

Release Notes

FutureSource 4.4

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1 Preface

This document outlines the key new features, functionality and content included in FutureSource 4.4. All screenshots are examples for illustration purposes only. The exact layout and display may vary depending on Individual workspace customization.

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Release Notes Style Convention

- **Bold blue phrases** with pipe signs (|) denote a **menu** command, either from the main FutureSource drop-down navigation menu or through a contextual right-click menu in a certain window.
- **Bold black words** are used for emphasis in the text.
- Terms in quotation marks refer to a specific feature of the system.

2 Top New Content & Functionality

Some of the top enhancements of the new version include the following.

Functionality

Function Library Expansion

Additional functions have been added that will allow users to create dynamic expressions with user defined rolling logic within the expressions. See the Help Files for additional details.

External Data Expansion

External Data (XD@) has been enhanced to support user defined fields. Prior to 4.4 there was only access to OHLC fields. The new enhancements now allow you to define field names and data types within the file itself, adding functionality and removing the need to configure fields within the External Data symbol setup dialog.

ZEMA Profiles

Continuing to expand our ZEMA integration, users can now access their ZEMA profiles within FutureSource.

Expanded Grid Functionality

We continue to expand the flexibility of our Grid window. Additional layout functionality and data functions have been added to assist in creating custom, dynamic layouts. Functions such as symbol linking, toggle and pick lists, and ability to draw cell borders. See the Help Files for additional details.

Chart Drag & Drop

New options are now available for you to drag symbols from the Watchlist to a chart. This expanded drag and drop functionality allows you to control overlay placement more easily.

- Ctrl + Drop on an Existing Price Scale will add symbol as an overlay using that Price Scale
- Ctrl + Drop on middle of Chart will create overlay with its own Price Sscale
- Ctrl + Drop on Time Scale will create new Pane

EOX Curve Drag & Drop

You can now drag an EOX curve from a chart to a Watchlist, creating dynamic symbol lists on the fly.

3 Details of New & Enhanced Functionality

3.1 External Data

External Data (XD@) has been enhanced to support **user defined fields**. Prior to 4.4 there was only access to OHLC fields. The new enhancements now allow you to **define field names and data types** within the file itself, adding functionality and removing the need to configure fields within the External Data symbol setup dialog. See the help files for additional details.

3.2 ZEMA Profile Integration

Continuing to expand our ZEMA integration, users can now access their **ZEMA Profiles** within FutureSource.

3.3 Function Library Expansion

Additional functions have been added that will allow for users to create dynamic expressions with **user defined rolling logic**. See the Help Files for additional details on functions and formula syntax.

3.4 Charts

New areas of functionality have been added to the Chart window, they include:

- Drag and drop overlays
- EOX drag and drop auto-listing
- Elder Force Index Study
- Stochastic RSI Study
- %Return on Trendline

3.4.1 Drag and Drop Overlays

New options are now available for you to drag symbols from the Watchlist to a chart. This expanded drag and drop functionality allows you to control overlay placement more easily.

- Ctrl + Drop on an Existing Price Scale will add that symbol as an overlay using that Price Scale
- Ctrl + Drop on middle of Chart will create overlay with its own Price Scale
- Ctrl + Drop on Time Scale will create new Pane

3.4.2 EOX Drag and Drop Auto-listing

You can now drag an EOX curve from a Chart to a Watchlist, creating dynamic symbol lists on the fly.

3.4.3 Elder Force Index Study

The Elder Force Index study is now available. The Force Index is an indicator that uses price and volume to assess the power behind a move or identify possible turning points. Developed by Alexander Elder

3.4.4 Stochastic RSI Study

The Stochastic RSI study is now available. Developed by Tushard Chande and Stanley Kroll, Stochastic Relative Strength Index is an oscillator that measures the level of RSI relative to its high-low range over a set time period. Stochastic RSI applies the Stochastics formula to RSI values, instead of price values. This makes it an indicator of an indicator. The result is an oscillator that fluctuates between 0 and 1.

3.4.5 % Return on Trendlines

There is now an option to display the %Return for the Trendline points.

3.5 Data Table

New areas of functionality have been added to the Data Table, they include:

- HLC Average

3.5.1 HLC Average

HLC Average is now an available field within the Data Table

3.6 Watchlist

New areas of functionality have been added to the Watchlist window, they include:

- Symbol list management
- Heat map

3.6.1 Symbol List Management

We have made it easier to rename and delete your saved symbol lists. From the symbol list settings drop down select **Manage Symbol Lists**.

3.6.2 Heat Map

You can view heat map colors and shadings to quickly see the quality and degree of changes for the return data selected. Make sure the selected fields are visible in your watchlist component. The heat map compares values in a column and displays 3 colors based on the range of data in the column. Choose from several available columns which will be highlighted based on cell values.

3.7 Grid

New areas of functionality have been added to the Grid Window, they include:

- Cell borders
- New functions

3.7.1 Cell Borders

You can now create cell borders within the grid window, allowing for additional visual customization.

3.7.2 New Functions

There are new functions added to the Grid library that will help you **create dynamic layouts**, they include:

- Set – Set a value to a link channel
- Get – Get a value from a channel
- Toggle – Toggle between a list within a cell
- Pick – Create a list of items to select from within a cell
- Link – Can you now symbol link a cell to another window (Chart, Detail Quote, Etc.).

See the help files for details information on functions and syntax.

3.8 Futures Options

New areas of functionality have been added to the Futures Options Window, they include:

- Filter by volume and Open Interest
- Highlight Volume and Open Interest levels

3.8.1 Filter by Volume and Open Interest

You can now filter your strikes by volume and open interest. This can be set from the strike filter menu.

3.8.2 Highlight Volume and Open Interest Levels

You can now display a color indicator on the volume and open interest fields based on a certain threshold. This can be accessed from the direction menu on the window display properties.

3.9 Framework Functionality

3.9.1 Category list in Expression Shortcuts

There is now a menu within the category field, providing access to frequently used categories

3.9.2 Preference for Closing Window

There is a now a preference which will control behaviour when a window's close button is clicked. The new preference will set the first click to empty the window and leave layout in place, and the second click will remove the placement.

3.10 Account Manager

New areas of functionality have been added to the Account Manager Window, they include:

- Message settings
- New columns

3.10.1 Message Settings

Added settings for common and reject reasons to the display properties of the Account Manager Window.

3.10.2 New Columns

The following columns are now available within the Account Manager window:

- Place Time
- Filled Time

3.11 Trading Feature

New areas of functionality have been added to the trade integration, they include:

- Additional window support
- Additional context menu from chart to add trade pane

3.11.1 Additional Options

Added trading options to the Time & Sales and Net House windows. Users can trade, view orders, and view positions of selected symbol.

3.11.2 Additional Context Menu Added to Chart

Added new Trade Pane item to context menu. This allows the user to expand the trading features in the Chart from a context menu.

4 Fixes

The Following fixes and performance enhancements are included in FutureSource Web 4.3.1:

- **Account Manager**
 - 36058 - Account, Symbol and Trader filter do not enable when connection is connected
 - 40050 - Changing tabs reset certain filters
 - 26407 - Added warning message when using keyboard shortcuts repeatedly
 - 37335 - Context menu for Copy to clipboard and Cntr+C are not the same
 - 40222 - New columns cannot be added when you set locked columns

- 40150 - New window cannot be placed when you are trying to drop new window to rows with data in all tabs
 - 35453 - One filter is missing in Message tab printed copy
 - 33268 - One filter is missing in Orders tab printed copy
 - 31896 - Reset Filter option is not applying to the Trader filter
 - 35097 - Searching large symbols creates misplaced typed text
 - 40351 - Text is difficult to read with certain themes
 - 37370 - Tooltip is different in Orders/Executions and Positions tabs
 - 30655 - Horizontal Gridlines show up though you remove them in the display properties.
 - 34773 - A search is started when adding new dictionary, even after cancel
 - 37892 - Added disclaimer to Define/Edit symbol dictionary
 - 33480 - Added confirmation that dictionary is imported correctly
 - 33519 - After importing symbol dictionary symbols are not showing in dialog
 - 40208 - When the user selects all values in dictionary, the ability remove selected dictionaries will remain disabled
 - 35600 - Added Broker manager support for Mac
 - 25135 - Broker Connections that can't connect are displayed another color.
 - 31874 - Improved message when trying to delete a symbol mapping while connected
 - 36280 - Switched positions of next and previous in the Find pane
 - 37367 - Context menu for connections is disabled when connected
 - 29237 - Two automap buttons are redundant
 - 37382 - Paper Trading connection has unnecessary dialogues
 - 34821 - Disable connection settings button while connection is connecting
 - 39673 - Do not allow deletion of mapping when symbol has open orders/positions
 - 36281 - Remove default option should not unselect currently selected row
 - 36064 - Dictionary search isn't finding some values
 - 37344 - Added support for 5 decimal places, when applicable
 - 35248 - Symbol mapping can't occur when it is previously incorrectly defined
 - 37487 - When you delete connection also clear history
 - 40207 - Improved wrapping in dictionary dialogue
 - 38528 - Window is not showing connecting attempts
- **Chart**
 - 32380 – Application slows with some expressions
 - 32295 – Display term for EOX forward curves
 - 39309 - Allow direct data entry in curve dialog
 - 37441 - Tab names match when printing
 - 39305 - LIN study now showing parameter in header
 - 39619 - VWMA supports reference symbols

- **Data Table**
 - 37942 - Adding Study resets layout
 - 34545 - Exception closing window
- **External Data**
 - 39713 – Performance improvements
- **Futures Options**
 - 39358 – Saved defaults applying to window
 - 40363 – Month selection not persisting
- **Framework**
 - 28306 - Delivery for outright Forex forwards
 - 34242 - Format function disables descriptions
- **Market Depth**
 - 35313 – Zero price spreads not displaying
- **OptionSource**
 - 39634 - Not displaying all ICL Symbols
 - 38407 - Cannot delete columns
 - 40366 - Analyze not displaying
 - 40529 - Exception selecting months
 - 40505 - Deleted rows reappear
 - 40178 - DTEOS can become un-changeable
 - 40523 - Entry field not populating
 - 40059 - Titlebar becomes disabled
 - 39597 - Issue changing symbol
 - 40104 - Issue with reloading with hide zero-qty set
 - 39417 - Cell becomes unselected
 - 40272 - Analyze not displaying with base symbol changes
 - 40525 - Summary tab not downloading
 - 40504 - Symbols removed from position pane
 - 40521 - Tab rename not working
 - 39740 - Issues exporting workspace
 - 40519 - issue changing symbols
 - 40107 - X axis spinner becomes disabled
 - 39459 - Issue with changing serial options
- **Time & Sales**
 - 40284 – Issue retrieving spreads
- **Trade Manager**
 - 38159 - In certain instances Ask/Bid columns are not coloring correctly
 - 40227 - In certain instances Ask/Bid columns are losing their colors

- 35489 - Improved mouse recognition on Trade ladder
- 40157 - In some instances mouse ball button isn't placing stop limit orders
- 40223 - Quantity field can become disabled in certain circumstances
- 25267 - Lot size is only enabled when account is selected
- 39863 - Window defaults are consistent across trading window types
- 30632 - Added message 'No Symbol Translation' to symbol mapping when server return 0 matches
- 37366 - Cancelled order should unsubscribe symbol
- 35294 - Change Default connection name from CQG to FSTrader
- 37610 - Allow close and cancel to work when either position is open or order is active
- 31854 - Improved tooltip for chart execution ornament
- 37388 - Printed copy of chart with trading ornaments in printer friendly colors is not visible clearly
- 38690 - Improved position of Trade markers when price scale is percentage
- 40242 - In certain circumstances defined defaults are not applying to new order dialogue
- 37300 - Disable Buy/Sell button in modify order dialogue if order is filled in the meanwhile
- 39922 - Added logic to protect errant stop limit orders
- 40209 - Double click action on trading buttons behaves as two click actions
- 37378 - Hot keys needs to work from every window
- 34830 - Certain options should be disabled when no connection is established
- 35756 - Pressing enter at symbol field clear limit/stop price
- 38532 - Unnecessary decimals in the stop trigger message
- 33038 - Typo on control question when deleting dictionary
- 37368 - Ability to select connection using keyboard
- 38376 - When default connection is not connected, user should be able to select some other connection
- 32001 - Trading notes of a certain size get truncated when copied
- **Watchlist**
 - 39423 - Auto-listing not working for some roots ending in a number
 - 40620 - Previous net change calculation to use settle
- **Weather Maps**
 - 29344 - Maps don't refresh without restarting application

5 System Requirements

5.1 Operating System & Browser

- Windows Vista , W7 or Windows 8
- Internet Explorer 6 or higher, Mozilla Firefox 3 or higher, Apple Safari for Windows 3.2 or higher, Google Chrome

5.2 Java

- Minimum: Java Version 1.5
- Recommended: Java Version 1.6.10 or **Greater**
 - NOTE: Issue with Java Versions 1.6.24 to 1.6.25 have been detected on some isolated client systems.

5.3 Other Requirements

- Cookies Enabled
- Pop-Up Blocker Disabled for Login.FutureSource.com URL