Welcome to barchart Professional

Getting Started with Barchart Professional

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Welcome to Barchart Professional! Professional—a full-featured quote, chart and analysis software application that you download to your desktop for easy access and start-up.

Real-time Barchart Professional gives you access to **streaming real-time data** for the exchanges you subscribe to, including Stocks, Indices, Forex, and Futures data.

Barchart also offers a **free version of Professional** which provides access to **delayed snapshot data** for Stocks, Indices, Forex, and Futures prices (delayed per exchange rules). If you need real-time data, it's easy to upgrade free Professional to our real-time platform. Just contact Barchart Customer Support:

Toll-free: (800) 238-5814
Phone: (312) 554-8122
pro@barchart.com

By now, we hope you've downloaded the software to your desktop. If not, please go to http://www.barchart.com/professional/download.php and follow the steps shown.

1. **Launch Professional** either by clicking the icon installed on your desktop:

   or by opening your **Start** menu **| All Programs | Barchart | Barchart Professional**.

2. Enter your **User Name** and **Password** in the dialog box, then click **Login**. (check the box labeled **Remember Password** to expedite your login.)

Result: After a short wait, the application will open and you can start customizing the data you see in your workspaces. The first time you open Professional, you will see two sample workspaces already created for you, one for Futures and one for Equities. ***Feel free to modify or delete these workspaces, if you choose.***

For additional support, please call Barchart Customer Service at (800) 238-5814 between 8A - 5P CST or contact us at pro@barchart.com

Full online help is available at http://www.barchart.com/professional/help/professional.htm

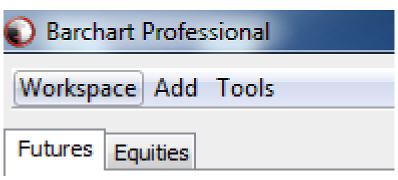
Thank you for choosing Barchart Professional!

Key Concepts

Workspaces

A workspace is used to store and organize all the content you want to view. A workspace can contain multiple widgets (windows that contain specific data such as a quoteboard, chart, news, weather, etc.)

Workspaces are accessed using "tabs" that you create. Workspace tabs are located along the top portion of the application. Once you open a workspace, its tab color will change to indicate it's the "Active" workspace. In the example below, the **Futures** workspace is the "Active" workspace.



Widgets

A widget is a content window that is placed on a workspace. Each widget has its own properties and characteristics. Examples of widgets include Quotes, Quoteboards, Charts, News, Options, Weather, Profile, Technical Opinion.

Real-time Barchart Professional streams real-time data into widgets as new ticks are received from your subscribed exchanges. All other (non-subscription) exchanges will also stream data into the widgets, delayed per exchange rules.

The free version of Professional comes with **delayed snapshot data.** Widgets are automatically updated **every 30 seconds** with the latest information, delayed per exchange regulations.

You can create any number of widgets on a workspace. You can also arrange widgets in any manner, minimize them, or resize them.

Symbols

Professional gives you multiple ways in which to access symbol data. You can either:

- enter the full symbol (if known)
- search for the symbol

Futures

Futures symbols are created in three parts: the **ROOT** symbol, the **MONTH CODE** and the 1-digit **YEAR**.

ROOT SYMBOL – identifies the commodity. ZC = Corn, DJ = DJIA, LH – Lean Hogs (Pit), etc.
MONTH CODE - each month is represented with a single letter as displayed below.
YEAR – entered as **one digit**. 2010 is entered as 0 and 2011 as 1, etc.

For example: US (T-Bond) June 2011 would be entered as **USM1**.

US is the commodity code
M is the month of June
1 is for the year 2011

Cash contracts, when available, can be obtained by adding the suffix Y0 (zero) to the commodity code in place of the month and year code.

Month	Code
January	F
February	G
March	H
April	J
May	K
June	M
July	N
August	Q
September	U
October	V
November	X
December	Z

Shortcuts – ALL WIDGETS EXCEPT QUOTES and QUOTEBOARDS

- **C*1** (SP*1, etc.) will return the **front month** for the specified commodity code.
- **C*2**, **SP*3**, **GC*4** (etc.) will return the 2nd, 3rd, 4th (etc.) month out for the specified commodity code

Shortcuts – QUOTES and QUOTEBOARDS:

- **C*1** (SP*1, etc.) will return the **front month** for the specified commodity code.
- **C*2** will return the FIRST TWO contracts out for the specified commodity code
- **SP*3** will return the FIRST THREE contracts out for the specified commodity code
- **GC*4** (etc.) will return the FIRST FOUR (etc.) contracts out for the specified commodity code

Forex

To enter a Forex contract, enter the “hat” character, followed by the two cross rates. Examples:

^USDAUD – US Dollar / Australian Dollar
^JPYCHF – Japanese Yen / Swiss Franc

A full list of all available Forex contracts can be viewed at
http://www.barchart.com/forex/allrates.php

Major Indices

Major indices always start with a dollar sign ($). Examples:

$DOWI – Dow Industrials
$NYS – NYSE Composite
$SPX – S&P 500 Index
$DXY – Dollar Index

A full list of major indices can be viewed at http://www.barchart.com/stocks/indices.php

We also carry certain Canadian (TSX), London (LSE) and Indian (NSE) indices, such as:
$TSX - TSX Composite Index
$TSE - TSX 60 Index
$TSV - TSX Venture Index
$FTSE - FTSE 100 Index
CNXNIFTY.NS - S&P CNX Nifty

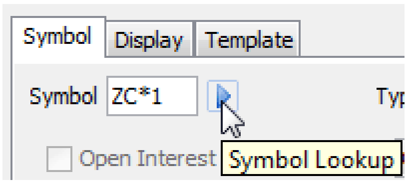
For more information, please see
http://www.barchart.com/education/symbols.php?page=international

Symbol Search

Every widget that prompts you for a symbol allows you to perform a Symbol Search.

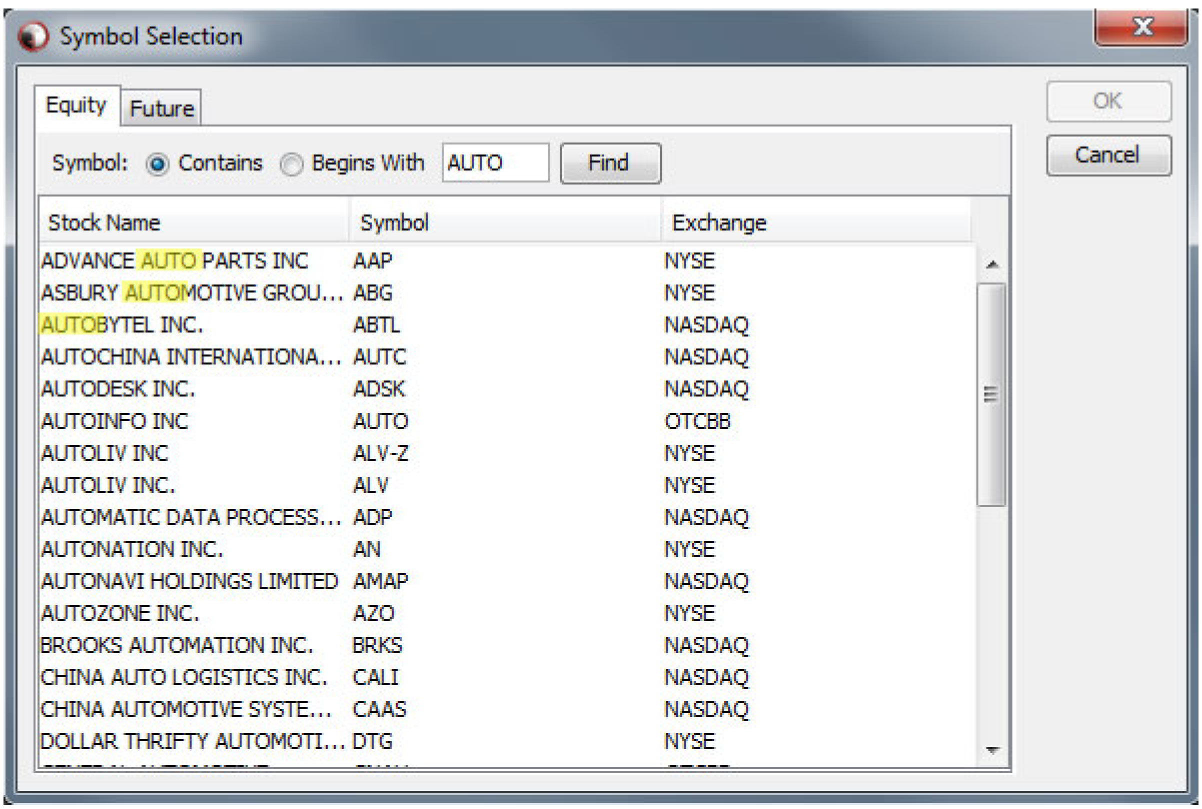
Using Symbol Search

1. First, click the > to the right of the **Symbol** field.



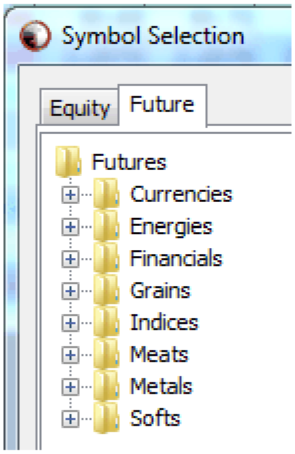
2. Next, open either the **Equity** or **Future** tab.

3. **Equities Symbol**:
Choose either "**Contains**" or "**Begins With**", then enter at least 2 characters in the field provided and click **Find**. The results of your search will display, showing the full stock name, the ticker symbol, and the exchange. The search is performed on BOTH the Name and the Symbol field.

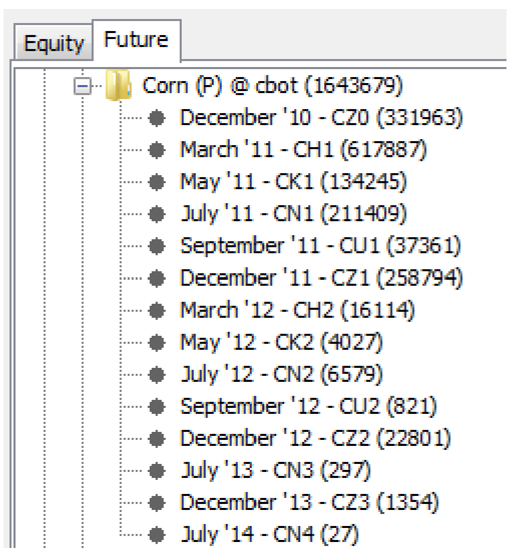


4. To select a symbol displayed, just click on the symbol and click **OK**. This returns the symbol to the properties box.

5. **Futures Symbol**:
A "tree" will appear, allowing you to find the symbol by the commodity type (Currencies,



Note: To help you find the contract, the tree displays the Total Open Interest for the symbol (Corn(P)@CBOT, Total OI:1,643,679) and the Open Interest for each individual contract. This helps you identify the contract with the most trading activity.



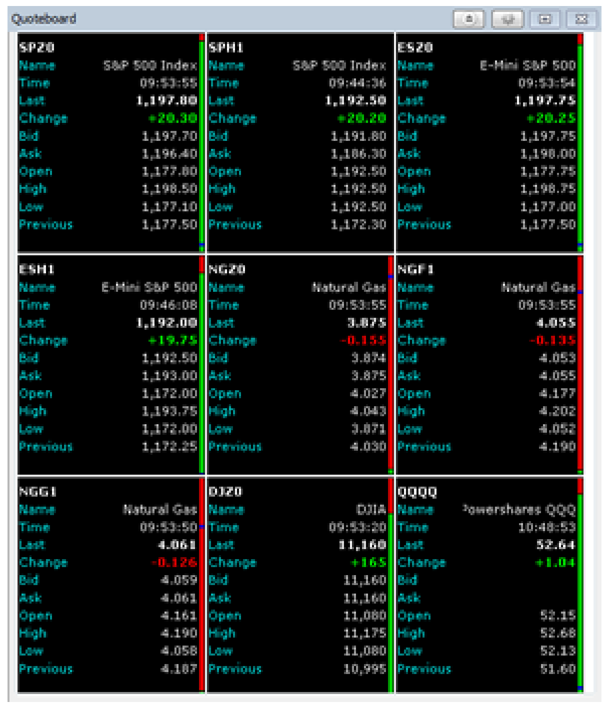
6. Select the contract you want, then click **OK**. This returns the futures contract to the properties box.

Quotes

Professional offers you the choice of two quote layouts: Quote ("boxes") or Quoteboard ("grid").

Quote ("boxes")

A Quote displays prices in a "box" format. While a Quote is typically used to display just one symbol, it is possible to display multiple symbols in the Quote box format by creating a Quoteboard, then changing it's layout to box format.



- The Quote is designed to give you a visual representation of market movement and direction for the symbol.
- The Ticks field shows what happened on the last six trades.

  \+ denotes and uptick
  \- denotes a downtick
  . denotes no change in price

- The Change field shows the difference between the Last price and the Previous price
- The Quote box will flash to a different color (blue is the default "change" color), when the price changes.
- The Market Stochastics Meter is the red/green bar that appears on the right side of the grid.

The Market Stochastics Meter is a stochastic measurement for the given day. The top of the graph is the High. The bottom of the graph is the Low. The line through the bar is the Open. Where the bar goes from green to red is the Last price.

The Market Stochastic Meter shows you is how far the Last price is from the High or the Low. If the meter is all green, then the Last is at the High and the market is at it peak. Conversely, if the meter is all red, the market is at it's Low.

Quoteboard ("grid")

A Quoteboard displays multiple contracts in the classic quote view, similar to a worksheet layout, or "grid".

Quoteboard

Name	Name	Time	Last	Change	Open	High	Low	Previous
SPZ0	S&P 500 Index	10:00:07	1,197.80	+20.30	1,177.80	1,198.50	1,177.10	1,177.50
SPH1	S&P 500 Index	09:44:36	1,192.50	+20.20	1,192.50	1,192.50	1,192.50	1,172.30
ESZ0	E-Mini S&P 500	10:00:52	1,198.50	+21.00	1,177.75	1,198.75	1,177.00	1,177.50
ESH1	E-Mini S&P 500	09:55:31	1,192.50	+20.25	1,172.00	1,193.75	1,172.00	1,172.25
NGZ0	Natural Gas	10:01:13	3.853	-0.177	4.027	4.043	3.853	4.030
NGF1	Natural Gas	10:01:12	4.035	-0.155	4.177	4.202	4.035	4.190
NGG1	Natural Gas	10:01:13	4.053	-0.134	4.161	4.190	4.047	4.187
DJZ0	DJIA	09:59:45	11,165	+170	11,080	11,175	11,080	10,995
QQQQ	Powershares QQQ	10:56:12	52.65	+1.05	52.15	52.68	52.13	51.60

When a Quoteboard is created, the following fields are displayed by default:

- Bid Size - the number of contracts requested with the last bid
- Bid - Current Bid price
- Ask - Current Ask price
- Ask Size -the number of contracts offered with the last ask
- Last - the last trade price
- Change - the change in price from the Previous Close to the Last Price
- Open - Open price for current session.
- High - High price for current session.
- Low - Low price for current session
- Volume - Total volume for the current session
- Open Interest - Total open interest for the current session

Quoteboard columns can be added or removed (Professional has over 20 data fields to choose from), and you can reorder the columns by changing the quoteboard’s properties.

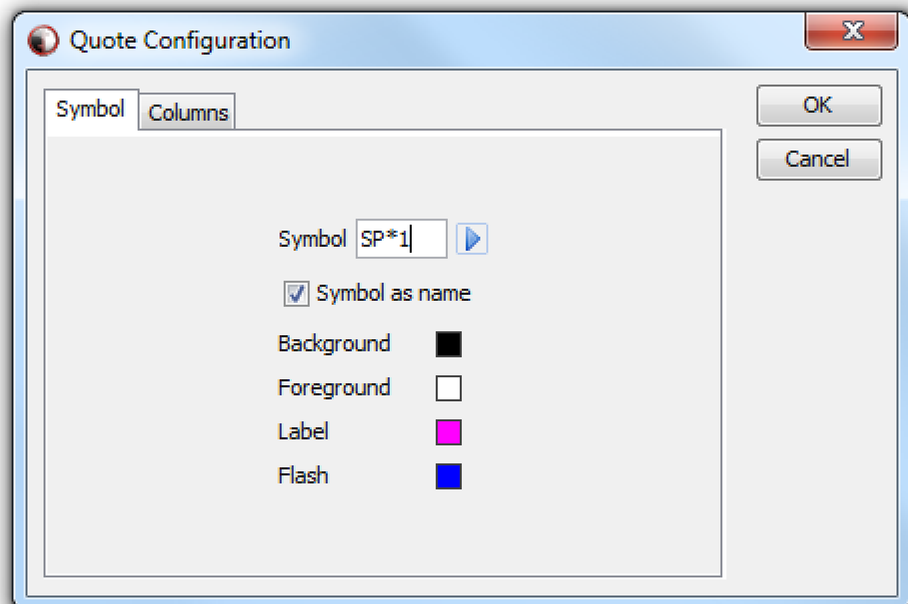
Adding a Quote Widget

A Quote displays prices in a "box" format. A Quote is typically used to display just one symbol. However, if you request all contracts in the Symbol field (i.e., SP*, W*, CL*, etc), a Quoteboard is created using the box format.

Futures Symbol Shortcuts:

- **C*** will add ALL open contracts for the commodity.
- **C*1** (SP*1, etc.) will return the **front month** for the specified commodity code.
- **C*2** will return the FIRST TWO contracts out for the specified commodity code
- **SP*3** will return the FIRST THREE contracts out for the specified commodity code
- **GC*4** (etc.) will return the FIRST FOUR (etc.) contracts out for the specified commodity code

1. First, open the Workspace to which the quote will be added.
2. Click on the **Add** menu, and select **Quote**.



3. In the **Symbols** tab, enter the Symbol you wish to display (see shortcut hints above). **Note**: If you don't know the symbol, click the > to the right of the Symbol field to perform a Symbol Search.
4. If you wish to display the name of the contract on the quote, check the box labeled **Symbol as Name**.
5. You can change the color settings of the widget by clicking on any of the color boxes. (For more information, see Quote Properties).
6. If desired, open the **Columns** tab and select or reorder the data columns to display. (For more information, see Quoteboard Columns.)
7. Click **OK**.

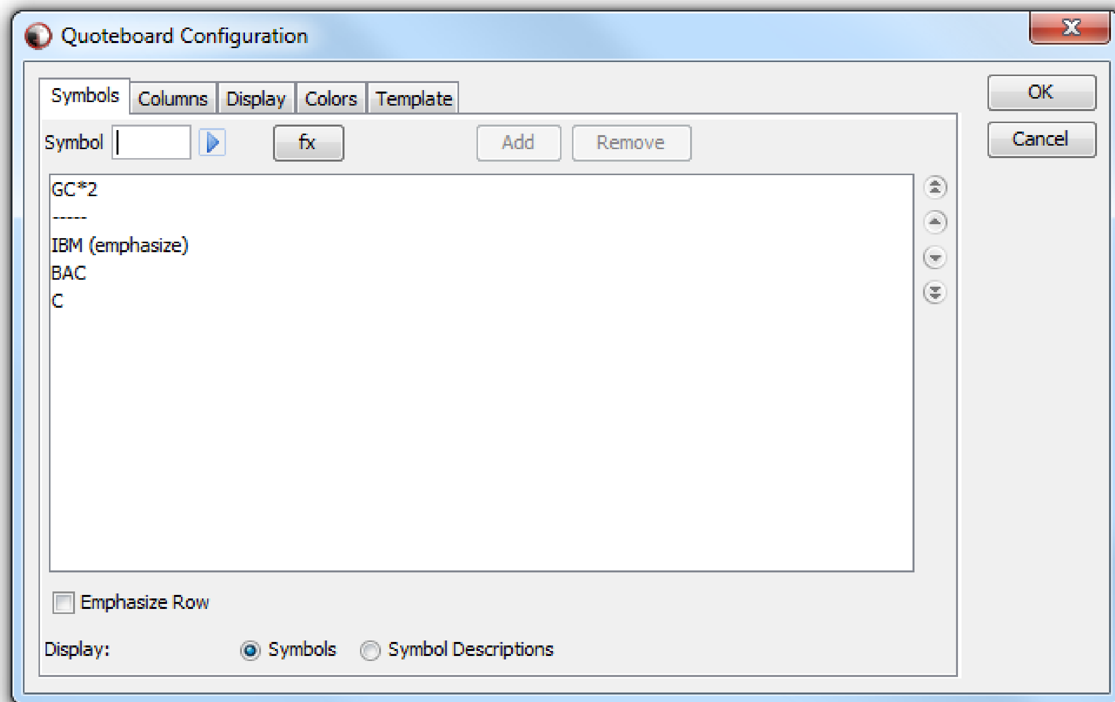
Adding a Quoteboard Widget

A Quoteboard displays multiple contracts in the classic quote view, similar to a worksheet layout or grid. Columns on the quoteboard can be dragged and dropped to reorder them in the display. You can also dynamically resize the columns using drag and drop.

From the quoteboard, you can open other widgets, such as a Chart or Time & Sales, just by clicking on the symbol and choosing from a context menu.

Add a Quoteboard to a Workspace

1. First, open the Workspace to which the quoteboard will be added.
2. Click on the **Add** menu, and select **Quoteboard**.



3. In the **Symbols** tab, enter the Symbols you wish to display. Multiple symbols may be entered at once, separated by commas. For example, BAC,C,IBM,DELL
   Note: If you don't know the symbol, click the > to the right of the Symbol fields to perform a Symbol Search.
4. If you want to add a **BLANK row** on the quoteboard, enter a dash "**-**" in the Symbol field.
5. If you want to **BOLD** any of the rows, select the symbol and click the **Emphasize Row** box at the bottom of the dialog box.
6. There are additional changes you can make in the Columns, Display, Colors, or Template tab. Please refer to the Quoteboard Properties for more information.
7. Click **OK**.

Charts

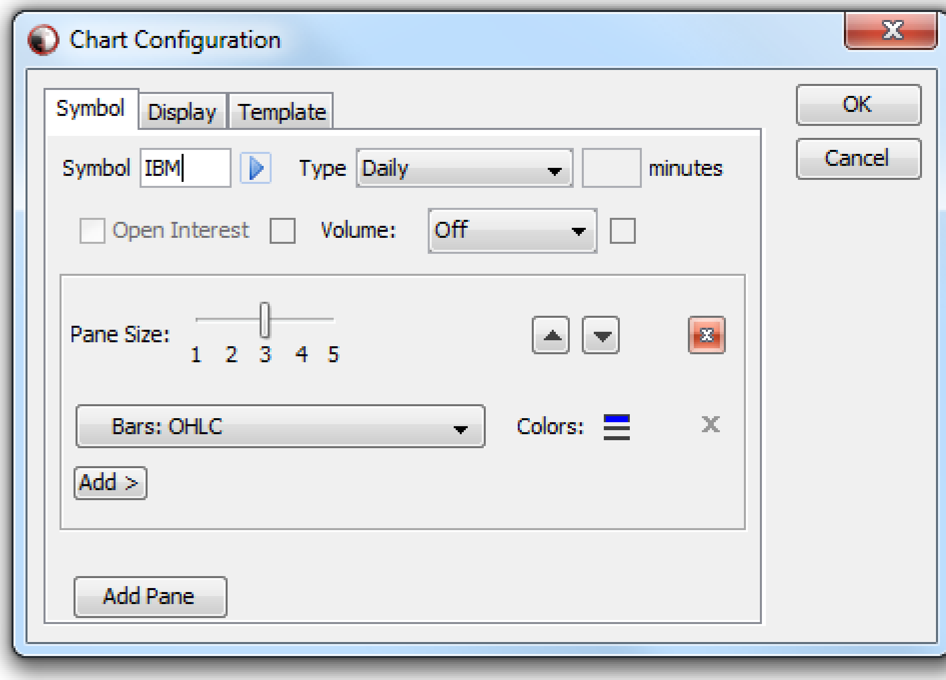
Professional Charts bring streaming data (real-time Professional) and powerful features to your workspace, allowing contract analysis to meet your exact specifications. Features include:

- over 60 technical studies, all with user-changeable study parameters
- ability to add an unlimited number of panes to a chart (a pane can contain a symbol or a study)
- ability to add an unlimited number of studies on any one chart, either in their own pane or as an overlay
- choice of Tick (real-time data only), Intraday (1, 2, 3, 4, 5, 10, 15, 30, 60, 'n' minute), Daily, Weekly or Monthly time series
- ability to retrieve any number of bars for the specified time series chosen
- Core Chart Styles of OHLC Bars, HLC Bars, HL Bars, Area, Candlestick, Histogram, Dots or Line
- choose whether or not to display Contract Volume, Total Volume, and Open Interest
- changeable bar and study colors
- ability to save chart preferences in "templates", then apply a template to new charts you create
- Cross-hair and Data View box shows you the data for any bar displayed on the chart
- changeable font settings for the chart header, scales, and Data View box
- chart setup is saved on your workspace, maintaining any changes you make to the widget size, study parameters, etc. This allows you to recall the chart exactly as you left it.

Adding a Chart Widget

These instructions describe how to add a basic chart.

1. First, open the Workspace to which the chart will be added.
2. Click on the **Add** menu, and select **Chart**.

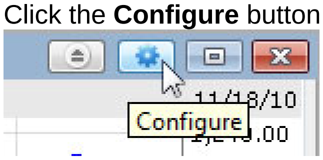


3. In the Symbol field, enter the Symbol you wish to display. Note: If you don't know the symbol, click the > to the right of the Symbol field to perform a Symbol Search.
4. Select the **Type** (Period) for the chart from the drop-down list. The default time frame is **Daily**.
5. You can add **Open Interest** and / or **Volume** by checking the appropriate boxes.
6. The default chart will be **Bars: OHLC**, displayed in one full-sized pane. If desired, you can add studies, panes, or change other Chart Properties.
7. Click **OK**.

Adding a Study to the Chart

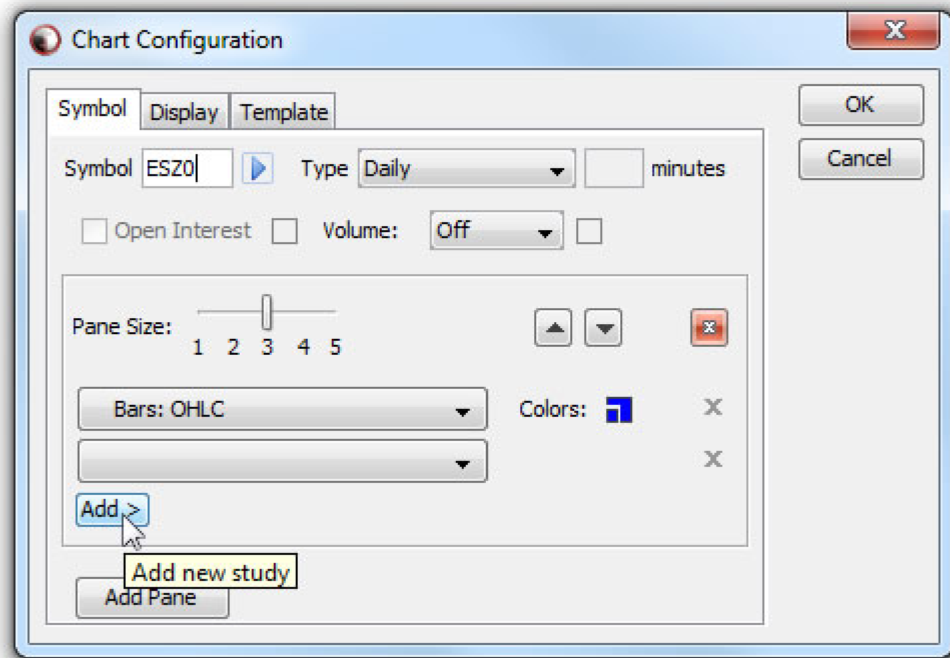
These instructions describe the basic steps needed to add a study to a chart.

1. Click the **Configure** button at the top right of the chart's header:

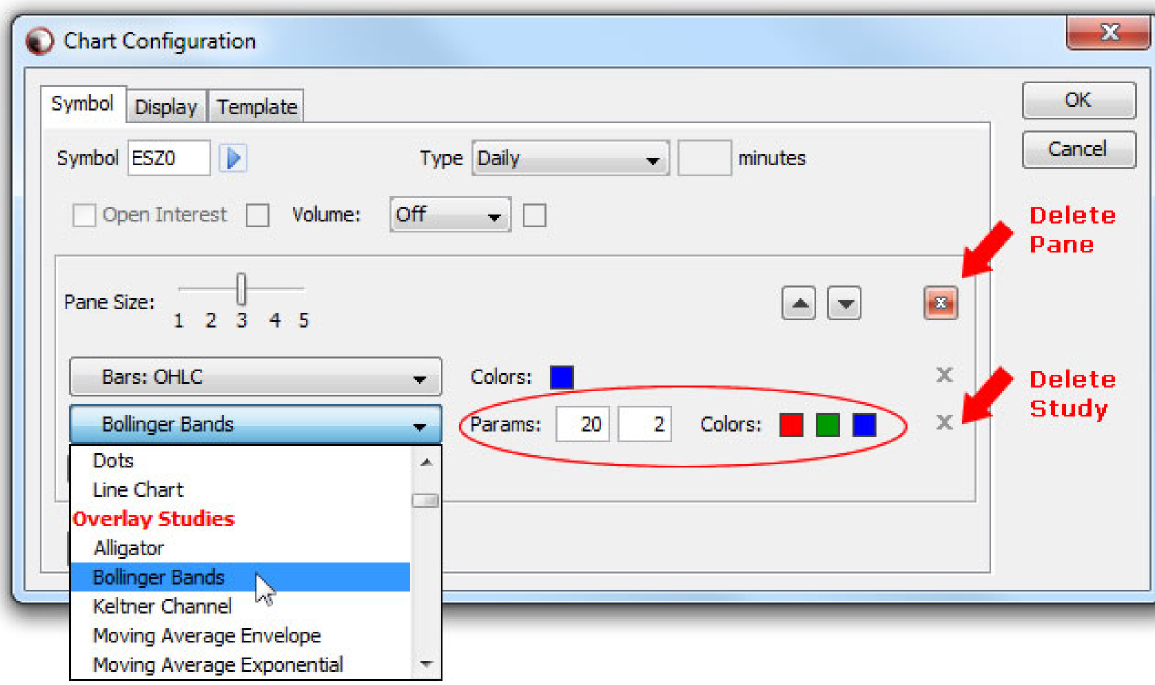


The chart properties dialog box displays.

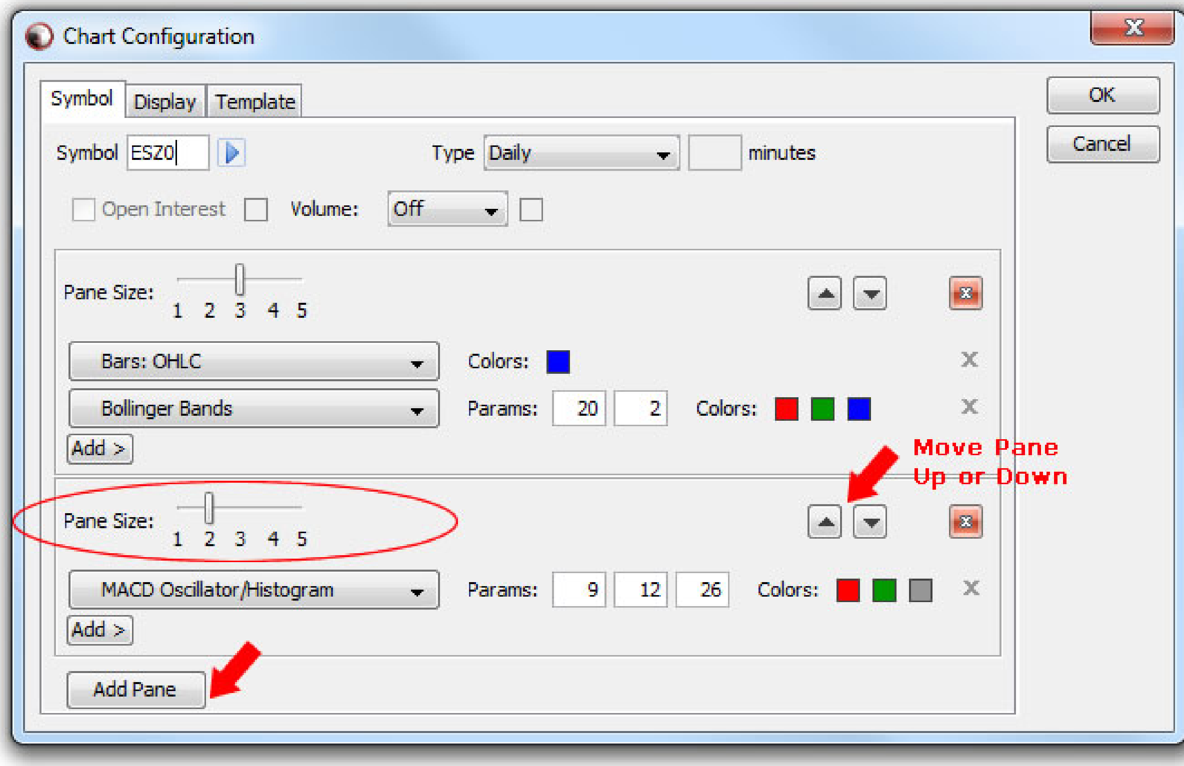
2. **To add an Overlay study**, first click the **Add** button. This opens a new drop-down list under the Bars list:



3. Click the empty drop-down list and select an Overlay study. You'll be given the option of changing the study parameters and colors:



4. **To add a Standalone study**, first create a new pane by clicking **Add Pane** at the bottom of the window. A new pane is created.



5. Click the empty drop-down list and select a Standalone study. You'll be given the option of changing the study parameters and colors.

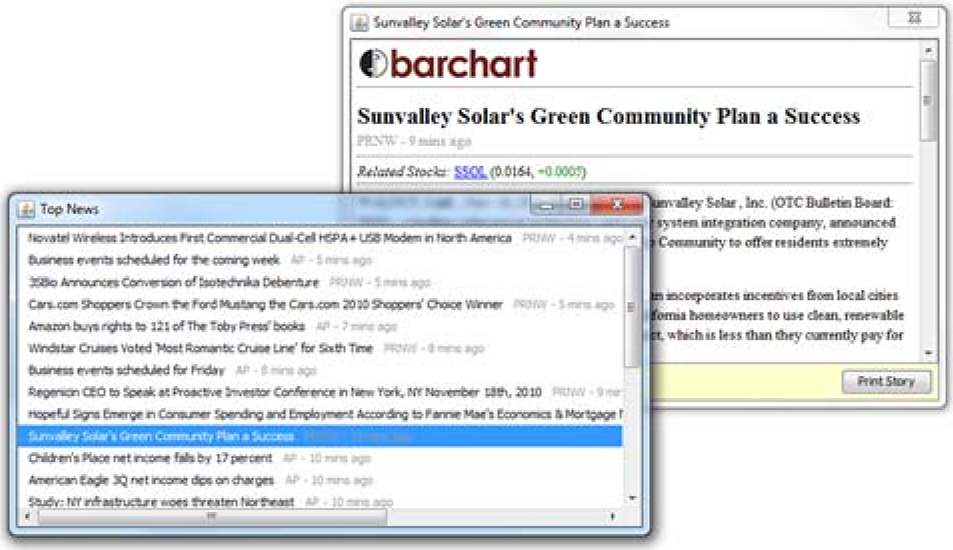
6. You can change the sizes of each of the panes using the slider bars.

7. You can change the order of the panes by clicking the arrows to move them up or down.

8. Click **OK** when finished to view the chart.

News

The News widget allows you to view the most recent headlines and stories from a number of news sources including Associated Press (AP), PR Newswire, a number of Agricultural news services, Barchart, InsideFutures, and more. You can choose from difference news categories, search for a specific ticker symbol, or perform a search on a keyword or phrase.

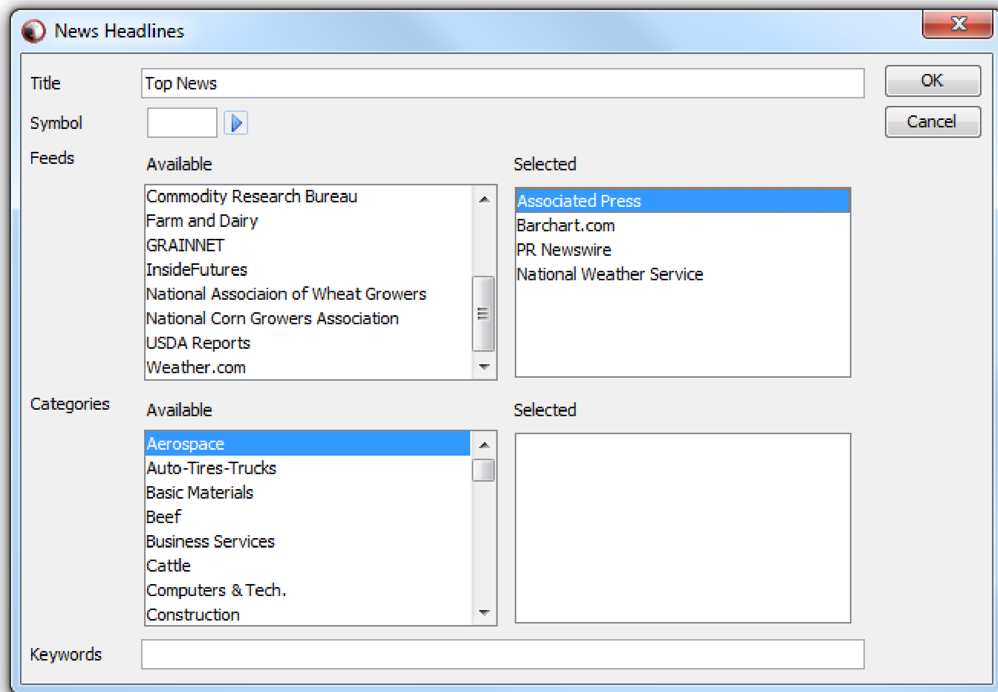


Viewing Stories

With the News widget on your workspace, just click the headline and the story opens in a separate window. You have the option to print the story using the **Print Story** button in the lower right of the window.

Add News to a Workspace

1. First, open the Workspace to which the news will be added.
2. Click on the **Add** menu, and select **News**. The News Properties dialog box displays:



3. To search for news for a symbol, enter the ticker in the **Symbol** field.
4. To select news feeds, **double-click** on the feed name found in the **Available** feeds column on the left.
5. To remove a news feed, **double-click** on the feed name found in the **Selected** feeds column on the right.
6. You may select or remove **Categories.** Your selection will be applied only to the news feeds you've selected.
7. You may also enter a word or phrase in the **Keywords** field. This searches for headlines that contain that word or phrase.
8. Click **OK** when done.

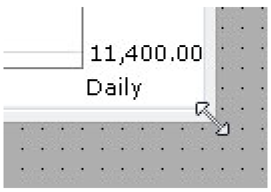
Arranging Widgets on Your Workspace

Moving Widgets

1. With your mouse pointer on the widget's header bar, drag the widget to its desired position by holding the left mouse button down.
2. Release the left mouse button to place the widget on your workspace.

Resizing Widgets

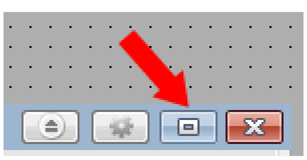
Any widget can be resized by dragging its frame border.



1. Place your mouse cursor on the border of the widget's window until the cursor changes to a double arrow.
2. Click and hold the left mouse button, then drag the border to the desired size.
3. When done, release the left mouse button.

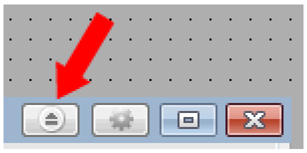
Minimize / Maximize Widgets

You can expand any widget to fill up the entire screen by double-clicking on the widget's **header bar**. To revert the widget back to its original size, simply double-click on the widget's header bar again. You can also minimize and maximize widgets on your workspace by clicking the icons found on the top right side of the widget's header bar.



Detach a Widget from the Workspace

Widgets may be detached from the workspace. This is helpful if you are using multiple monitors. Click the Detach icon on the widget's window, located in the header bar. You can now move the widget anywhere outside of the application window.



To Reattach the Widget

Click the "X" in the detached widget's header bar. This places the widget back on the workspace.