Sep-26; Updated v1_2 2009-Nov-13: ~1100 downloads)

- * Displays the bar-remaining time next to the current bar.
- * Indicates "WAIT4BAR:-MM:SS" (i.e. a new bar expected but no tick yet)
- * (opt) Displays the bar-remaining time as a comment (top-left corner)

[Much improved P4L OrderHistory.mq4 script to display trade history on charts](#)

P4L OrderHistory.mq4 (was "OrderHistory V2.mq4") (2007-Sep-13; Updated 2010-Jan-11: ~1050 downloads)

- * Display your trade history (and/or open orders) graphically.
- * Arrows mark open & close events. Trendlines drawn from open->close price. Optional texts.
- * Calculates profit/loss in standard pips. (... even on extra-digit brokers).
- * Detect and mark certain kinds of slippage.
- * Combine trade history from multiple brokers! (first output, then use as input)
- * Output trade history as a CSV file to import into Excel
- * Include ALL trade history, or limit by date-range.
- * Output file can include ALL symbols, or just current chart symbol.

[Add price to Fibo levels automatically using Set Fibo Price Any V2.mq4](#)

Set_Fibo_Price_Any_V2.mq4 (2007-Oct-31: ~2700 downloads)

- * Annotate each Fibo (or Expansion) level with the price

Additional Links for metatrader indicators

<http://www.forexfactory.com/showthread.php?t=47055>

<http://www.myfxwealth.com/downloads/metatrader-indicator-downloads/>