



# ICE X

A CUTTING EDGE PLATFORM

**Trader User Manual**

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# Introduction

### **Introduction to Indian Commodity Exchange Trader**

The **Indian Commodity Exchange Trader** Front End provides a user-friendly interface for market participants to submit and manage their order interest, and to view market data such as order books, market statistics and time and sales information. It also contains features to help enhance the efficiency of the user such as the ability to save profiles and to customize the content and format of windows.

The **Indian Commodity Exchange Trader** front-end offers different functionality depending on the type of user. The two types of users are identified as a **Standard Trader** and a **Trading Administrator**. Trader roles are specified in the **Exchange Manager** front-end when creating a user. This manual describes functionality applicable to both types of users.

# Using this Manual

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This manual is divided into four sections:

## **Getting Started**

This section deals with setting up, basic operation and customization of the **Indian Commodity Exchange Trader** Application.

## **Concepts**

The Concepts section defines all concepts used within the **Indian Commodity Exchange Trader** Application and this manual. Concepts are displayed in this manual with a **yellow underline like this** . Descriptions for any concept highlighted in this manner may be found in the Concepts Section.

## **Interface**

The Interface section is a detailed description of the **Indian Commodity Exchange Trader** Application interface.

## **Procedures**

The final section of this manual contains detailed step-by-step instructions for using the **Indian Commodity Exchange Trader** Application.

## Documentation Updates and Feedback

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This User Manual is intended for use with the recommended version of the Indian Commodity Exchange Trader front-end. Updates to this manual will be made available with each Indian Commodity Exchange Trader release.

For feedback, comments and suggestions please contact ICEX customer support at [feedback@icexindia.com](mailto:feedback@icexindia.com)

# Getting Started

## Digital User Manual (PDF)

This document is set for optimized reading using Adobe® Reader® version 8.0 or newer.

Viewing the document using an alternative media reader could be possible. However some of the features used in this document might not be supported. Click

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To move through the document, do one of the following:

- Click the Previous Page or Next Page on the tool bar.
- Choose View ➔ Go To ➔ [Location]. Location choices are First Page, Previous Page, Next Page, Last Page, Previous View, or Next View.
- Choose View ➔ Go To ➔ Page, and then type the page number in the Go To Page dialog box.
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### Using Bookmarks

Bookmarks provide a table of contents and represent the chapters and sections in a document. Bookmarks appear in the navigation panel.

- Click the Bookmarks button, or choose View ➔ Navigation Panels ➔ Bookmarks.
- To jump to a topic, click the bookmark. Click the plus (+) or minus (-) sign to expand or collapse the bookmark contents.

### Searching this Manual

The Find option will allow you to search for a particular word or phrase within the document.

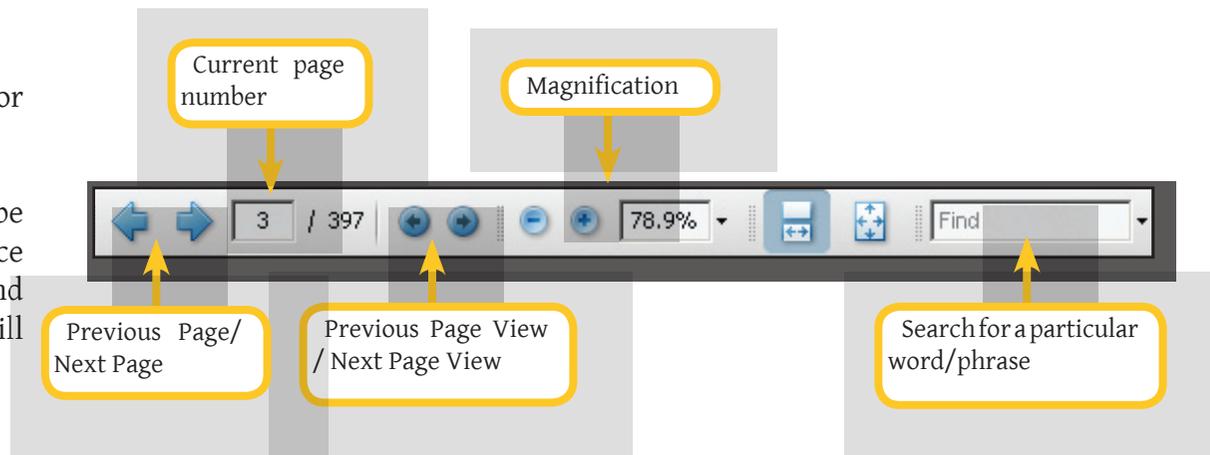
- To Find, Select Ctrl + F or choose Edit ➔ Find

Once the search is completed, the relevant word/phrase will be highlighted within the document. If there is more than one instance of the search criteria within the document, the Find Previous / Find Next buttons  will appear on the navigation tool bar and will allow you to browse each instance of the search criteria.

### Reference Links

Certain sections of the document refer to another chapter or section for detailed description of certain fields. These reference links can be identified by an underline *like this*.

Clicking the  Arrow on the bottom right hand corner of each page will allow the user to jump back to the Contents page.



## The Login Screen

Upon running the **Indian Commodity Exchange Trader** front-end, the user is first presented with the login screen.

A user environment must be selected prior to login.

1. Click the *Login Options* button to expand the pane and display additional options. (The default view is shown on the left).
2. Click on **Select System**.
3. Select an environment from the list of available systems.

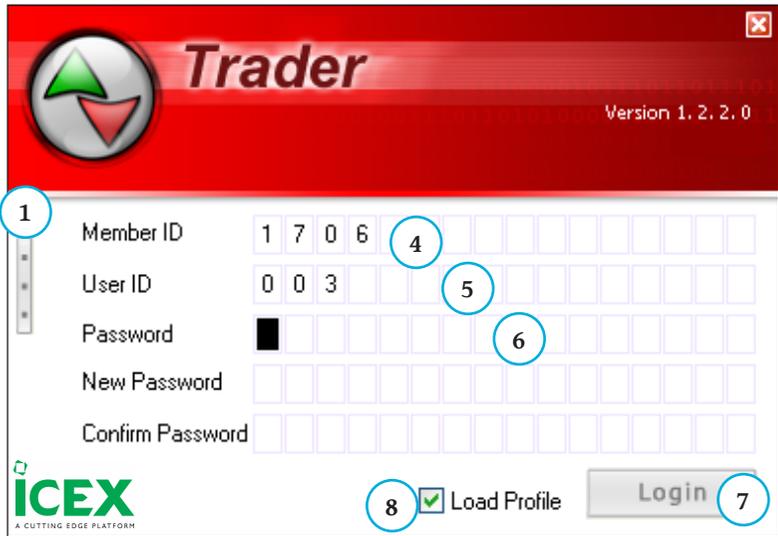
To proceed with login:

4. Enter the **Member ID**.
5. Enter the **User ID**.
6. Enter the **Password**.
7. Click the *Login* button.

The user will then be presented with the main application screen.

### Load Profile option

8. Checking the *Load Profile* option will enable the user's last seen profile to load on login.



## Changing the Password

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The user's current password can be changed using the following steps:

Before login,

1. Enter your **New Password**.
2. Type your new password in the **Confirm Password** field.

Login using the user-name and **current** password as shown [here](#).

The new password will be active from the next user login.

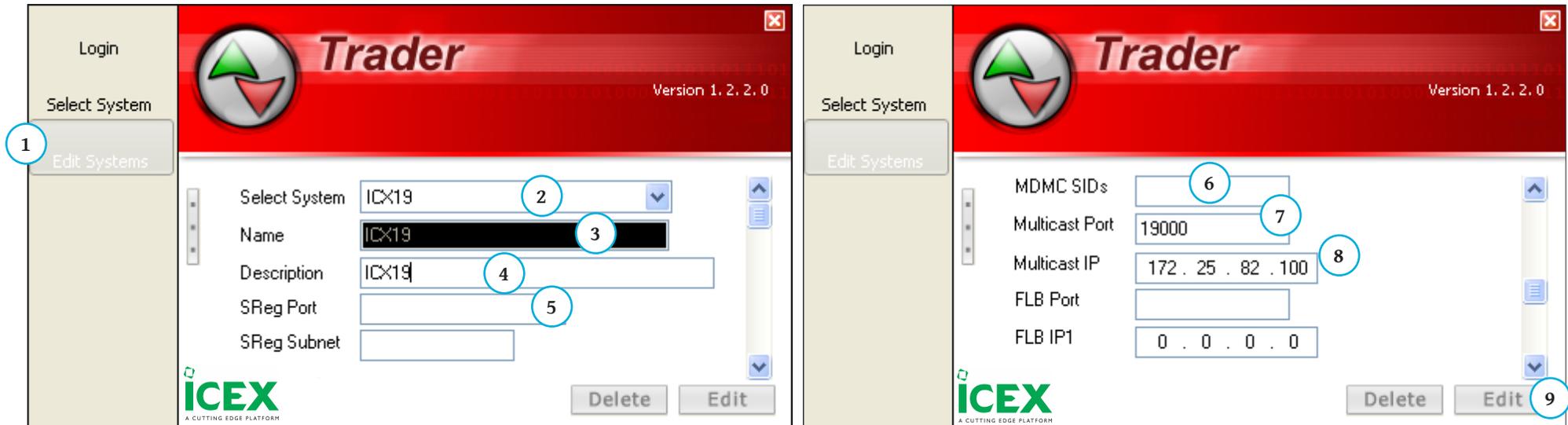
The screenshot shows the 'Trader' application window with the following fields and elements:

- Member ID:** 1 7 0 6
- User ID:** 0 0 3
- Password:** [Masked]
- New Password:** 1
- Confirm Password:** 2
- Load Profile
- Login
- ICEX A CUTTING EDGE PLATFORM

# Getting Started

## Editing a User Environment

1. Select **Edit Systems**.
2. Select a system from the **Select System** list. To Enter a new system, select < *New Entry* > from the **Select System** list.
3. If configuring a new system, enter a name for the system.
4. If required change the **Description**.
5. If required edit the **SReg Port**.
6. If required edit the **MDMC SIDs**.
7. If required edit the **FLB port**.
8. If required edit the **FLB IP**.
9. Click the *Edit* button to save changes.



## Basic Interface Operation

This chapter deals with basic operation of the **Indian Commodity Exchange Trader** Application.

### Window Manipulation

The **Indian Commodity Exchange Trader** Application is designed to be similar in operation to a standard Microsoft Windows® user interface and shares many common features, such as:

### Window Operations

1. *The Minimize button* - Clicking this button minimizes the selected window.
2. *The Maximize button* - Clicking this button maximizes the window to fill the entire workspace.
3. *The Close button* - This button closes the current window.
4. *Window re-sizing* - Some windows may be re-sized by “grabbing” the edge of the window with the mouse pointer and dragging to the desired size. Any window that causes the mouse pointer to change to a double-headed arrow (as shown here ) can be re-sized.
5. *Moving a window* - Any window may be moved by clicking on the title bar and moving the window to its new location.



### Window Controls and Field Behavior

6. *Spin buttons* - Clicking on a Spin button can increase or decrease the selected control by the default Order Quantity or Price Tick for the symbol.
7. *Drop-down list* - Clicking on the arrow  will display a list of all available values for the selected control. You may then select from this list by clicking on the desired value.



# Getting Started

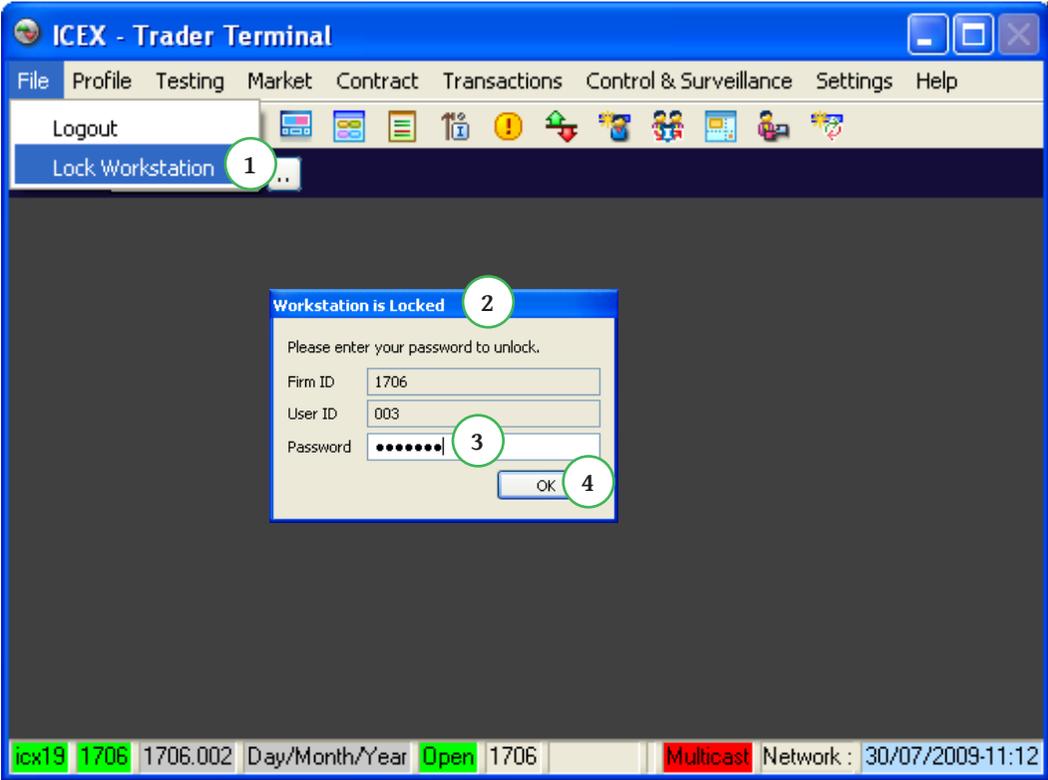
- 8. *Scroll Bars* - A scroll bar allows you to navigate a list which is too large to fit in the display area. The user can scroll through the list by clicking and dragging the scroller or by clicking on the scroll buttons.
- 9. *Tabs* - Some windows such as the **Market Depth** window (shown right) uses Tabs to group controls by relevance. Tabs are also used to select symbols on windows with a Symbol Selection bar.
- 10. *Columns* - Some windows contain information displayed in tabular form. This information may be sorted in ascending order by clicking on a Column Header. Clicking a second time will sort the column in descending order. The third time reverts the column to its original status. An arrow symbol denotes the sort order as follows:
  - Red arrow ▲ - ascending order
  - Blue arrow ▼ - descending order



## Locking the Workstation

The user has the option of locking/unlocking the workstation.

1. Select the *Lock Workstation* option under **File** on the menu bar.
2. The workstation will now be locked and the user will be presented with the **Workstation is Locked** prompt.
3. To unlock the workstation, enter the password - this is the same password used at login.
4. Click *OK*.



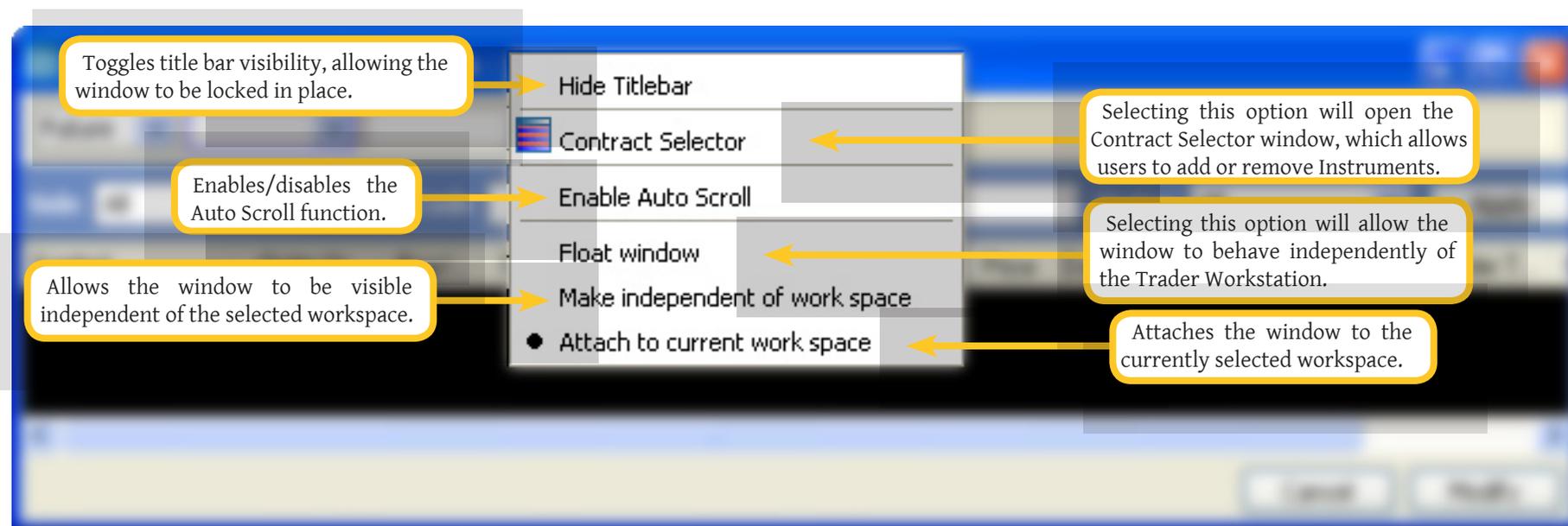
## Common Right-Click Options

The following right-click options appear on all windows in the **Indian Commodity Exchange Trader** application, apart from the Workspace Manager and Preferences windows.

- *Hide Title Bar*
- *Float Window*
- *Make Independent of Workspace*
- *Attach to Current Workspace*

The following additional options may be available.

- *Shrink*
- *Contract Selector*
- *Enable/Disable Auto Scroll*











## Composite Fields

The field type identifies a field as *standard* or *composite*. A composite field is a combination of several standard fields, created by dragging standard fields onto the window as described below.

### To create a Composite Field

Click the  button on the **Table Settings** window. The **Set Composite Field** window (shown right) is displayed.

1. Enter a name for the column.
2. If a column name is not entered, the composite field appears as the column name.
3. Select a field to add from the left panel of the **Table Settings** window.
4. Drag and drop this field on to the **Set Composite Field** window.
5. To add text (characters, etc.) after a field, simply enter it into the **Free Text** box and click *Add*.
6. Select another field to add from the left panel of the **Table Settings** window.
7. Drag and drop this field on to the **Set Composite Field** window.
8. Repeat steps 4 – 7 until the required composite field is created.
9. Click *OK*.

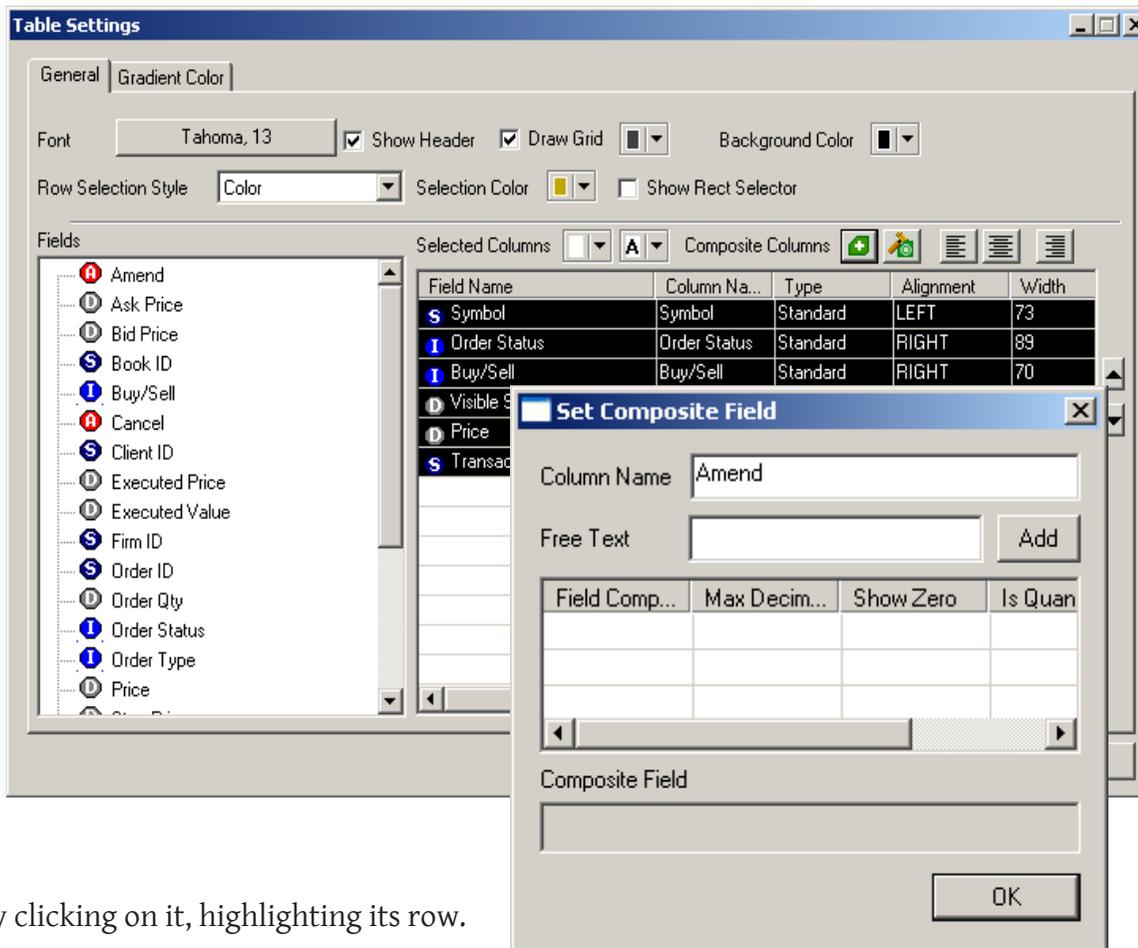
The composite field created is displayed in the right panel of the **Table Settings** window.

### To edit a Composite Field

1. Select an existing composite field to edit from the right panel by clicking on it, highlighting its row.
2. Click the  button on the **Table Settings** window. The **Set Composite Field** window (shown right) is displayed. The field may then be edited.

### To remove a Composite Field

1. Select the composite field to remove from the right panel of the **Table Settings** window.
2. Press the *Delete* key on the keyboard or double-click the field.



## Gradient Color

The user can create a linear gradient color for the table.

### To set a Gradient Color

Example scenario: Set a two color gradient from green to red.

1. Check the **Enable Gradient Color** box.
2. Select *TWO COLOR* as the Gradient Type.
3. Select the **Starting Color**.
4. Select the **Ending Color**.
5. Select the **Text Color**.
6. Set the **Amount of Color Change** slider according to the number of steps to be shown in the gradient.
7. Set the **No of Different Colors** slider according to the number of colors to be shown in the gradient.

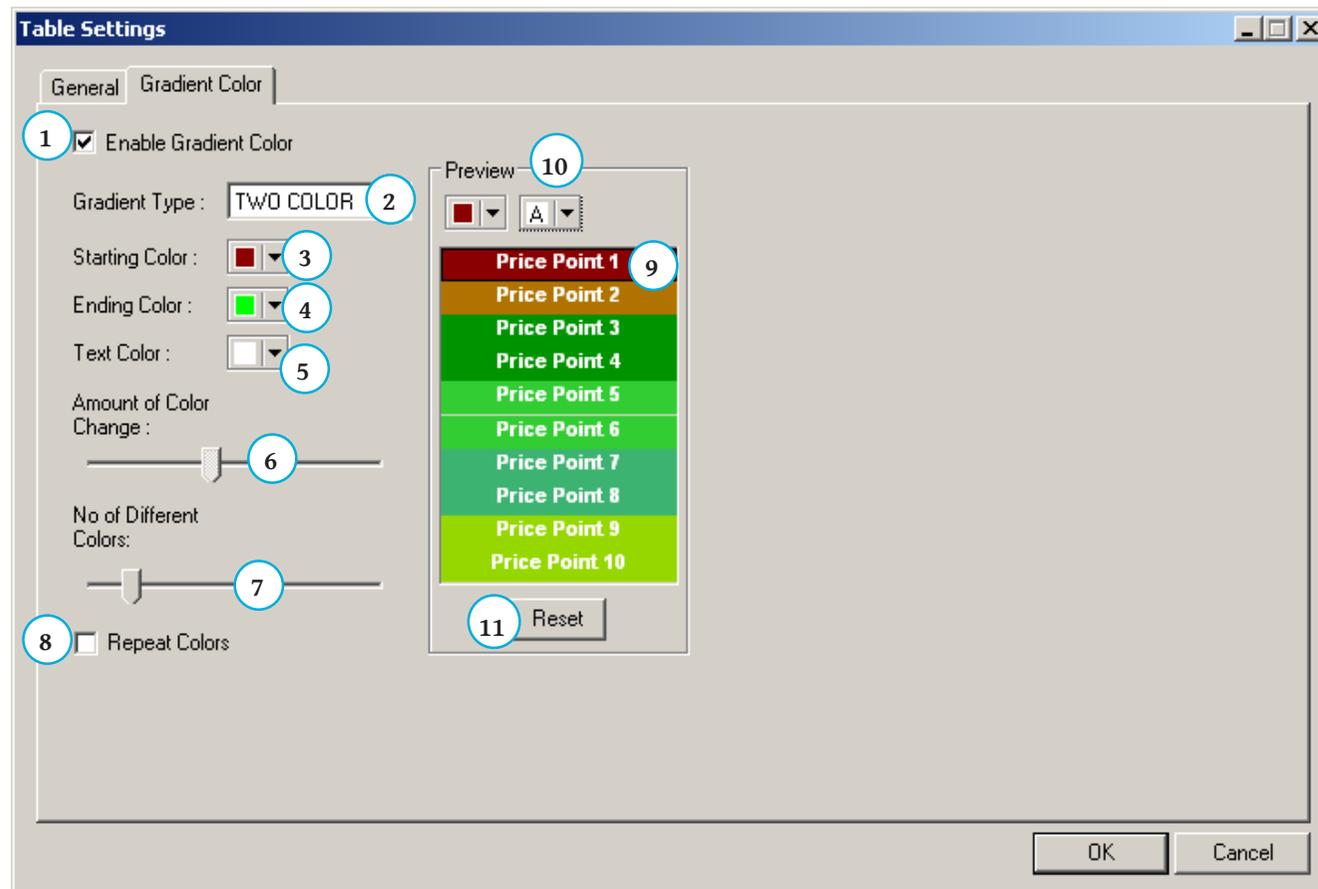
### The Repeat Colors Option

8. Checking the **Repeat Colors** box will make the gradient repeat itself.

### The Preview Option

The **Preview** pane will allow the user to preview color options for individual rows and panes.

9. Select a row in the preview pane.
10. Change the row color and the font color.
11. Use the *Reset* button to revert to the original settings.

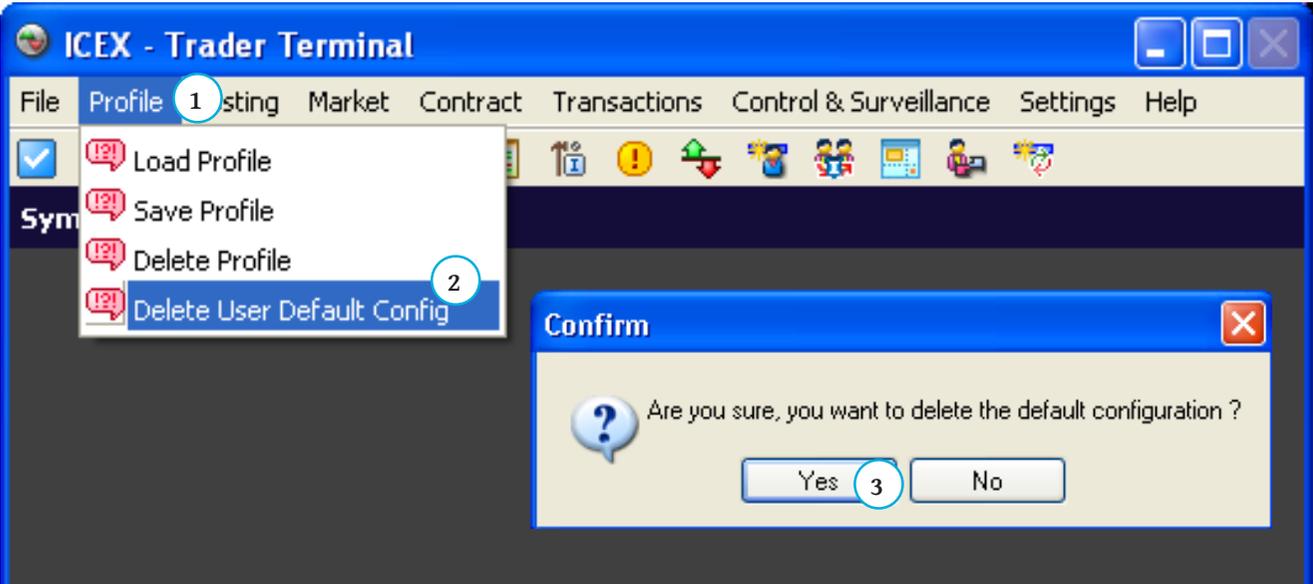
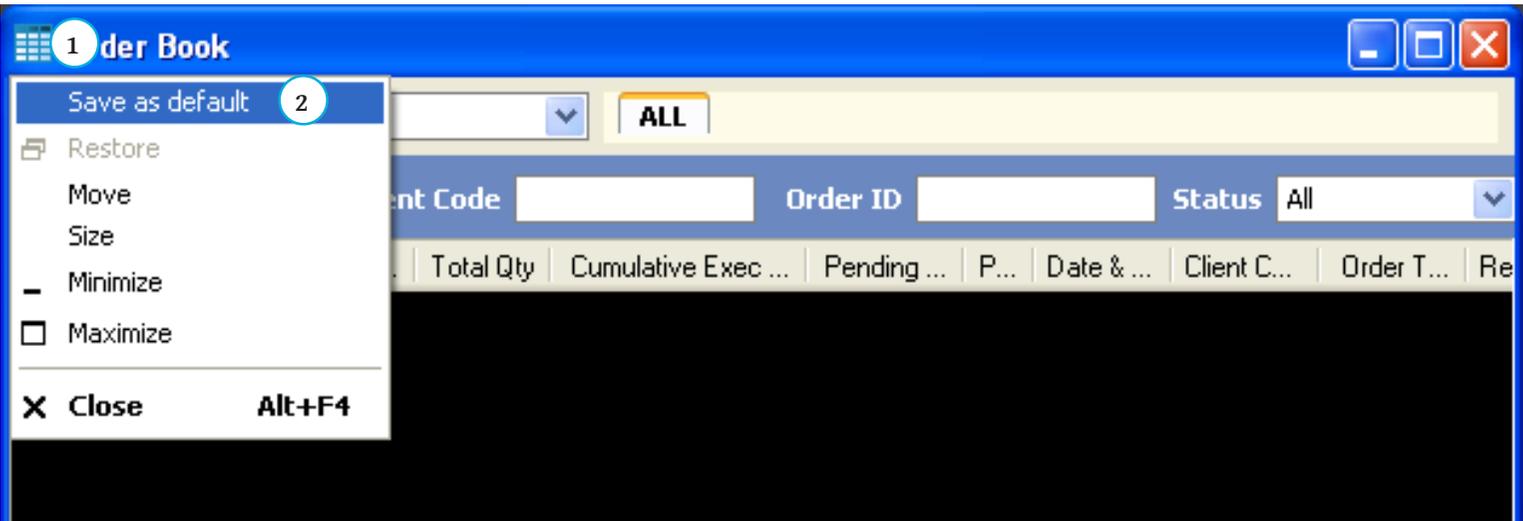


# Getting Started

## Save as Default

Once the user has finalized the table settings for a window, it can be saved as the default setting for that type of window. The layout of any new instances of this window type would follow the default settings.

- 1. Click on the window icon on the title bar
- 2. Select the *Save as default* option



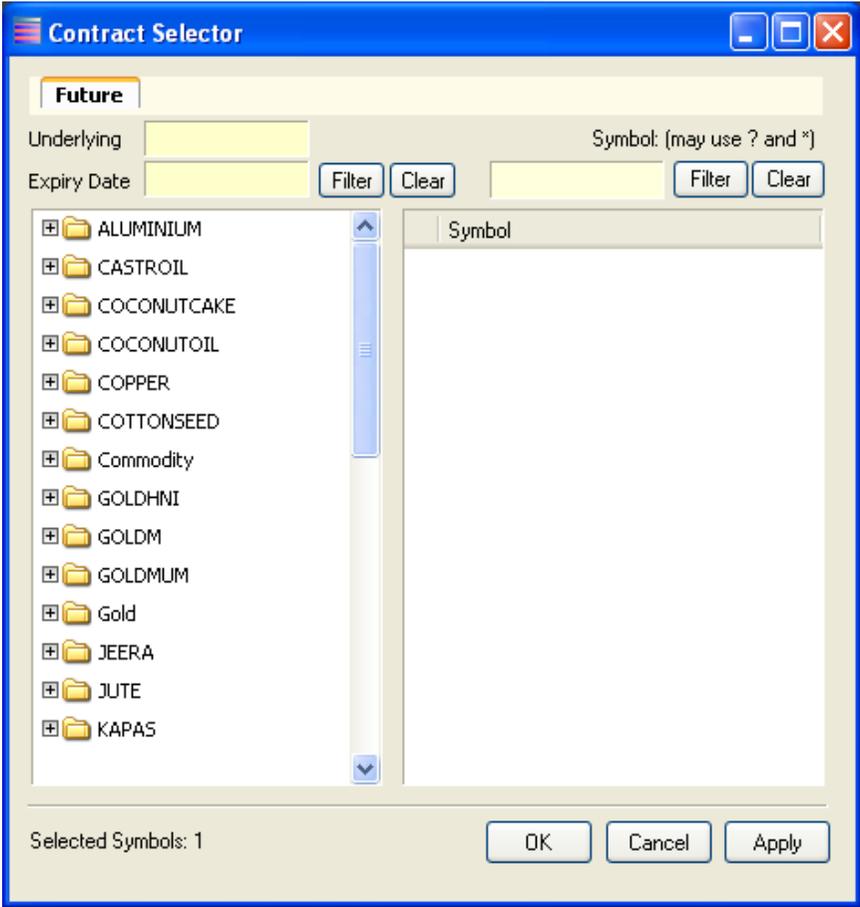
### Deleting Default Configurations

The user can delete the default configurations for all windows using the following steps.

- 1. Click on *Profile* in the menu bar
- 2. Select the *Delete User Default Config* option
- 3. Click *Yes* on the confirmation prompt

# Contract Selector Window

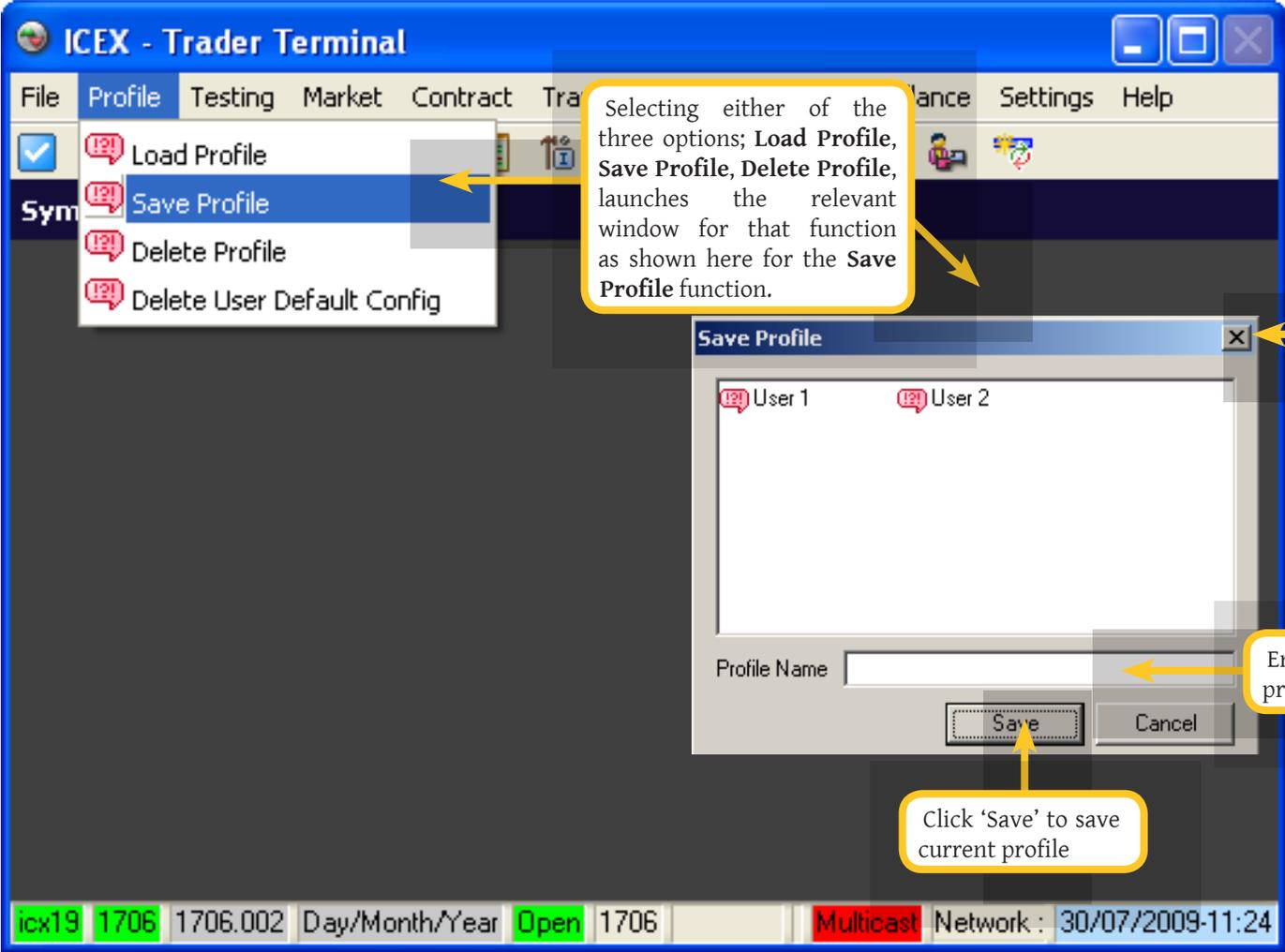
As the number of tradeable symbols is quite large, the **Contract Selector** is a quick means of locating required symbols. It can be invoked through the right-click menus in the **Order Entry**, **Order Book**, **My Trades**, **Market Depth**, **Time and Sales** and **Snap Quote** windows. Alternatively, a hotkey for the **Contract Selector** window can be specified in the **User Preferences** window.



The screenshot shows the 'Contract Selector' window. At the top, there are fields for 'Underlying' and 'Expiry Date', both with yellow callouts: 'Filters by Underlying Instrument.' and 'Filters by Expiry Date.' respectively. To the right of these fields are 'Filter' and 'Clear' buttons, with callouts: 'Applies filter criteria' pointing to the 'Filter' button and 'Removes all filters.' pointing to the 'Clear' button. Further right is a 'Symbol: (may use ?)' field with a 'Filter' button, and a callout: 'Restricts the symbol list based on the criteria given (wild cards such as "?", and "\*" can be used).' Below the input fields is a tree view on the left showing folders for 'ALUMINIUM' (with sub-folders for dates from 2011/01/10 to 2011/07/10) and other commodities like 'CASTROIL', 'COCONUTCAKE', 'COCONUTOIL', 'COPPER', 'COTTONSEED', and 'Commodity'. On the right is a list of symbols, with 'ALUMINIUMJAN11' through 'ALUMINIUMJUN11' visible. A right-click context menu is open over the 'ALUMINIUMJUN11' entry, showing options: 'Hide Titlebar', 'Select All', 'Unselect All', 'Order Entry' (checked), 'Market Depth', and 'My Trades'. A callout box points to this menu with the text: 'The following options are available for the selected symbol via the right-click menu: Open a new Order Entry window, Open the Market Depth window, Open the My Trades window, The windows will be populated based on data for that instrument.' At the bottom of the window, it says 'Selected Symbols: 1' and has 'OK', 'Cancel', and 'Apply' buttons.

# Profiles

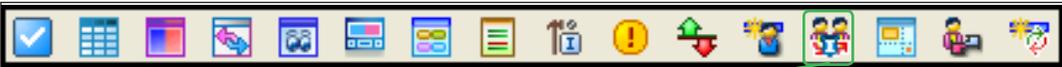
The **Indian Commodity Exchange Trader** application allows the user to configure the layout of the interface and save layouts for future use as profiles. Loading, saving and deleting profiles is achieved using **Window Profiles** which can be accessed through the menu bar. The user is able to have multiple user profiles per user login. These profiles allow the user to create and save specific window layouts for later access. The saved layouts include the instruments selected for each window.



## Last Seen Profile

The user has the option to automatically save the profile on exit. This will save the last seen profile. At the next instance the user logs into the Trader front-end, the last seen profile will load. The user then has the option to load any previously saved profile.

To configure the last seen profile:

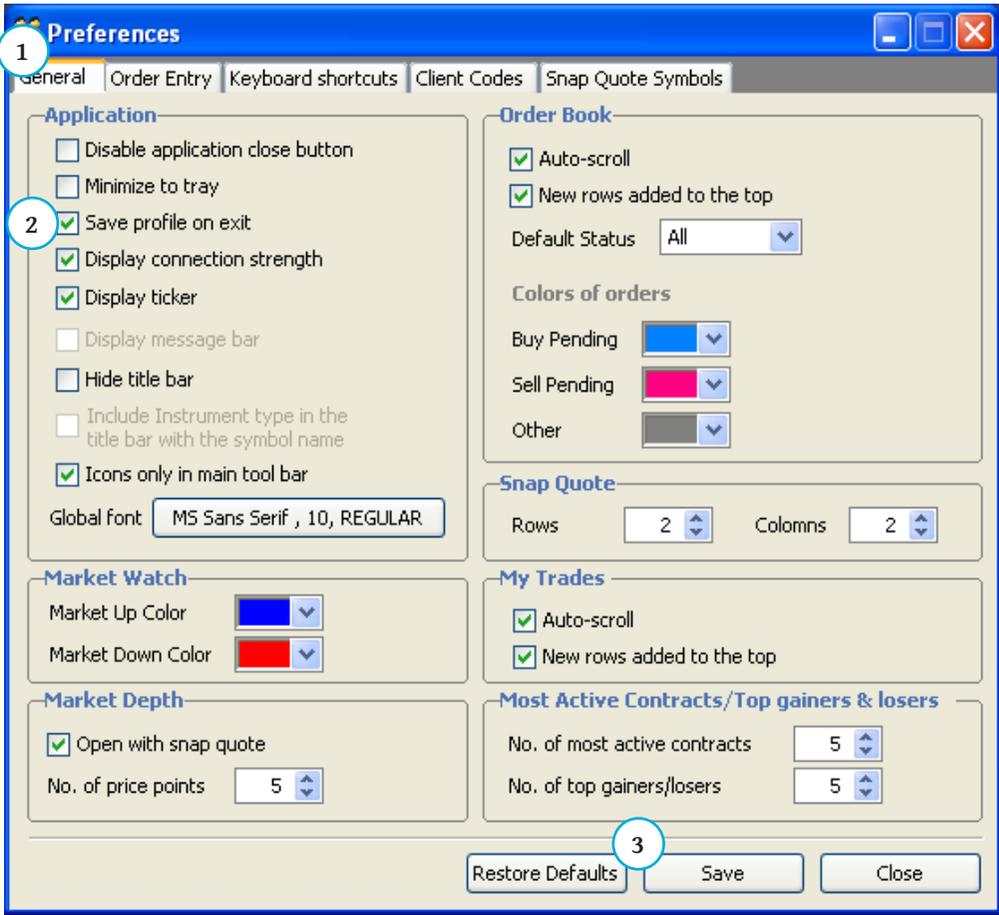


### Getting Started

To open the Preferences window:

1. Click the Preferences button on the toolbar.
2. Select the Preferences option under Settings on the menu bar.

1. Select the **General** tab.
2. Check the *Save profile on exit* option.
3. Click *Save & Close*.



**Note:**  
In order for the last seen profile to load at the next login, the **Load Profile** option has to be checked in the **Login Screen**. Please refer the chapter titled **Login** for further details.

## Workspaces

The **Indian Commodity Exchange Trader** front-end supports multiple workspaces. A workspace is an option to increase screen real-estate, by configuring the Trader application to consist of multiple pages or workspaces, each one of them containing various windows. In each workspace, the layout of windows can be configured differently. The user can configure workspaces using the **Workspace Manager** window.



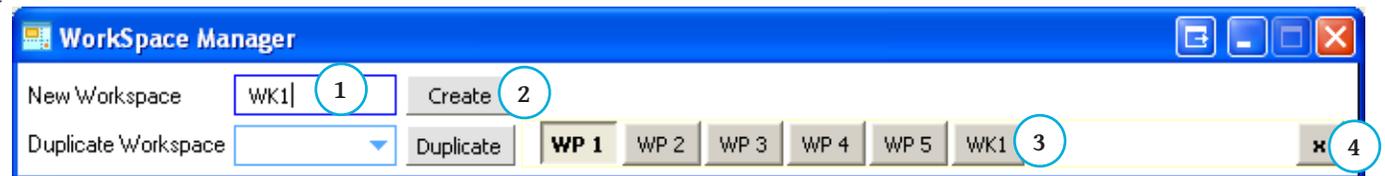
### Getting Started

To open the Workspace Manager:

1. Click the Workspace Manager button on the tool bar.
2. Select **Settings > Workspace Manager** on the menu bar
3. Use the hotkey defined in the Preferences window

### To create a new workspace

1. In the **Workspace Manager** window, enter a name for the **New Workspace** (<10 characters).
2. Click *Create*.
3. The new workspace will appear as a new button.
4. To delete a workspace, simply select the workspace and click the **x** button



### To duplicate a workspace

The user can copy the layout in one workspace to another workspace as shown below:

1. In the **Workspace Manager** window, select an existing workspace.
2. Select the source workspace (to clone from)
3. Click *Duplicate*.



# Preferences Window

The **User Preferences** window is used to fine-tune the functionality of other windows in the **Indian Commodity Exchange Trader** application. This window can also be used to define hot keys for accessing windows and window-specific functionality. Only one preference window can be opened and it is independent of workspaces.

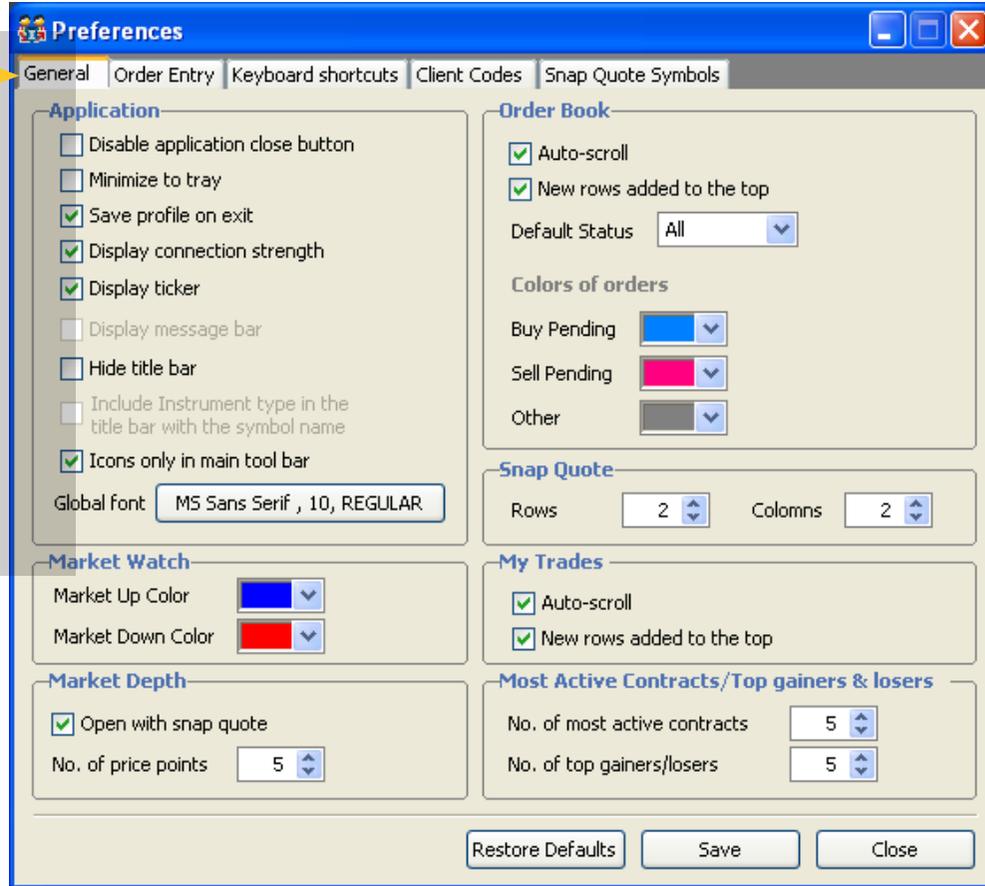


### Getting Started

- Use one of the following methods:
1. Click the User Preferences Button (shown here)
  2. Select **Settings > Preferences**
  3. Use the hotkey defined in the Preferences window

Preferences are grouped into the following sections:

- General
- Order Entry
- Keyboard shortcuts
- Client Codes
- Snap Quote Symbols



## General Preferences

This tab enables the user to configure general preferences that affect the behavior of the Trader application. Under the General tab the user can configure the following;

### Application

Allows the user to change the following general settings across all windows:

- Disable application close button
- Minimize to tray
- Save profile on exit
- Display connection strength
- Display ticker
- Hide title bar
- Icons only in main tool bar
- Global font

### Market Watch

Allows the user to configure these aspects of the **Market Watch** window:

- Market Up Color
- Market Down Color

### Market Depth

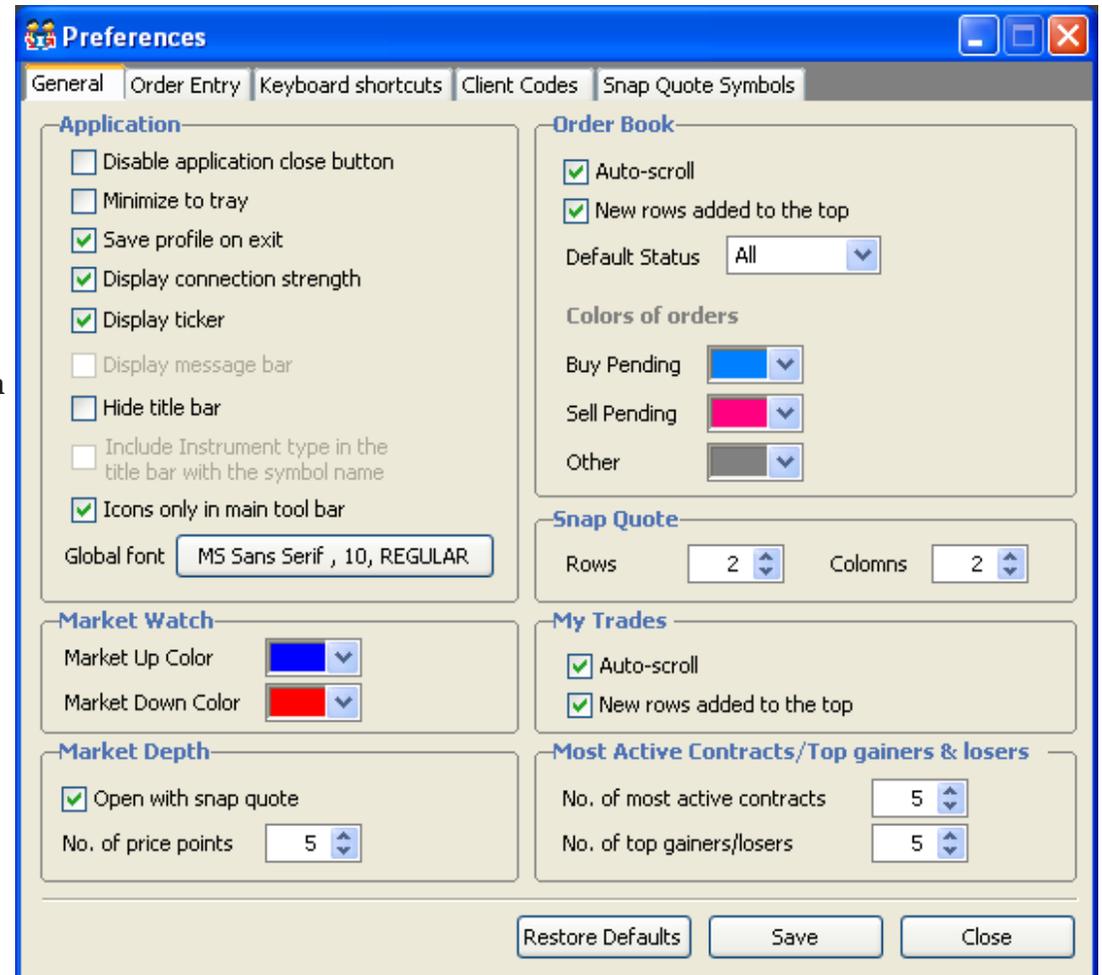
Allows the user to configure the **Market Depth** window by specifying;

- Open with snap quote (enable / disable)
- Number of price points

### Order Book

Allows the user to configure the **Order Book** window by specifying;

- New records added to the Top (enable / disable)
- Auto-scroll (enable / disable)
- Default Status (All / Cancelled / Filled / Open / Pfilled / Rejected)
- Colors of Orders (Buy Pending / Sell Pending / Other)



# Getting Started

## Snap Quote

Allows the user to configure the **Snap Quote** window by specifying;

- Number of Rows
- Number of Columns

## My Trades

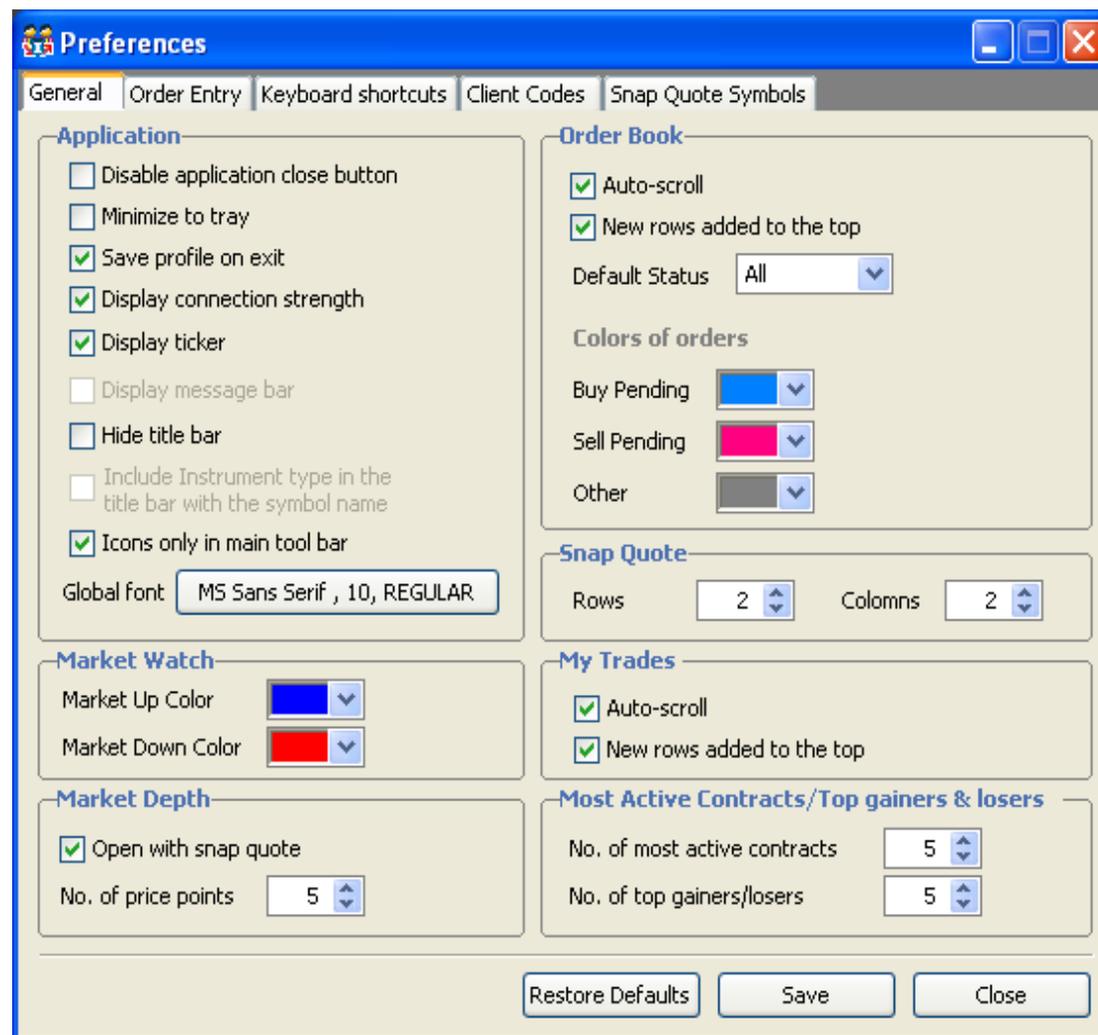
Allows the user to configure the **My Trades** window by specifying;

- Auto-scroll (enable / disable)
- New rows added to the top (enable / disable)

## Most Active Contracts/Top gainers and losers

Allows the user to specify;

- Number of most active contracts
- Number of top gainers or losers



### Note:

The *Auto Scroll* option can also be enabled and disabled by right-clicking on individual windows and selecting the option from the displayed menu.

## Order Entry Preferences

This tab allows the user to change settings related to order entry

### Order Confirmation

- New Order
- Order Amendment
- Market Order
- Order Cancellation
- Client Code Modification

### Quick Lots

- Sets the user defined quantities for each **Quick Lots** button

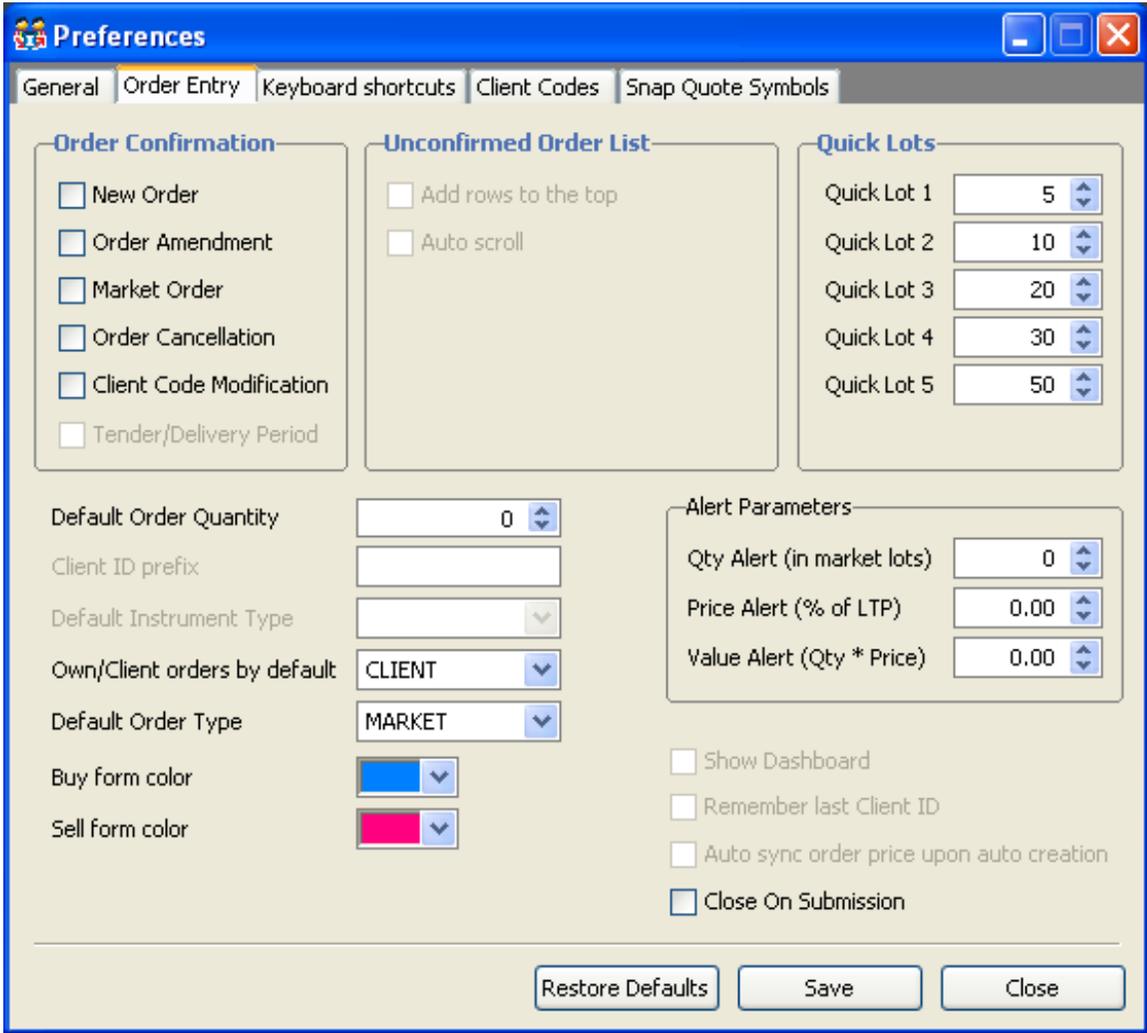
### Other

- Default Order Quantity
- Own/Client orders by default
- Default Order Type
- Buy form color
- Sell form color
- Close on Submission

### Alert Parameters

Allows the user to specify parameters for the following:

- Quantity Alert (in market lots)
- Price Alert (percentage of LTP)
- Value Alert (Quantity x Price)



## Keyboard Shortcuts

This tab allows users to change the default shortcut keys which allow them to access general application windows and perform certain window-specific functions.

To specify a hot key for a window or a functionality:

1. Select the classification from the drop-down selector.
2. Select the function.
3. Click in the **Key** column and press 'Ctrl' + <key> on the keyboard (eg: Ctrl+D).
4. Click the *Save* button.
5. Clicking the *Restore Defaults* button will reset all shortcut keys to the default values.
6. Select a function and click the *Delete* button to clear the **Key** field.

### General

- Shortcut keys can be defined for opening the main windows of the application.

### Application

- Allows the user to define shortcut keys for basic application operations.

### Active Window

- Shortcut keys can be defined to access the attributes of the currently active window.

### Market Depth

- Allows the user to define shortcut keys for **Market Depth** window functions.

### Market Watch

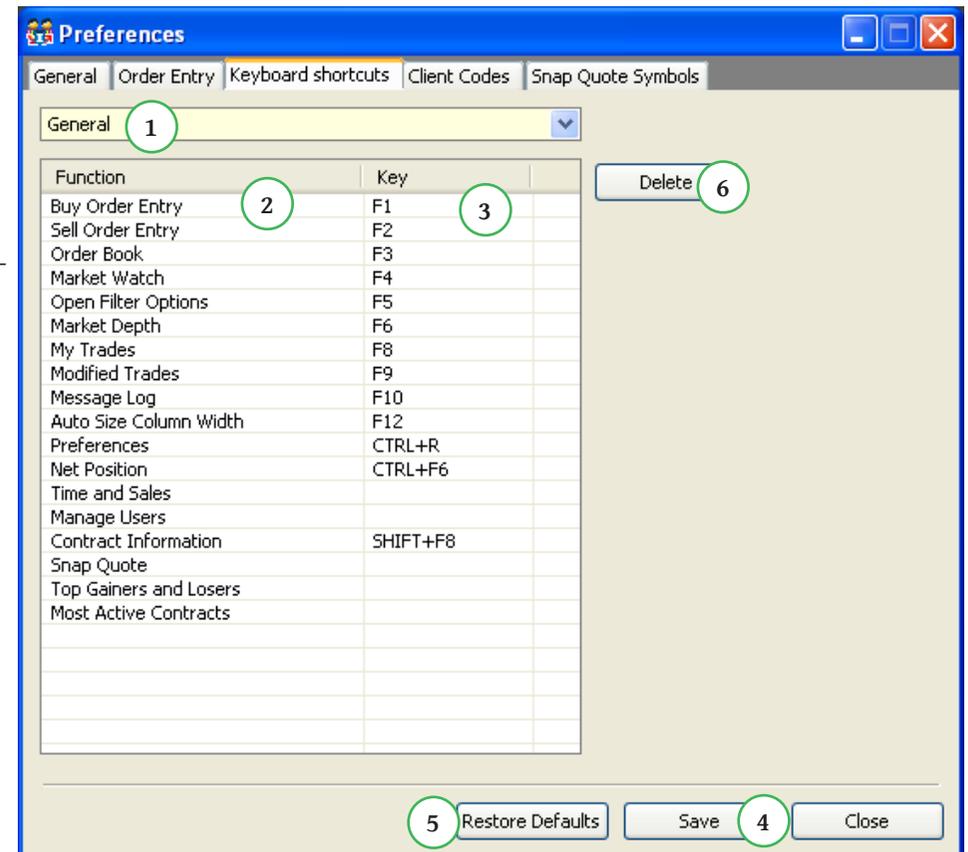
- Allows the user to define shortcut keys for **Market Watch** window functions.

### New Order

- Allows the user to define shortcut keys for **New Order** window functions.

### Order Book

- Allows the user to define shortcut keys for **Order Book** window functions.



## Client Codes, Snap Quote Symbols

### Client Codes

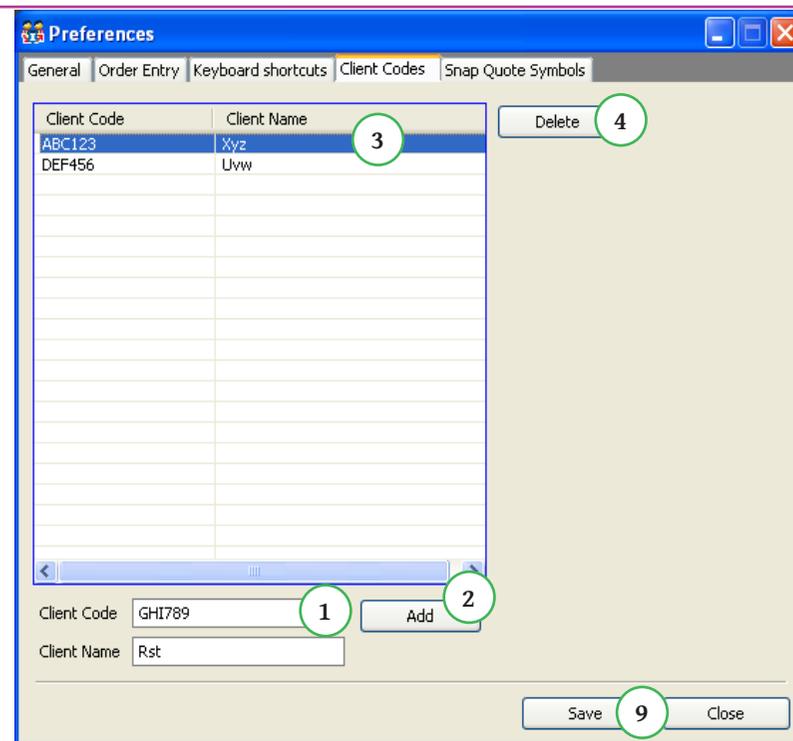
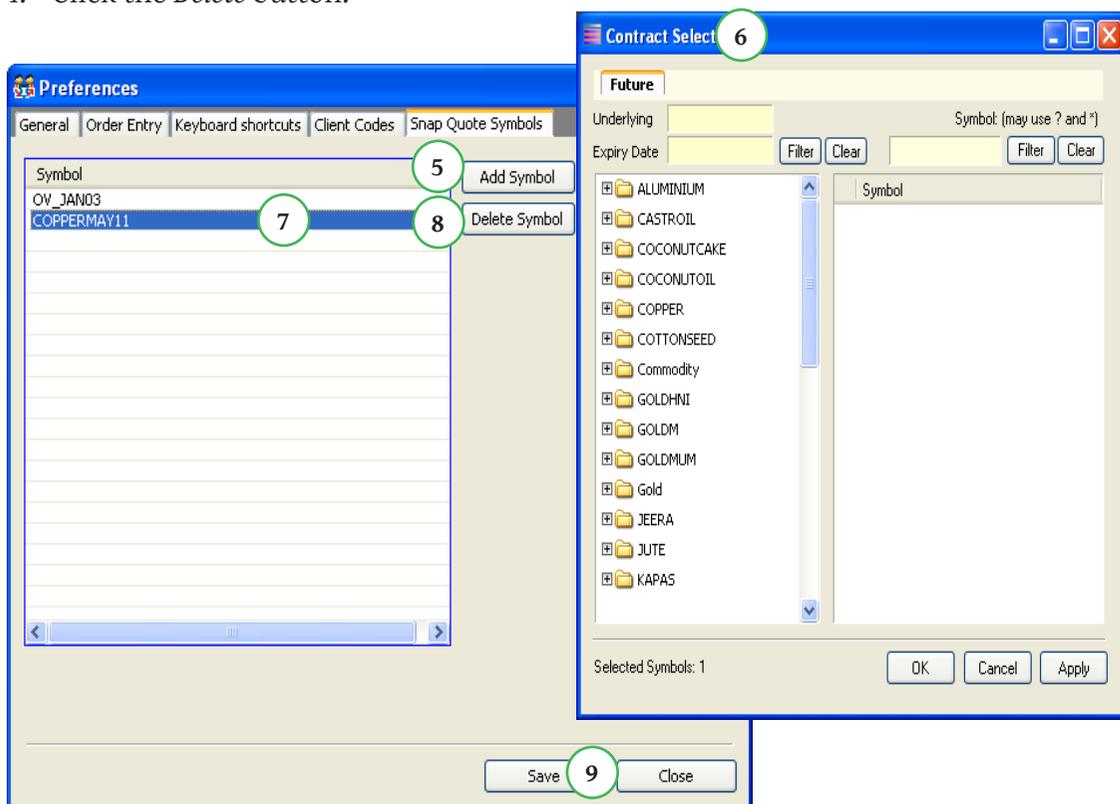
This tab allows users to define frequently used Client Codes and make them appear in the drop-down list on the **Order Entry** window. The **Client Name** field can also be updated here so that the field is filled when the relevant Client Code is selected.

To add a new Client Code:

1. Fill the **Client Code** field and enter the **Client Name**.
2. Click the *Add* button.

To delete a Client Code:

3. Select the Client Code to be deleted
4. Click the *Delete* button.



### Snap Quote Symbols

This adds instruments to be displayed on the **Snap Quote** window.

To add a symbol:

5. Click the *Add Symbol* button.
6. This will display the **Contract Selector** window. Select the required instrument from this window. For more information on the **Contract Selector** window, click [here](#).

To delete a symbol:

7. Select the symbol to be deleted by clicking on it
8. Click the *Delete* button
9. Click the *Save* button to save all changes.

# Concepts

## Index of Concepts

---

This section lists and describes concepts used in the **International Multi-Commodity Exchange Trader** Application.

### Concept

### Description

**MBO (Market By Order)**

Publishes the following real-time data for each *order*:

- Instrument
- Price
- Number of contracts (i.e. – quantity)
- Side

**MBP (Market By Price)**

Displays the following real-time data for each *price point*:

- Instrument
- Price
- Number of contracts (i.e. – quantity)
- Number of order (i.e. splits)
- Side

**TIF (Time In Force)/Validity**

The types of validities which can be specified for an order. These are:

- Day - Day orders
- GTC - Good Till Cancel orders
- GTD - Good Till Date orders
- GTT - Good Till Time orders
- IOC - Immediate or Cancel orders

**Day (Day orders)**

Day orders expire at the end of trading on the day on which they are submitted.

**GTC (Good Till Cancel orders)**

GTC orders are valid until cancelled by the user.

**GTD (Good Till Date orders)**

GTD orders expire at the end of trading on the day specified by the user.

**GTT (Good Till Time orders)**

These orders expire during the trading day at a time specified by the user.

**IOC (Immediate or Cancel orders)**

An order for which the maximum possible quantity will be filled on receipt, with the remainder expiring immediately.

**Interface**

**Note:**

**Please bear in mind that any screen captures that you may view in this User Manual may display assumed Trader names, symbols, prices etc.**

## Order Entry Window

The **Order Entry** window is the primary order entry window for all users of the **Indian Commodity Exchange Trader** workstation. It consists of two main views; i.e. the Summary View (shown below) and the Advanced Options View. All basic order entry options will be available in the Summary View.

Before an instrument is selected, the **Order Entry** window defaults to a grey window with inactive fields. Once an instrument has been selected, the contents of the fields can be edited and the window will change colour based on the **Side** selected.



### Getting Started

Use one of the following methods:

1. Click the New Order button (shown here)
2. Select **Transactions > Order Entry** on the menu bar
3. Use the hotkey defined in the Preferences window

Order Entry

Future

Snap Quote  Sync

Order Type	Side	Price	Size	Disclosed Size	Validity	Expiry Date
<input type="text"/>	<input type="text"/>	0.00	0	0	<input type="text"/>	<input type="text"/>

Own/Cli	Trigger Price	Client Code	Client Name	Trader ID	Remarks
<input type="text"/>	0.00	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Quick Lots: >>

Unconfirmed Orders: >>

### Note:

- Double-clicking on any of the following in the **Market Watch** window will populate the window based on the price source clicked:
  - (a) Best bid price
  - (b) Best bid size
  - (c) Best offer price
  - (d) Best offer size
  - (e) Any other column in the window (which will associate the window with the last traded price)
- Double-clicking on any of the following on the **Snap Quotes** window will populate the window based on the price source clicked:
  - (a) Best bid price
  - (b) Best offer price
  - (c) Last trade price

Instrument Type, Underlying Instrument, Order Type, Side, Price, Size, Validity

The user may select the required **Underlying Instrument** from this drop-down list. After selecting the instrument (and Expiry Date, if applicable), press the *Enter* key to accept and open a new tab. Other fields will be inactive and cannot be edited until an instrument has been selected.

**Expiry Date** of the instrument

The **Side** selection drop-down contains the values **Buy** and **Sell**. Clicking the drop-down at any time will enable the user to switch between modes. Depending on the side selected, the window will change color. The default color is blue for BUY and red for SELL. For more details refer the section on *Order Entry Preferences* in the chapter on User Preferences.

This control allows the user to specify the **Order Size** by typing the quantity directly into the text box or by using the spin buttons.

The user may select the **Instrument type** from this drop-down list.

This drop-down menu allows the user to specify the **Validity** (TIF) of an order.

The screenshot shows the 'Order Entry' window with the following fields and controls:

- Instrument Type:** Future
- Underlying Instrument:** COCONU..
- Expiry Date:** 10JAN2011
- Instrument Name:** ALUMINIUMJAN11
- Order ID:** OT\_JAN01
- Buttons:** Snap Quote, Sync
- Order Type:** LIMIT
- Side:** BUY
- Price:** 15.35
- Size:** 700
- Disclosed Size:** 400
- Validity:** DAY
- Expiry Date:** (empty)
- Own/Cli:** CLIENT
- Trigger Price:** 0.00
- Client Code:** ABC123
- Client Name:** (empty)
- Trader ID:** 1706.003
- Remarks:** (empty)
- Buttons:** BUY, Clear
- Quick Lots:** >>
- Unconfirmed Orders:** >>

The **Order Type** drop-down list contains the following values:

- Limit
- Market
- Stop
- Stop limit

If the value Market or Stop is selected, the price field is disabled.

Use the **Price Entry** control to enter or modify the price for a new order by typing the price directly into the **Price Entry** textbox or by using the **Price Entry** spin buttons.

- Available Options for Validity**
1. **Day (Day Orders)** - Day orders will expire at the end of trading on the day they are submitted
  2. **Good Till Cancel (GTC)** - GTC orders will be valid until cancelled by you.
  3. **Good Till Date (GTD)** - GTD orders will expire at the end of trading on the day specified by you
  4. **Good Till Time (GTT)** - GTT orders will expire during the trading day at a time specified by you
  5. **Immediate or Cancel (IOC)** - An order that will be filled as much as possible on receipt with the remainder immediately expiring

# Interface

## Sync, Own/Cli, Client Code, Client Name, Disclosed Size, Expiry Date/Time, Quick Lots

Synchronizes the window with a price source. For example, selecting this check box while the Buy side is selected synchronizes the window with the *Best Offer* price for that symbol.

The **Client Name** appears automatically if the relevant Client Code has been entered in the *Client Codes* section of the **Preferences** window. This field cannot be edited.

The **Client Code** can be specified here, either by selecting the pre-defined Client Code from the drop-down list (see *User Preferences - Client Codes*), or by entering it here. The contents of this field must be alphanumeric.

The **Disclosed Size** indicates the quantity to be visible out of the total order quantity.

The **Expiry Date/Time** field will only be enabled when the **Validity** (TIF) selected is GTD or GTT. The format will be DD:MM:YY for GTD and HH:MM:SS for GTT.

Identifies the 'Owner' / 'Client' of the order - when submitting orders on behalf of traders within a group (node) or within the firm.

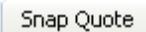
The screenshot shows the 'Order Entry' window with the following fields and controls:

- Instrument: Future, ALUMINIUM, 10JAN2011, ALUMINIUMJAN11, DOT\_JAN01
- Buttons: Snap Quote, Sync
- Order Type: MARKET, Side: BUY, Price: 0.00, Size: 0, Disclosed Size: 0, Validity: DAY, Expiry Date: (disabled)
- Own/Cli: CLIENT, Trigger Price: 0.00, Client Code: (dropdown), Client Name: (disabled), Trader ID: 1706.003, Remarks: (text box), BUY, Clear
- Quick Lots: 5, 10, 20, 30, 50, Lot Size: 100
- Unconfirmed Orders: (dropdown)
- Table with columns: Symbol, Order Type, Price, Size, Expiry Date

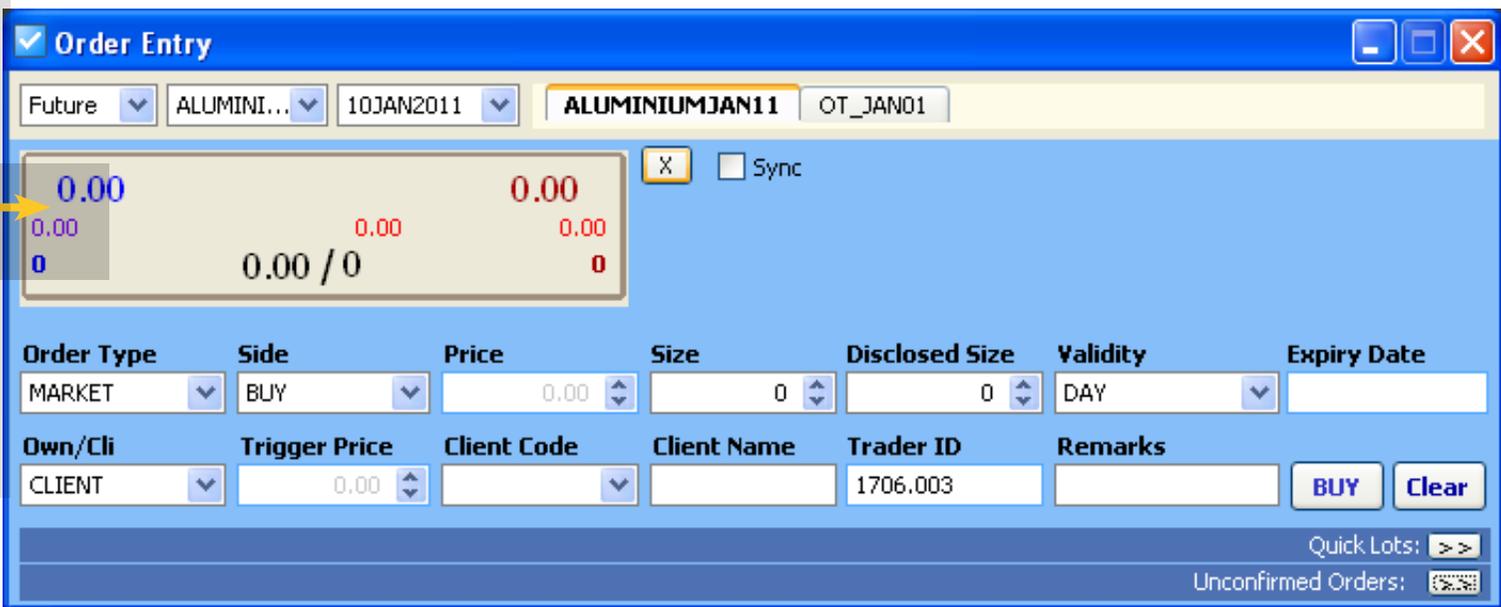
**Quick Lots** are used to facilitate predefined lots selected for order entry. The lots assigned to each button can be configured by the user (see **Order Entry Preferences**). The row of buttons simply replaces the size/visible size entities for the order. To update the fields, select the field and then click the relevant **Quick Lots** button.

This option enables the user to view the recent orders placed that have not reached the Exchange, although they have left the Trader front-end. The orders displayed are not limited to the selected instrument.

### Snap Quote

A snap quote can be invoked within the order entry form by clicking the  button.

- The snap quote displays information relating to the selected instrument. This will include the following information:
- Best Buy Price
  - Best Buy Movement
  - Best Buy Quantity
  - Net Direction
  - Best Sell Quantity
  - Best Sell Price
  - Best Sell Movement
  - Last Traded Price
  - Last Traded Quantity



**Order Entry**

Future | ALUMINI... | 10JAN2011 | **ALUMINIUMJAN11** | OT\_JAN01

0.00 | 0.00 | 0.00  
0.00 | 0.00 | 0.00  
0 | 0.00 / 0 | 0

Order Type	Side	Price	Size	Disclosed Size	Validity	Expiry Date
MARKET	BUY	0.00	0	0	DAY	

Own/Cli	Trigger Price	Client Code	Client Name	Trader ID	Remarks
CLIENT	0.00			1706.003	

BUY Clear

Quick Lots: >>>  
Unconfirmed Orders: <<<<

# Order Book Window

The **Order Book** window allows the user to track the status of his/her orders and manage orders and executions. Order information related to all orders submitted by the trader are displayed by default. In addition, a user can select a specific instrument in order to view information for that instrument. The filter options available in this window help the user to sort and view only the required information. The display of order information can be configured.



### Getting Started

- Use one of the following methods:
1. Click the Order Book button (shown here)
  2. Select **Transactions > Order Book** on the menu bar
  3. Use the hotkey defined in the Preferences window

Symbol	Expiry Date	Order Status	Buy/Sell	Total Qty	Cumulative Exec Qty	Pending Qty	Price	Date & Time	Client Code	Order Type	Reason
COCONUTCAKE	10JAN2011	Pending	BUY	100		100.00	15.00	29/07/2009-14:08:23	ABC123	LIMIT	
COCONUTCAKE	10JAN2011	Pending	SELL	700		700.00	15.35	29/07/2009-14:08:07	ABC123	LIMIT	
ALUMINIUM	10JAN2011	Pending	SELL	2,500	2,100.00	400.00	12.00	29/07/2009-14:07:49	ABC123	LIMIT	Market order convert
ALUMINIUM	10JAN2011	Executed	BUY	200	200.00			29/07/2009-14:07:31	ABC123	MARKET	
ALUMINIUM	10JAN2011	Executed	BUY	200	200.00			29/07/2009-14:07:29	ABC123	MARKET	

### Filters and Field Settings

The user has the option of filtering the orders shown in the **Order Book**. If an instrument is not selected, filters are applied to all Instruments.

Specifying these allows the user to filter orders by symbol. Select the appropriate details and press the *Enter* key to open a new tab for the selected instrument.

Click the **Apply** button to filter orders by selected criteria.

Instrument type (defaults to Future)  
Underlying Instrument  
Instrument Expiry Date

The **Side** filter allows the user to view the Order Book for either buy or sell orders. Selecting the **All** option will show orders for both sides.

The **Clear** button removes all filters apart from the Symbol/Instrument filter.

The screenshot shows the 'Order Book' window. At the top, there are dropdown menus for 'Instrument type' (set to 'Future'), 'Underlying Instrument', and 'Instrument Expiry Date'. Below these is a 'Side' dropdown set to 'All'. Further down are input fields for 'Client Code', 'Order ID', and 'Entered By' (set to '1706.003'), and a 'Status' dropdown set to 'All'. To the right of these fields are 'Apply' and 'Clear' buttons. Below the filters is a table with the following data:

Symbol	Expiry Date	Order Status	Buy/Sell	Total Qty	Cumulative Exec Qty	Pending Qty	Price	Date & Time	Client Code	Order Type
COCONUTCAKE	10JAN2011	Pending	BUY	100		100.00	15.00	29/07/2009-14:08:23	BC123	LIMIT
COCONUTCAKE	10JAN2011	Pending	SELL	700		700.00	15.35	29/07/2009-14:08:07	BC123	LIMIT
ALUMINIUM	10JAN2011	Pending	SELL	2,500	2,100.00	400.00	12.00	29/07/2009-14:07:49	BC123	LIMIT Market order converted
ALUMINIUM	10JAN2011	Executed	BUY	200	200.00			29/07/2009-14:07:31	BC123	MARKET
ALUMINIUM	10JAN2011	Executed	BUY	200	200.00			29/07/2009-14:07:29	BC123	MARKET

At the bottom right of the window are 'Cancel' and 'Modify' buttons.

Fields may be rearranged by dragging and dropping their column headers to a new position. Fields may also be added or removed using the **Table Settings** window which can be accessed via the right-click menu. The displayed orders can also be sorted according to any attribute by clicking on the column header.

Filters by **Client Code**

Filters by **Order ID**

Filters by the ID of the trader who entered the order

Cancels the selected order

Modifies the order

Using the **Status** filter, orders can be filtered according to the following criteria:  
*All* - Retrieves all orders for the day of the selected instrument  
*Pending* - Retrieves the Open (including pending, partially filled and modified) orders of the selected instrument  
*Executed* - Retrieves the Filled orders of the selected instrument  
*Cancelled* - Retrieves the Cancelled and Expired orders of the selected instrument (includes Expired orders)  
*Rejected* - Retrieves the Rejected orders of the selected instrument

### Default Fields

The screenshot shows an 'Order Book' window with a table of orders. Callouts provide the following explanations:

- Buy/Sell:** Shows whether the order is a Buy or Sell order.
- Pending Qty:** The portion of the order that has not yet been executed.
- Client Code:** The Client Code for which the order was placed.
- Order Type:** The Order Type will be one of the following: Market, Limit, Stop, or Stop Limit.
- Order Status:** The current state of the order submitted. The status can be one of the following: Filled, PFill, Open, Rejected, Cancelled and Expired.
- Cumulative Exec Qty:** The total quantity that has met with execution. (Total Qty - Pending Qty)
- Date & Time:** Shows the date & time the order was received by the backend system (includes seconds) - Displayed as "Time and Date" HH:MM:SS - DD/MM/YY (date format as per user settings).
- Reason:** Any available reason for the current state of the order.

Symbol	Expiry Date	Order Status	Buy/Sell	Total Qty	Cumulative Exec Qty	Pending Qty	Price	Date & Time	Client Code	Order Type	Reason
COCONUTCAKE	10JAN2011	Pending	BUY	100		100.00	15.00	20/07/2009-14:08:23	ABC123	LIMIT	
COCONUTCAKE	10JAN2011	Pending	SELL	700		700.00	15.35	20/07/2009-14:08:07	ABC123	LIMIT	
ALUMINIUM	10JAN2011	Pending	SELL	2,500	2,100.00	400.00	12.00	20/07/2009-14:07:49	ABC123	LIMIT	Market order convert
ALUMINIUM	10JAN2011	Executed	BUY	200	200.00			20/07/2009-14:07:31	ABC123	MARKET	
ALUMINIUM	10JAN2011	Executed	BUY	200	200.00			20/07/2009-14:07:29	ABC123	MARKET	

# Market Depth Window

This window enables the user to view the book depth of an instrument. The **Trader Configuration Manager** will permit any field to be added to the **Market Depth** definition so it can be selected for the **Market Depth** window. Market Depth can be either Spatial or Multicast. Using Spatial Market Depth, the user has the option of viewing orders according to MBO (Market By Order) or MBP (Market By Price).

Specifying these allows the user to filter orders by symbol. Select the appropriate details and press the *Enter* key to open a new tab for the selected instrument.



### Getting Started

- Use one of the following methods:
1. Click the Market Depth window button (shown here)
  2. Select **Market > Market Depth** on the menu bar
  3. Use the hotkey defined in the Preferences window

Instrument type      Underlying Instrument      Instrument Expiry Date

Splits	Qty	Price	Price	Qty	Splits

LTP	0.00	PDC	0.00		
LTQ	0.00	High	0.00		
Volume	0.00	Low	0.00		
Value (In lacs)	0.00	Open	0.00	Close	0.00
VWAP	0.00	LTH	0.00		
% change	0.00	LTL	0.00		
OI	0.00	DPR	0.00	-	0.00

The dashboard displays a summarized view of the **Market Watch** window statistics.

**Note:** Multiple **Market Depth** windows can be opened depending on user requirements. These windows will behave independently of each other.

# My Trades Window

This window will enable the user to view trades affected by the orders placed by him and to modify the Client Code if needed. For users with **Trading Administrator** status, this will show all trades for the member.



### Getting Started

- Use one of the following methods:
1. Click the My Trades button (shown here)
  2. Select **Transactions > My Trades** on the menu bar
  3. Use the hotkey defined in the Preferences window

Symbol	Buy/Sell	Price	Size	Time	Status	Client Code
ALUMINIUMFEB11	BUY	75.00	300	14/07/2009-11:09:02	New	AAE
ALUMINIUMFEB11	SELL	75.00	300	14/07/2009-11:09:02	New	AAD
ALUMINIUMFEB11	BUY	75.00	300	14/07/2009-11:08:49	New	AAB
ALUMINIUMFEB11	SELL	75.00	300	14/07/2009-11:08:49	New	AAD
ALUMINIUMFEB11	SELL	75.00	300	14/07/2009-11:08:34	New	AAC
ALUMINIUMFEB11	BUY	75.00	300	14/07/2009-11:08:34	New	AAA
ALUMINIUMFEB11	BUY	75.00	300	14/07/2009-11:08:22	New	AAC
ALUMINIUMFEB11	SELL	75.00	300	14/07/2009-11:08:22	New	AAC
ALUMINIUMFEB11	SELL	75.00	300	14/07/2009-11:08:02	New	AAB
ALUMINIUMFEB11	BUY	75.00	300	14/07/2009-11:08:02	New	AAA

# Filters

The screenshot shows a 'My Trades' window with a filter bar and a table of trades. Callouts provide the following information:

- Symbol** - The available underlying instruments if the **Instrument Type** is *Future*.
- Instrument Type** - The available expiry dates for the selected underlying instrument. This field is disabled if the instrument type is not future.
- Filters by Order ID** - the reference attached to the order that caused the trade.
- To filter by status, the following options are available:
  - All* - Retrieves all trades for the day of the selected instrument.
  - Modified* - Retrieves trades for the selected instrument which have been modified.
- Filters by Side of the traded order - Buy/Sell**
- Filters by the Client Code** assigned to the client for the firm.
- Filters by the Trade ID** assigned to the trade.
- Filters by Trader ID**
- Applies filters** (Apply button)
- Clears all filters** (Clear button)
- Allows the user to amend Client Codes if required.** (Amend button)

Symbol	Buy/Sell	Price	Size	Time	Status	Client Code
ALUMINIUMFEB11	BUY	75.00	300	14/07/2009-11:09:02	New	AAB
ALUMINIUMFEB11	SELL	75.00	300	14/07/2009-11:09:02	New	AAD
ALUMINIUMFEB11	BUY	75.00	300	14/07/2009-11:08:49	New	AAB
ALUMINIUMFEB11	BUY	75.00	300	14/07/2009-11:08:49	New	AAB
ALUMINIUMFEB11	BUY	75.00	300	14/07/2009-11:08:49	New	AAB
ALUMINIUMFEB11	BUY	75.00	300	14/07/2009-11:08:22	New	AAC
ALUMINIUMFEB11	SELL	75.00	300	14/07/2009-11:08:22	New	AAC
ALUMINIUMFEB11	SELL	75.00	300	14/07/2009-11:08:02	New	AAB
ALUMINIUMFEB11	BUY	75.00	300	14/07/2009-11:08:02	New	AAA
ALUMINIUMFEB11	SELL	75.00	300	14/07/2009-11:08:02	New	AAB

# Market Watch Window

The **Market Watch** window displays market information for selected instruments. It allows the creation of multiple portfolios of instruments. Upon loading a portfolio, the instruments listed will be sorted according to the sequence defined in the portfolio.



### Getting Started

- Use one of the following methods:
1. Click the Market Watch button (shown here)
  2. Select **Market > Market Watch** on the menu bar
  3. Use the hotkey defined in the Preferences window

Allows users to jump to the selected instrument in the *All* tab, or select instruments to be viewed when a new tab is open.

Instrument type      Underlying Instrument      Instrument Expiry Date

The user can select the portfolio to be loaded from the drop-down selector

Symbol	Expiry D...	Best Buy ...	Best Buy P...	Best Sell ...	Best Sell P...	Price Quotation ...	Last Trade Price (L...	Vol...	V...	Open Inte...	Day ...	Day ...	Previc
ALUMINIUM	10/01/2011					1kg							
LEAD	10/01/2011					1kg							
JUTE	09/01/2011					1kg							
KAPASKHALI	20/01/2011					1kg							
COCONUTCAKE	10/01/2011					1kg							
GOLDMUM	01/03/2010					1kg							
RBDPMOLEIN	10/01/2012					1kg							
Gold	01/01/2010					1kg							
Oil	01/01/2010					1kg							
REDCHILLY	10/01/2011					1kg							

### Market Watch Window Right-Click Menu

To create a new portfolio, select the *Add New Tab* option from the right-click menu and add the required instruments to this tab by selecting them from the drop-down boxes or by right-clicking and selecting the **Contract Selector** option from the right-click menu. After all required instruments have been selected, choose the *Save As Portfolio* option on the right-click menu.

The **Order Book**, **Snap Quote**, **My Trades**, **Market Depth** and **Net Position** windows for an underlying instrument can be invoked by selecting the desired window from the right-click menu in the **Market Watch** window.

The image shows a screenshot of the Market Watch window with a right-click context menu open. The menu items and their functions are as follows:

- Hide Titlebar**: Hides the titlebar, locking the window in place.
- Remove Symbol**: Removes selected symbol from tab.
- Show Position**: Opens Net Position window for selected symbol.
- Buy / Sell**: Opens the Buy/Sell side of the Order Entry window for the selected instrument.
- Contract Selector**: Opens the Contract Selector window for the selected symbol.
- Remove All Symbols**: Removes all symbols from the active tab.
- Save Portfolio**: Saves changes to Portfolio.
- Save As Portfolio**: Saves instruments in active tab as Portfolio.
- Add New Tab**: Opens a new tab.
- Rename Portfolio**: Changes Portfolio name.
- Delete Portfolio**: Deletes Portfolio.
- Synchronize instruments to the Ticker**: Synchronizes instruments to the Ticker.
- Order Book**: Opens the Order Book window for the selected instrument.
- Snap Quote**: Opens the Snap Quote window for the selected instrument.
- Market Depth**: Opens the Market Depth window for the selected instrument.
- My Trades**: Opens the My Trades window for the selected instrument.
- Save to a text file**: Saves displayed data in a text file.
- Size to Fit**: Resizes columns to fit content.
- Table Settings**: Opens the Table Settings window for Market Watch.
- Float window**: Floats the window.
- Make independent of work space**: Makes the window independent of the workspace.
- Attach to current work space**: Attaches the window to the current workspace.

### Default Fields

Symbol	Expiry Date	Best Buy Qty	Best Buy Price	Best Sell Qty	Best Sell Price	Price Quotation Unit	Last Trade Price (LTP)	Volume
--------	-------------	--------------	----------------	---------------	-----------------	----------------------	------------------------	--------

Underlying instrument for futures and the symbol name for any other instrument type

Value at the best price point on the Buy side.

Value at the best price point on the offer side.

Value of the last trade.

Expiry date of the relevant instrument.

Cumulative quantity at the best Buy price

Cumulative quantity at the best Sell price

The price quote parameter of the instrument

Cumulative executed quantity

Value	Open Interest	Day High	Day Low	Previous day's Close	Opening Price	Closing Price	% Change	Total Number of Trades	VWAP
-------	---------------	----------	---------	----------------------	---------------	---------------	----------	------------------------	------

The value of the contract for the day. (The sum of traded qty \* price of each trade for the instrument for the day \* multiplier)

Highest trade price of the contract since its inception

The first trade price of the instrument for the day

The last traded price of the instrument for the day

The volume weighted average price

The open interest in the market

Lowest trade price of the contract since its inception

Percentage change of the contract's Last Traded Price and Previous Day's Close

Number of trades performed

Previous day's closing price

# Message Log Window

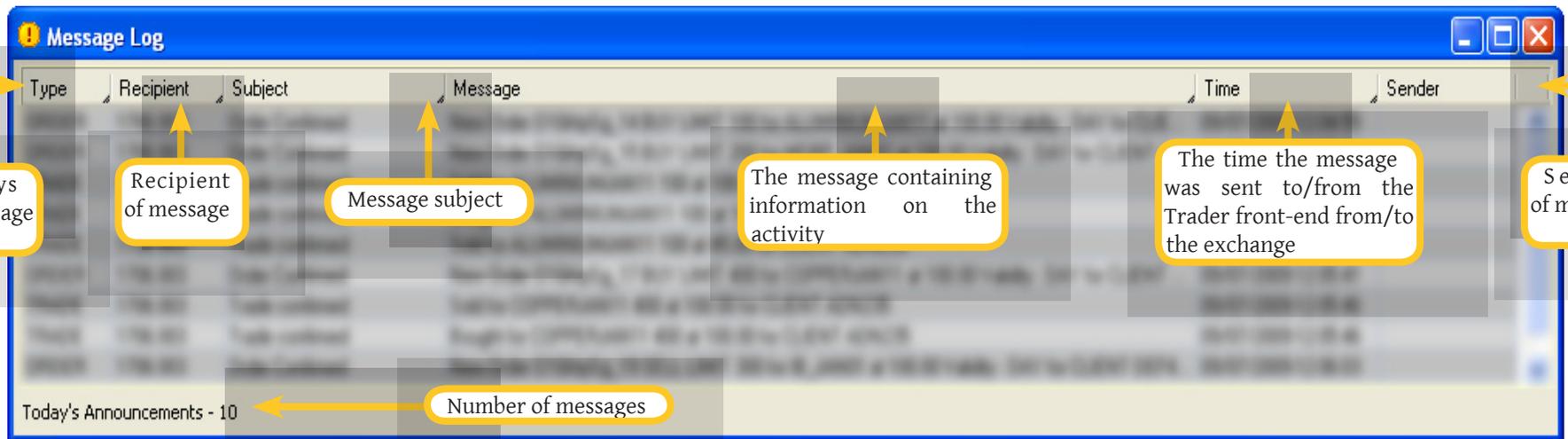
Markets require the ability to disseminate information to trading participants. The Message Log window contains all the messages that are communicated to the trader workstation from the exchange. These are:

- 1. Market messages
- 2. Order confirmations (including new order, cancel and modify confirmations)
- 3. Trade confirmations (including trade modifications)
- 4. System messages
- 5. Surveillance messages
- 6. Announcements (News and targeted messages)



### Getting Started

- Use one of the following methods:
- 1. Click the Message Log Button (shown here)
  - 2. Select **Market > Message Log** on the menu bar
  - 3. Use the hotkey defined in the Preferences window



# Snap Quote Window

The **Snap Quote** window displays market information for an instrument. It displays a collection of fields that shows market data for a particular instrument. It allows the user to focus on selected instruments defined in the **Snap Quote Symbols** preferences window. Multiple snap quotes will be arranged in a matrix form based on the number of rows and columns defined by the user in the **Preferences** window. In addition, if the user wishes to change the instrument assigned to a particular box, this can be done by selecting the instrument using the **Contract Selector**.



### Getting Started

- Use one of the following methods:
1. Click the Snap Quote button (shown here)
  2. Select **Market > Snap Quote** on the menu bar
  3. Use the hotkey defined in the Preferences window

Instrument Name		Net Direction	
<b>Best Bid</b>	65.00	<b>Best Offer</b>	56.00
<b>Bid Movement Indicator</b>	↑	<b>Offer Movement Indicator</b>	↓
<b>Bid Movement</b>	20.00	<b>Offer Movement</b>	-2.00
<b>Last traded price</b>	50.00 / 200	<b>Last traded quantity</b>	56.00 / 400

# Net Position Window

The **Net Position** window is used to view the trader's net position and his client's net position details in a common window. Trading Administrators will be able to view the net positions for all clients of the firm.

The Net Position window defaults to a blank screen but is populated with the relevant data on selection of filter criteria.

To view information for a particular symbol, select the instrument from the drop-down lists and click the *Query* button. For details on a client's net position, type the relevant Client Code in the box and click **Query**.



### Getting Started

- Use one of the following methods:
1. Click the Net Position button (shown here)
  2. Select **Transactions > Net Position** on the menu bar
  3. Use the hotkey defined in the Preferences window

The screenshot shows the 'Net Position - Firm : 1706, Client Code : ABC123' window. It features a header bar with a title and window controls. Below the header is a filter section with several input fields: 'Firm' (set to 1706), 'Instrument' (empty), 'Client Code' (set to ABC123), and a 'Query' button. A 'Clear' button is also present. Below the filter section is a data table with columns for Client Code, Symbol, Buy Qty, Buy Average, Sell Qty, Sell Average, Net Qty, Position Value, Net Price, MTM Gain/Loss, Market Price, and MTM Position Value. The table contains four rows of data. At the bottom of the window is a summary section with labels and input fields for Total Buy Qty, Total Buy Value, Total Sell Qty, Total Sell Value, Total Net Qty, and Total Net Value.

Client Code	Symbol	Buy Qty	Buy Average	Sell Qty	Sell Average	Net Qty	Position Value	Net Price	MTM Gain/Loss	Market Price	MTM Position Value
ABC123	GOLDHNIJAN10	400	100.00	1,200	100.00	-800	-8,000,000.00	10,000.00		100.00	-8,000,000.00
ABC123	ALUMINIUMJAN11	100	100.00			100	1,000,000.00	10,000.00		100.00	1,000,000.00
ABC123	OT_JAN01			200	100.00	-200	-2,000,000.00	10,000.00		100.00	-2,000,000.00
ABC123	IB_JAN01	600	100.00			600	6,000,000.00	10,000.00		100.00	6,000,000.00

Total Buy Qty	Total Buy Value	Total Sell Qty	Total Sell Value	Total Net Qty	Total Net Value
1100.00	110000.00	1400.00	140000.00	-300.00	-30000.00

Default Fields

The screenshot shows a trading application window titled "Firm : 1706, Client Code : ABC123". The interface includes a header with filters for Firm, Instrument, and Client Code, and a main data table with columns for Client Code, Symbol, Buy Qty, Buy Average, Sell Qty, Sell Average, Net Qty, Position Value, Net Price, MTM Gain/Loss, Market Price, and MTM Position Value. A summary row at the bottom provides totals for Buy and Sell quantities and values, and Net Qty and Value. Callouts explain the meaning of various fields and buttons.

**Callouts:**

- The code which the client is registered under, used by the trader to identify individual clients. (Points to Client Code field)
- Average Price of Total Buy Quantity (Points to Buy Average column)
- Average Price of Total Sell Quantity (Points to Sell Average column)
- The value of the position (Points to Position Value column)
- As calculated by the risk system (Points to MTM Position Value column)
- Quantity bought (Points to Buy Qty column)
- Quantity sold (Points to Sell Qty column)
- Total quantity bought - Total quantity sold (Points to Net Qty column)
- Position Value divided by Net Quantity (Points to Net Price column)
- Last traded price of the contract (Points to Market Price column)
- Totals applicable to current filter criteria (Points to the summary row)
- MTM Position Value (Points to the MTM Position Value column)

Client Code	Symbol	Buy Qty	Buy Average	Sell Qty	Sell Average	Net Qty	Position Value	Net Price	MTM Gain/Loss	Market Price	MTM Position Value
ABC123	GOLDHNIJAN10	400	100.00	200	100.00	-800	-8,000,000.00	10,000.00		100.00	-8,000,000.00
ABC123	ALUMINIUMJAN11	100	100.00			100	1,000,000.00	10,000.00		100.00	1,000,000.00
ABC123	OT_JAN01			200	100.00	-200	-2,000,000.00	10,000.00			-2,000,000.00
ABC123	IB_JAN01		100.00				6,000,000.00				6,000,000.00
<b>Total Buy Qty</b>		1100.00									
<b>Total Buy Value</b>			110000.00								
<b>Total Sell Qty</b>				1400.00							
<b>Total Sell Value</b>					140000.00						
<b>Total Net Qty</b>						-300.00					
<b>Total Net Value</b>							-30000.00				

# Time and Sales Window

The **Time and Sales** window allows the user to view all trades that took place in the exchange for any selected instrument, irrespective of which trader initiated them.



### Getting Started

- Use one of the following methods:
1. Click the Time and Sales Button (shown here)
  2. Select **Transactions > Time and Sales** on the menu bar
  3. Use the hotkey defined in the Preferences window

Filters orders by symbol. Select the required details and press the *Enter* key to open a new tab for the selected instrument.

Instrument type    Underlying Instrument    Instrument Expiry Date

The Price tick established after the trade

Underlying instrument for futures and the symbol name for any other instrument type

Price	Qty	Time	Price Tick	Symbol
Traded price	The order quantity	Time of the transaction including seconds (hh:mm:ss)		

## The Ticker

The **Ticker** bar provides real time last sale information of instruments traded on the exchange.

The user has to have the *Display Ticker* option enabled in the **Preferences** window >**General** Tab in order for the **Ticker** bar to be displayed in the workspace.

The ticker will display the following information per trade:

- Name of the instrument that the trade took place for
- Whether the trade tick direction is up or down (indicated by an arrow)
- Quantity and Price of the trade
- Net change between this trade and the previous trade

The screenshot shows a dark-themed ticker bar with the following text: "Symbol" followed by a search icon, "000@10.89 -0.09", "JSWSL0310 ↓ 1000@10.87 -0.02", "JSWSL0310 ↓ 200@1.01 -9.86", and "JSWSL0410 ↓ 3000@11.00 -6.00". A right-click context menu is open over the bar, showing options: "Footer", "Add/Remove Symbols", "Speed" (highlighted), and "Customize Ticker Details". The "Speed" submenu is also open, showing "Fast", "Medium" (checked), "Slow", and "Natural".

Instrument filter. By default, the ticker bar will subscribe to all the preferred instruments.

The trade information will scroll from left to right.

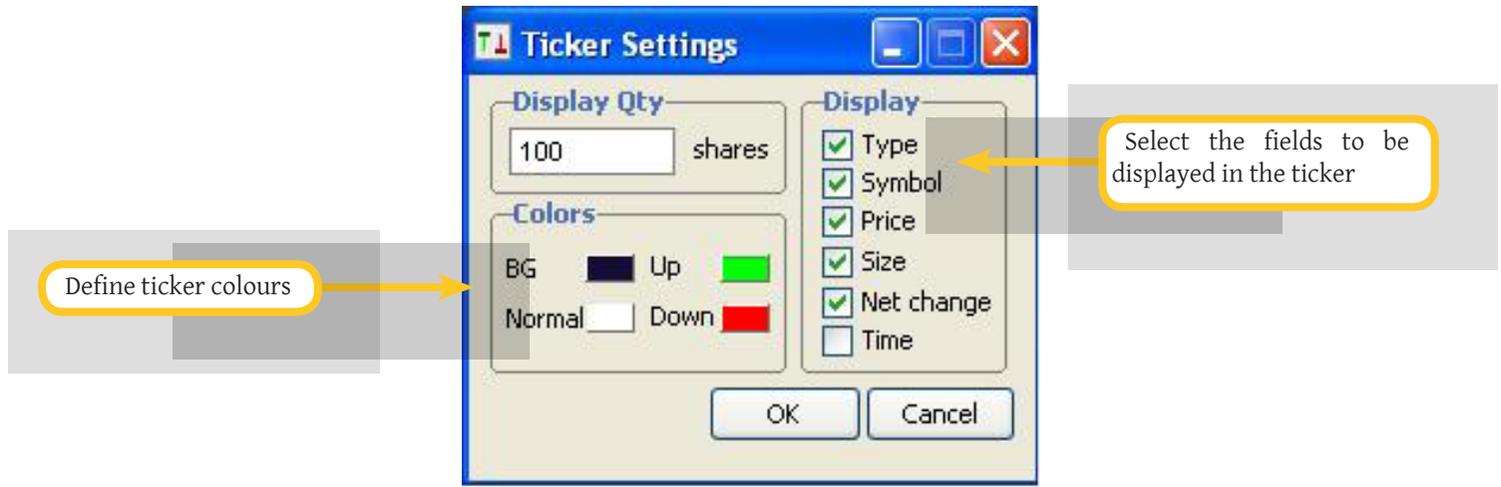
The font colour will also reflect the price tick of the trade; Red - Minus or zero minus, Green - Plus or Zero plus

The Ticker Speed can be set via the right-click menu. The Ticker Speed menu will contain the following pre-set options:

- Fast
- Medium
- Slow
- Natural

### Ticker Settings

This window allows the user to edit the basic display settings for the ticker.



# Contract Information Window

This window provides the means where a trader may view all the information relating to a contract selected by him.



### Getting Started

- Use one of the following methods:
1. Click the Contract Information button (shown here)
  2. Select **Contract > Contract Information** from the menu bar
  3. Use the hotkey defined in the Preferences window

**Contract Information - ALUMINIUMJAN11**

Future | ALUMINI... | 10/01/2011

---

**Contract Info**

Name: ALUMINIUMJAN11

Information: Ex Mumbai

Underlying: ALUMINIUM | Specification:

Start Date: 13/03/2009 | End Date: 10/01/2011

---

**Trading Details**

Market Lot: 100kg | Tick: 0.01

Price Quote: 1kg

---

**Risk Details**

Initial Margin: 10.00 | Additional Margin: 0.00

Long Margin: 0.00 | Short Margin: 0.00

Regulatory Margin: 0.00 | Max Order Size: 999900

DPR: 0.00 - 0.00

Life Time Price Band: 0.00 - 0.00

---

**Trading Details**

Tender Start Date: 01/01/2014 | Tender End Date: 01/01/1980

---

**Delivery Details**

Delivery Start Date: 01/01/2014 | Delivery End Date: 01/01/1980

Default Fields

The screenshot shows a window titled "Contract Information - ALUMINIUM JAN 11" with several sections: Contract Info, Trading Details, Risk Details, and Delivery Details. Callouts provide explanations for various fields:

- Symbol field:** Displays the underlying instruments available in the system when the instrument type is future. Else, displays all available instruments for the selected instrument type.
- Type of instrument:** future or strategy
- The underlyer of the instrument:** ALUMINIUM
- The trading lot of the instrument, followed by the trading unit of the instrument (eg: 10 KG):** Market Lot: 100kg
- The quantity against which prices are quoted, followed by the trading unit of the instrument:** Price Quote: 1kg
- The initial margin defined for the instrument:** Initial Margin: 10.00
- Daily Price range defined for the instrument:** DPR: 0.00 - 0.00
- Displays expiry dates available in the system for the chosen underlying instrument:** End Date: 10/01/2011
- Will be displayed as "Ex " followed by The Delivery Base of the instrument (eg: Ex Mumbai):** Information: Ex Mumbai
- The expiry date of the instrument:** End Date: 10/01/2011
- The tick defined as the first entry in the tick structure of the instrument:** Tick: 0.01
- The additional margin defined for the instrument:** Additional Margin: 0.00
- Maximum Order Size:** Max Order Size: 999900

Contract Info	
Name	ALUMINIUMJAN11
Information	Ex Mumbai
Underlying	ALUMINIUM
Specification	
Start Date	13/03/2009
End Date	10/01/2011

Trading Details	
Market Lot	100kg
Tick	0.01
Price Quote	1kg

Risk Details	
Initial Margin	10.00
Additional Margin	0.00
Long Margin	0.00
Short Margin	0.00
Regulatory Margin	0.00
Max Order Size	999900
DPR	0.00 - 0.00
Life Time Price Band	0.00 - 0.00

Trading Details	
Tender Start Date	01/01/2014
Tender End Date	01/01/1980

Delivery Details	
Delivery Start Date	01/01/2014
Delivery End Date	01/01/1980



Default Fields

The screenshot shows a 'Contract List' window with two sections of columns. The top section includes Symbol, Expiry D..., Name, Information, Start Date, End Date, Initial Margin, and Additional Margin. The bottom section includes Long Margin, Short Margin, Regulatory Margin, Market Lot, Price Quote, DPR, and Life Time Price Band. Callouts provide detailed descriptions for each field.

Symbol	Expiry D...	Name	Information	Start Date	End Date	Initial Margin	Additional Margin

Long Margin	Short Margin	Regulatory Margin	Market Lot	Price Quote	DPR	Life Time Price Band

**Callouts for the top section:**

- Symbol:** The underlying of the instrument
- Expiry D...:** Displays the expiry date of the relevant instrument
- Name:** Displays "Ex" followed by the Delivery Base of the instrument (e.g.: Ex Mumbai).
- Information:** The instrument ID
- Start Date:** The first trading date of the instrument
- End Date:** The last trading date of the instrument
- Initial Margin:** The initial margin defined for the instrument
- Additional Margin:** The additional margin defined for the instrument

**Callouts for the bottom section:**

- Long Margin:** Buy side (long) margin for the instrument
- Short Margin:** Sell side (short) margin for the instrument
- Regulatory Margin:** Special margin for regulatory purposes
- Market Lot:** The trading lot of the instrument, followed by the trading unit of the instrument
- Price Quote:** The quantity against which prices are quoted, followed by the trading unit of the instrument
- DPR:** Daily Price Range for the instrument - computed based on the previous day's closing price and the price band values for the instrument. Shown in the format XXX.XX - YYY.YY
- Life Time Price Band:** Life-time price banding applicable to that instrument

# Most Active Contracts window

This window will display the top contracts in terms of Value. The number of contracts will be limited to the number specified in the Preferences window.



### Getting Started

- Use one of the following methods:
1. Click the Most Active Contracts button (shown here)
  2. Select **Contract > Most Active Contracts** from the menu bar
  3. Select **Market > Most Active Contracts** from the menu bar
  4. Use the hotkey defined in the User Preferences window

Instrument Type	Symbol	Expiry Date	Volume	Value	Last Trade Price
INS_FUTURE	Gold	01JAN2010	3,500.00	175.06	50.04
INS_FUTURE	ALUMINIUM	10MAR2011	1,500.00	150.00	125.00
INS_FUTURE	COPPER	10FEB2011	500.00	100.00	200.00
INS_FUTURE	ALUMINIUM	10FEB2011	500.00	87.50	175.00
INS_FUTURE	ALUMINIUM	10JAN2011	500.00	75.00	150.00

### Default Most Active Contracts Fields

The screenshot shows a window titled "Most Active Contracts" with a table of contract data. Callouts provide the following descriptions:

- Instrument Type:** Captures the underlying symbol for futures and the instrument name for instrument types other than futures.
- Symbol:** Displays the expiry dates of the future contracts for the stated underlying symbol. Will not hold any values if the Instrument type is not future.
- Value:** Value of the last trade.
- Volume:** Cumulative executed quantity.
- Last Trade Price:** The value for the day.

Instrument Type	Symbol	Expiry Date	Volume	Value	Last Trade Price
INS_FUTURE	Gold	01JAN2010	3,500.00	175.06	50.04
INS_FUTURE	ALUMINIUM	10MAR2011	1,500.00	150.00	125.00
INS_FUTURE	COPPER	10FEB2011	500.00	100.00	200.00
INS_FUTURE	ALUMINIUM	10FEB2011	500.00	87.50	175.00
INS_FUTURE	ALUMINIUM	10JAN2011			150.00

# Top Gainers and Losers window

This window will display the top contracts in terms of percentage change from closing. The number of contracts will be limited to the number specified in the **Preferences** window.

The window will update the gainers and losers automatically as trading takes place.



### Getting Started

- Use one of the following methods:
1. Click the Top Gainers and Losers button (shown here)
  2. Select **Contract > Top Gainers and Losers** from the menu bar
  3. Select **Market > Top Gainers and Losers** from the menu bar
  4. Use the hotkey defined in the Preferences window

Top Gainers and Losers					
Top Gainers					
Symbol	Expiry Date	Previous Close	Last Trade Price	% Change	
COPPER	10FEB2011	100.00	200.00	100.00	
ALUMINIUM	10FEB2011	100.00	175.00	75.00	
ALUMINIUM	10JAN2011	100.00	150.00	50.00	
ALUMINIUM	10MAR2011	100.00	125.00	25.00	
COPPER	10JAN2011	100.00	110.00	10.00	

Top Losers					
Symbol	Expiry Date	Previous Close	Last Trade Price	% Change	
TURMERIC	10MAR2011	100.00	50.00	-50.00	
Gold	01JAN2010	100.00	50.04	-49.96	
LEAD	10JAN2011	100.00	60.00	-40.00	
COPPER	10MAR2011	100.00	75.00	-25.00	
LEAD	10FEB2011	100.00	80.00	-20.00	

Default Fields

The underlying symbol for futures

The percentage change from closing

Displays the expiry dates of the future contracts of the stated underlying symbol. Will not hold any values if the Instrument type is not future

The previous day's closing price

Value of the last trade

Top Gainers and Losers						
Top Gainers						
Symbol	Expiry Date		Previous Close	Last Trade Price		% Change
COPPER	10FEB2011		100.00	200.00		100.00
ALUMINIUM	10FEB2011		100.00	175.00		75.00
ALUMINIUM	10JAN2011		100.00	150.00		50.00
ALUMINIUM	10MAR2011		100.00	125.00		25.00
COPPER	10JAN2011		100.00	110.00		10.00
Top Losers						
Symbol	Expiry Date		Previous Close	Last Trade Price		% Change
TURMERIC	10MAR2011		100.00	50.00		-50.00
Gold	01JAN2010		100.00	50.04		-49.96
LEAD	10JAN2011		100.00	60.00		-40.00
COPPER	10MAR2011		100.00	75.00		-25.00
LEAD			100.00	80.00		-20.00

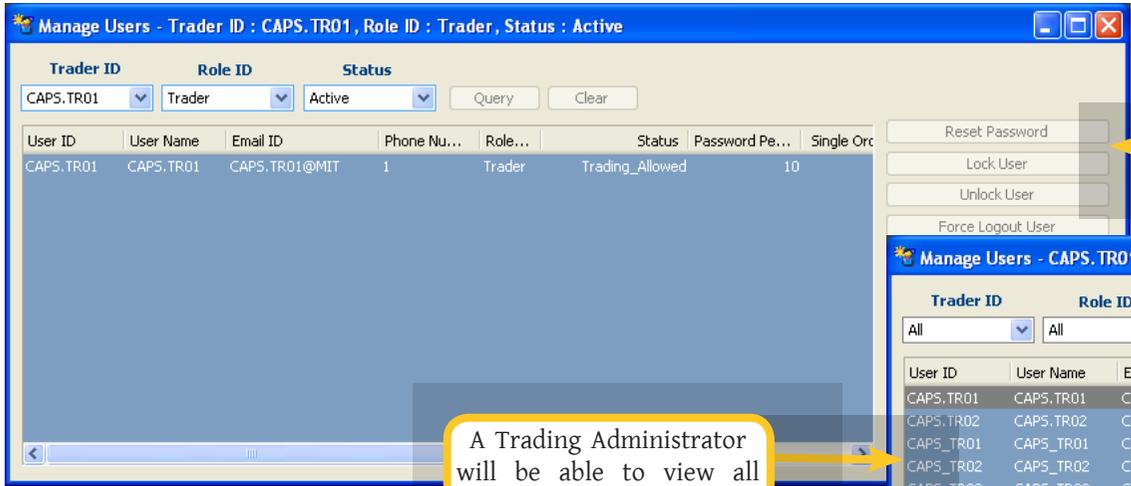
# Manage Users Window

The **Manage Users** section consists of windows for managing users and a section for viewing user information and attaching contract baskets to users. Standard Traders will be restricted to seeing only their entry, and cannot access to the administrative functions. Trading Administrative users will see all traders under their firm and be able to carry out administrative functions



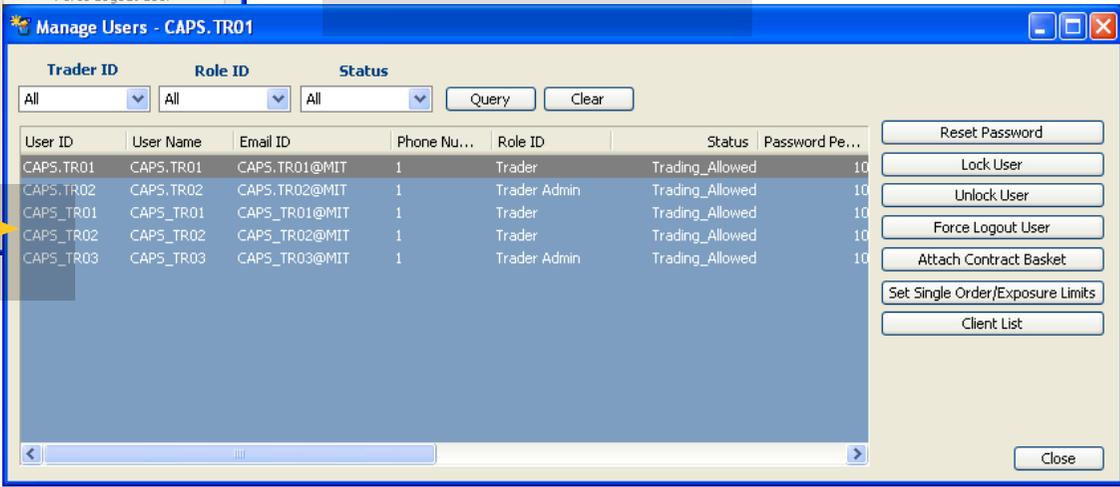
### Getting Started

- Use one of the following methods:
1. Click the Manage Users button (shown here)
  2. Select Control and **Surveillance** > **Manage Users** from the menu bar
  3. Use the hotkey defined in the Preferences window



For a Standard Trader, the administrative functions will be disabled

A Trading Administrator will be able to view all trades under their firm.



# Margin Watch Window

This window is only accessible to Trading Administrators. The Trading Administration user will be able to see the different margin values for his firm using this window.



### Getting Started

- Use one of the following methods:
1. Click the Margin Watch button (shown here)
  2. Use the hotkey defined in the Preferences window

Margin Limit	Initial Ma...	Spread Be...	Delivery Ma...	Long Ma...	Short Ma...	Regulatory Ma...	Margin Util...	Margin Utilize...	MTM ...	MTM ...	MTM %	Total Margin Lia...	ML %	Additional Ma...
100,000,000.00	20,000.00						20,000.00	0.02				20,000.00		0.02

Labels pointing to the top row: Margin Limit, Spread Benefit, Long Margin, Regulatory Margin, Margin Utilized %, MTM Limit, Total Margin Liability, Additional Margin.

Labels pointing to the bottom row: Initial Margin, Delivery Margin, Short Margin, Margin Utilized, MTM Loss, MTM %, ML %.

# Procedures

## Order Entry Preferences

The user can submit orders via the **Order Entry** window. The front-end uses values specified by the user in the **Preferences** window to populate the **Order Entry** window.

1. Open the **Preferences** window as shown [here](#).
2. Select the *Order Entry* tab in the **Preferences** window.
3. Select the *Order Confirmation* options - this feature allows the user to chose whether the system initiates a confirmation prompt at the time of executing the following procedures:
  - Submitting orders
  - Amending orders
  - Submitting a Market Order
  - Order Cancellation
  - Client Code Modification
4. Set the lot sizes for *Quick Lots*.
5. Specify other default values for fields.
6. Click *Save*.

The screenshot shows the 'Preferences' window with the 'Order Entry' tab selected. The window contains several sections of settings:

- Order Confirmation:** A group of checkboxes for 'New Order', 'Order Amendment', 'Market Order', 'Order Cancellation', 'Client Code Modification', and 'Tender/Delivery Period'.
- Unconfirmed Order List:** Checkboxes for 'Add rows to the top' and 'Auto scroll'.
- Quick Lots:** Five spinners labeled 'Quick Lot 1' through 'Quick Lot 5' with values 5, 10, 20, 30, and 50.
- Default Order Quantity:** A spinner set to 0.
- Client ID prefix:** A text input field.
- Default Instrument Type:** A dropdown menu.
- Own/Client orders by default:** A dropdown menu set to 'CLIENT'.
- Default Order Type:** A dropdown menu set to 'MARKET'.
- Buy form color:** A color picker set to blue.
- Sell form color:** A color picker set to pink.
- Alert Parameters:** Spinners for 'Qty Alert (in market lots)' (0), 'Price Alert (% of LTP)' (0.00), and 'Value Alert (Qty \* Price)' (0.00).
- Other options:** Checkboxes for 'Show Dashboard', 'Remember last Client ID', 'Auto sync order price upon auto creation', and 'Close On Submission'.

At the bottom of the window are three buttons: 'Restore Defaults', 'Save', and 'Close'.

# Submitting Orders

---

The following chapter describes in detail the procedure followed to submit the following types of orders:

- Submitting a Regular Order
- Submitting a Good Till Time Order
- Submitting a Good Till Date Order
- Submitting a Stop Order

## To Submit a Regular Order



### Getting Started

Use one of the following methods:

1. Click the New Order button (shown here)
2. Select **Transactions > Order Entry** on the menu bar
3. Use the hotkey defined in the Preferences window

1. Select the required **Instrument Type**
2. If Instrument Type is *Future*: Select the appropriate **Underlying Instrument** and **Expiry Date**
3. Select **Side**: *Buy* or *Sell*
4. Select *Limit* as the **Order Type**.
5. Enter a value in the **Price** field.
6. Enter a value in the **Size** field.
7. Specify the **Validity** as *DAY*.
8. Click the *Buy/Sell* button to submit the order.

To receive a confirmation prompt when submitting orders, please refer the chapter titled [Order Entry Preferences](#).

The screenshot shows the 'Order Entry' window with the following fields and callouts:

- 1**: Instrument Type dropdown (Future)
- 2**: Underlying Instrument dropdown (ALUMINI...)
- 3**: Side dropdown (SELL)
- 4**: Order Type dropdown (LIMIT)
- 5**: Price field (0.00)
- 6**: Size field (0)
- 7**: Validity dropdown (DAY)
- 8**: SELL button

Other visible fields include: Expiry Date (10/01/2011), Instrument Name (GoldJANFEB10), Snap Quote, Sync, Own/Cli (CLIENT), Trigger Price (0.00), Client Code, Client Name, Trader ID (CAPS.TR01), Remarks, Quick Lots (>>), and Unconfirmed Orders (>>).

## To Submit a Good Till Time Order

1. Open the **New Order** window as shown [here](#).
2. Select the **Instrument Type**
3. If **Instrument Type** is *Future*: Select the **Underlying Instrument** and **Expiry Date**
4. Select **Side: Buy/Sell**
5. Select *GTT (Good till Time)* as the **Validity**.
6. Enter the **Expiry Time**.
7. Select an **Order Type**.
8. If the selected order type is a Stop or Stop Limit order, specify a **Trigger Price**.
9. Click the **Buy/Sell** button to submit the order.

To receive a confirmation prompt when submitting orders, please refer the chapter titled [Order Entry Preferences](#).

The screenshot shows the 'Order Entry' window with the following fields and callouts:

- 2**: Instrument Type dropdown set to 'Future'.
- 3**: Underlying Instrument dropdown set to 'ALUMINI...'.
- 3**: Expiry Date dropdown set to '10/01/2011'.
- 3**: Instrument Code text field containing 'GoldJANFEB10'.
- 7**: Order Type dropdown set to 'STOP'.
- 4**: Side dropdown set to 'BUY'.
- Price spinner set to '0.00'.
- Size spinner set to '0'.
- Disclosed Size spinner set to '0'.
- 5**: Validity dropdown set to 'GTT'.
- 6**: Expiry Time spinner.
- Own/Cli dropdown set to 'CLIENT'.
- 8**: Trigger Price spinner set to '0.00'.
- Client Code dropdown.
- Client Name text field.
- Trader ID text field containing 'CAPS.TR01'.
- Remarks text field.
- 9**: BUY button.
- Clear button.
- Quick Lots: >>
- Unconfirmed Orders: >>

### To Submit a Good Till Date Order

1. Open the **New Order** window as shown [here](#).
2. Select the **Instrument Type**
3. If **Instrument Type** is *Future*: Select the **Underlying Instrument** and **Expiry Date**
4. Select **Side**: *Buy/Sell*
5. Select *GTD (Good till Date)* as the **Validity**.
6. Enter the **Expiry Time**.
7. Select an **Order Type**.
8. If the selected order type is a Stop or Stop Limit order, specify a **Trigger Price**.
9. Click the **Buy/Sell** button to submit the order.

To receive a confirmation prompt when submitting orders, please refer the chapter titled [Order Entry Preferences](#).

The screenshot shows the 'Order Entry' window with the following fields and callouts:

- 2**: Instrument Type dropdown set to 'Future'.
- 3**: Underlying Instrument dropdown set to 'ALUMINI...'.
- 3**: Expiry Date dropdown set to '10/01/2011'.
- 3**: Instrument Name text box containing 'GoldJANFEB10'.
- 7**: Order Type dropdown set to 'STOP'.
- 4**: Side dropdown set to 'SELL'.
- Price spinner set to '0.00'.
- Size spinner set to '0'.
- Disclosed Size spinner set to '0'.
- 5**: Validity dropdown set to 'GTD'.
- 6**: Expiry Date text box.
- Own/Cli dropdown set to 'CLIENT'.
- 8**: Trigger Price spinner set to '0.00'.
- Client Code dropdown.
- Client Name text box.
- Trader ID text box containing 'CAPS.TR01'.
- Remarks text box.
- 9**: 'SELL' button.
- 'Clear' button.
- Quick Lots: >>
- Unconfirmed Orders: >>

### To Submit a Stop Order

- 1. Open the **New Order** window as shown [here](#).
- 2. Select the **Instrument Type**
- 3. If **Instrument Type** is *Future*: Select the **Underlying Instrument** and **Expiry Date**.
- 4. Select **Side**: *Buy/Sell*
- 5. Select *Day* as the **Validity**.
- 6. Select *Stop Limit* or *Stop* as the **Order Type**.
- 7. Enter a value in the **Price** field.
- 8. Specify a **Trigger Price**.
- 9. Click the *Buy/Sell* button to submit the order.

To receive a confirmation prompt when submitting orders, please refer the chapter titled [Order Entry Preferences](#).



# Amending an Order

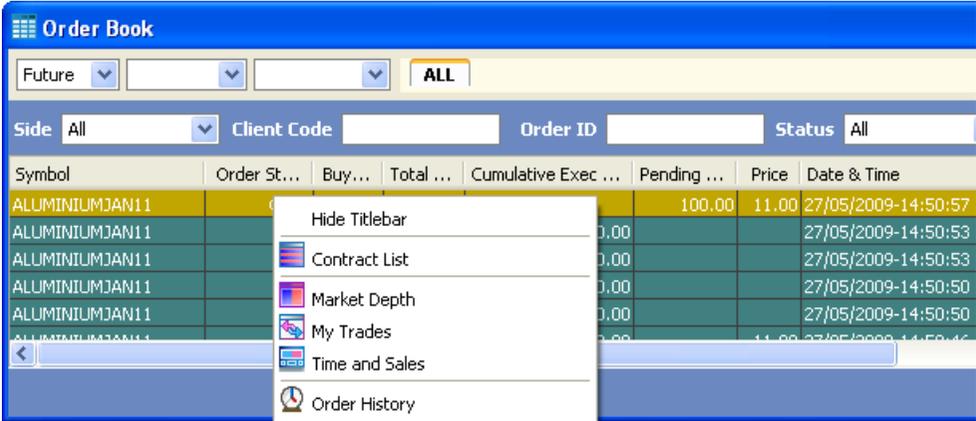


### Getting Started

- Use one of the following methods:
1. Click the Order Book button (shown here)
  2. Select **Transactions > Order Book** on the menu bar
  3. Use the hotkey defined in the Preferences window

1. Right-click on the order to be amended in the **Order Book** and select the *Amend Order* option.
2. The **Order Entry** window will be displayed for the particular order.
3. Make the required changes and click the *Buy/Sell* button.

To receive a confirmation prompt when amending orders, please refer the chapter titled Order Entry Preferences.



**Note:**  
Orders can also be amended through the Order Book in the same manner.

# Cancelling an Order

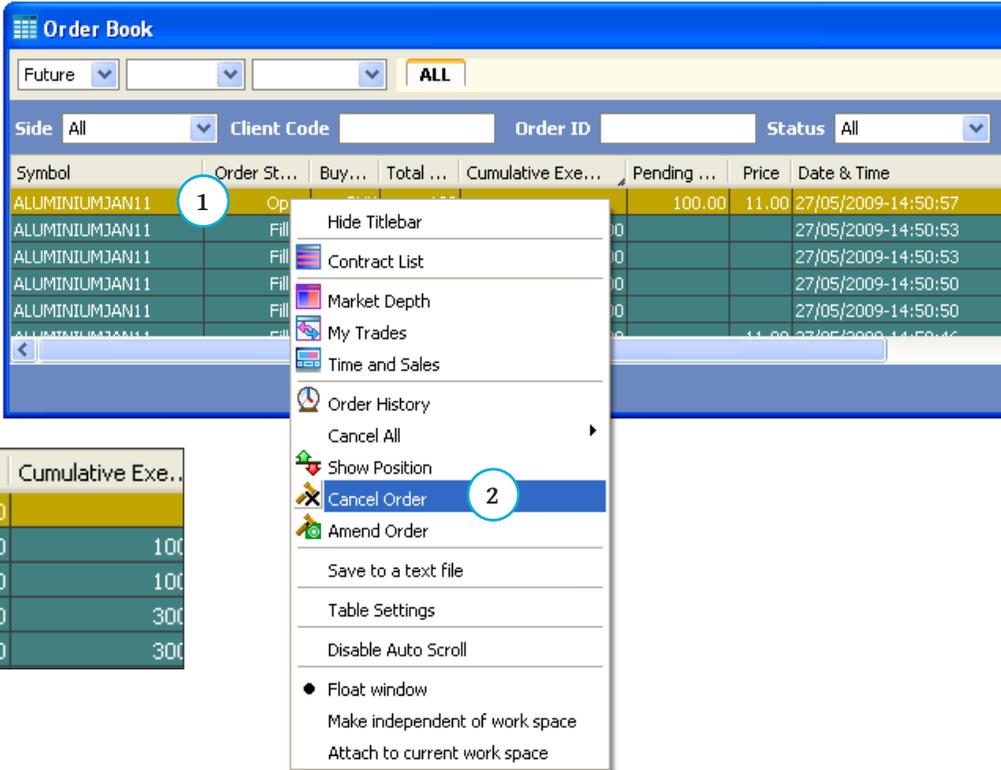


### Getting Started

- Use one of the following methods:
1. Click the Order Book button (shown here)
  2. Select **Transactions > Order Book** on the menu bar
  3. Use the hotkey defined in the Preferences window

1. Right-click on the order to be cancelled in the **Order Book**.
2. Select the *Cancel Order* option from the right-click menu.
3. The **Order Status** of that order will change to *Cancelled*.

To receive a confirmation prompt when cancelling orders, please refer the chapter titled Order Entry Preferences.



Symbol	Order St...	Buy...	Total ...	Cumulative Exe...
ALUMINIUMJAN11	Cancelled	BUY	100	
ALUMINIUMJAN11	Filled	SELL	100	100
ALUMINIUMJAN11	Filled	SELL	100	100
ALUMINIUMJAN11	Filled	SELL	300	300
ALUMINIUMJAN11	Filled	SELL	300	300

**Note:**  
Orders can also be cancelled through the Order Book in the same manner.

### Mass Order Cancellation



#### Getting Started

Use one of the following methods:

1. Click the Order Book button (shown here)
2. Select **Transactions > Order Book** on the menu bar
3. Use the hotkey defined in the Preferences window

1. Right-click on any order in the **Order Book**.
2. Select the *Cancel All* option.

In Trader view, the sub-menu will display the following mass cancellation options:

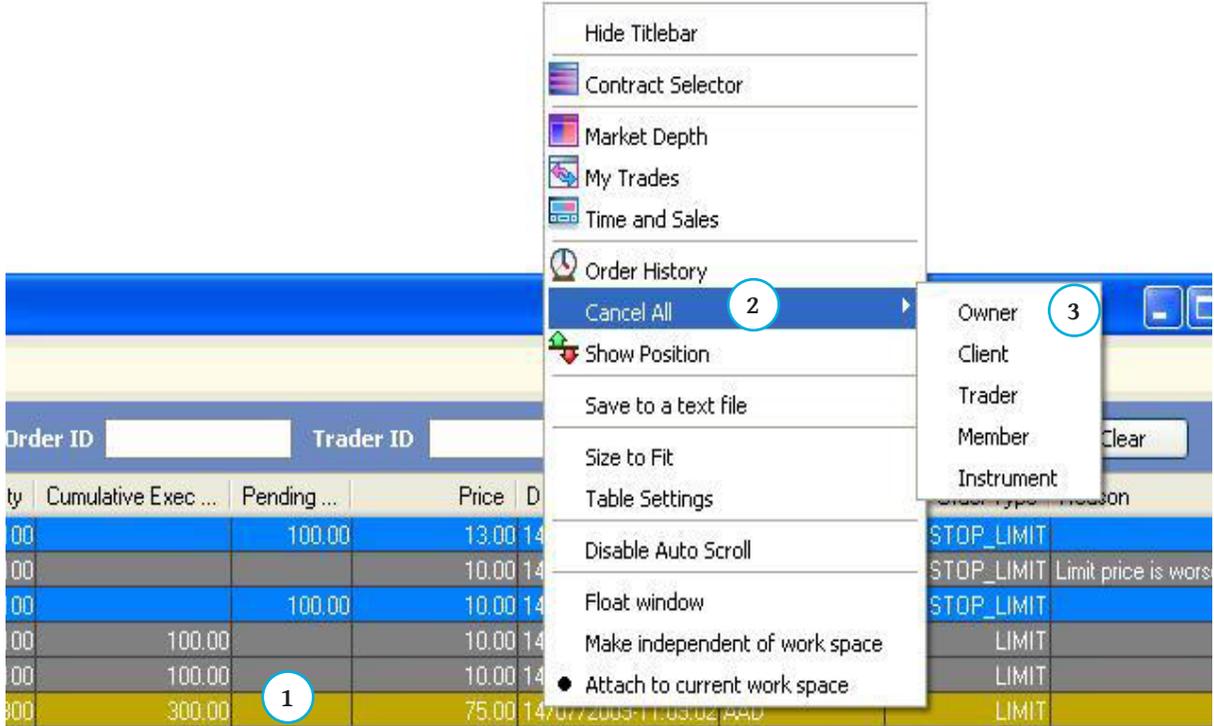
- Owner
- Instrument

In Trader Admin view, the following additional options are displayed:

- Client
- Trader
- Member

3. Select the required option.
4. All orders under the selection will be cancelled.

To receive a confirmation prompt when cancelling orders, please refer the chapter titled Order Entry Preferences.



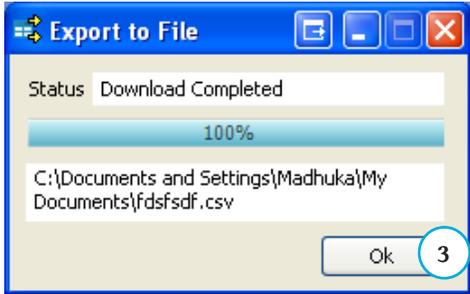
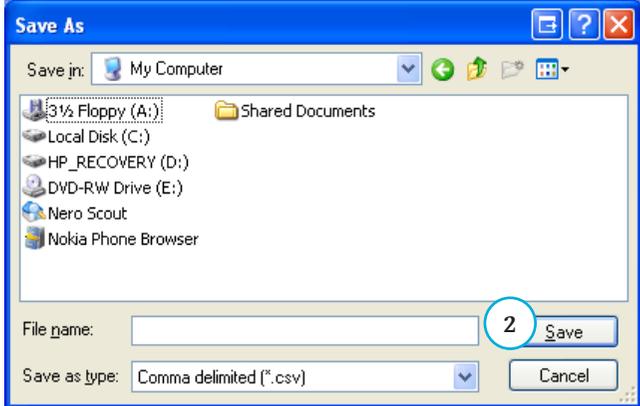
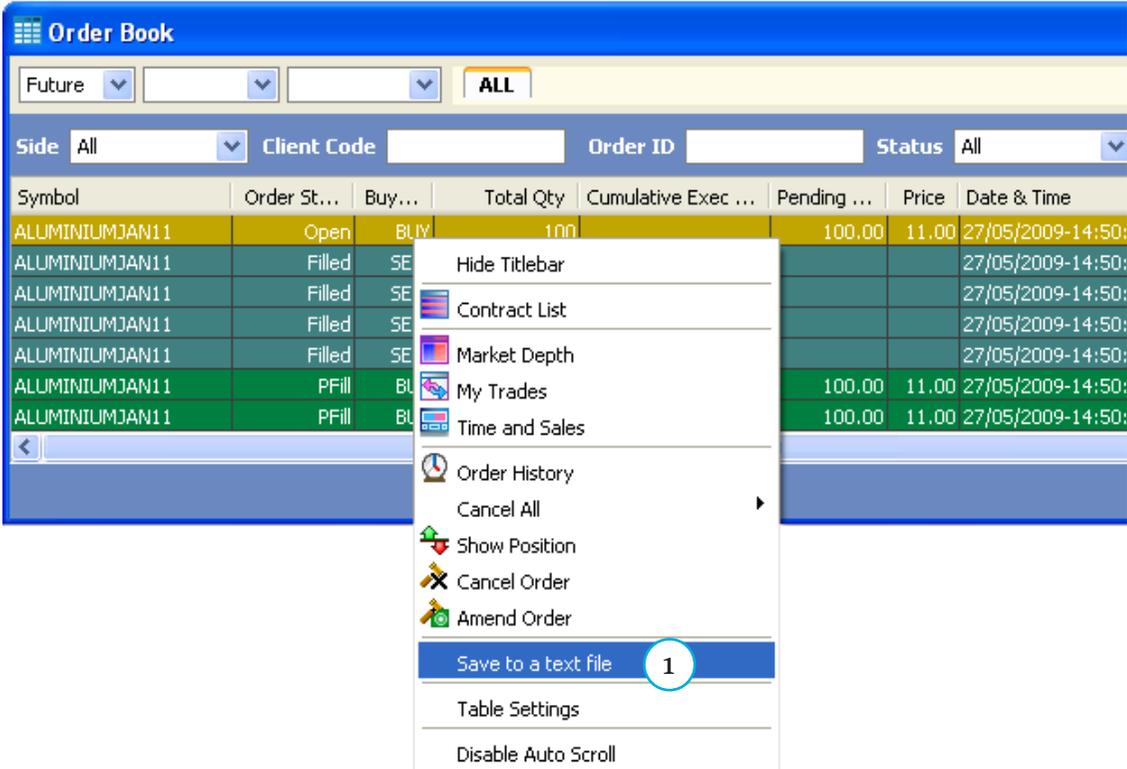
# Additional Functionality

## Save to a Text File

This option allows the user to save the contents of a window to a text file. This feature is available for the following windows:

- Order Book
- My Trades
- Market Watch
- Time and Sales
- Manage Users

1. Right-click on a field and select the *Save as a text file* option.
2. In the **Save As** window, specify the **File name** and location and click *Save*.
3. The progress bar will indicate the status. Click *OK* once finalized.



## View the Order History

This option allows the user to view the order history for a trade via a sub-window, which displays the history sorted based on time of the execution report.

1. Right-click on an order and select the *Order History* option.
2. The **Order History** window will be displayed for that particular order.

