



BMA Eclipse Trading Terminal

Version 2.0.2_15

User Manual - Getting Started

BMA Capital Management Ltd.

Level 8, Unitower

I.I. Chundrigar Road

Karachi, Pakistan

Ph: +9221 111 262 872

Fax: +9221 3246 5986

Email: bmtrade@bmacapital.com

Web: www.bmatrade.com

Table of Contents

Table of figures.....	5
About this Document	8
Audience	8
Related Documents.....	8
Conventions	8
Introduction	9
1 Definitional.....	11
Getting Started:.....	12
1.1 Login	12
1.1.1 Login – Login Window	12
1.1.2 Invalid User Id / Password.....	13
1.2 Application Startup	14
1.2.1 Application Startup – Perspective Selection	15
1.3 File Menu.....	17
1.3.1 File Menu - New Wizard – New Watch List.....	17
1.3.2 File Menu – Export	22
1.4 Watch Lists Menu.....	26
1.4.1 Watch Lists Menu – New Watch List.....	26
1.4.2 Watch Lists Menu – Index Watch List	27
1.4.3 Watch Lists Menu – Market Watch List	27
1.5 Views Menu.....	28
1.5.1 Views Menu - Spot Symbols View.....	28
1.5.2 Views Menu – Locked Symbol View	29
1.5.2 Views Menu – Announcements	30
1.6 Utilities Menu.....	31
1.6.1 Utilities Menu – Quote Request.....	31
1.6.2 Utilities Menu – Securities	32
1.6.3 Utilities Menu – Market Summary.....	33
1.6.4 Utilities Menu – Events	33
1.6.5 Utilities Menu – Currencies.....	34
1.6.6 Utilities – Web Browser	34
1.6.7 Utilities Menu – News	35

1.7 Window Menu.....	37
1.7.1 Window Menu – Open New Window	37
1.7.2 Window Menu – Open Perspective	38
1.7.3 Window Menu – Customize Perspective	40
1.7.4 Window Menu – Save Perspective As	52
1.7.5 Window Menu – Reset Perspective	52
1.7.6 Window Menu – Preferences	53
1.8 Help Menu.....	66
1.8.1 Help Menu – Install New Software	66
1.8.2 Help Menu – Check for Updates	70
1.9 Charts Perspective.....	73
1.9.1 Charts Perspective - Top Indicators	76
1.9.2 Charts Perspective – Bottom Indicators.....	79
1.9.3 Charts Perspective – Tools	81
1.9.4 Charts Perspective – Patterns	83
1.9.5 Charts Perspective – Others.....	84
2 Transactional.....	85
2.1 Trading Menu.....	86
2.1.1 Trading Menu – Orders	86
2.1.2 Trading Menu – Orders Summary.....	87
2.1.3 Trading Menu – Trades	88
2.1.4 Trading Menu – Trades Summary	89
2.1.5 Trading Menu – Buy Order Form	90
2.1.6 Trading Menu – Sell Order Form.....	92
2.1.7 Trading Menu - Modify Order Form (Coming Soon).....	94
2.1.8 Trading Menu – Cancel Order	95
2.1.9 Trade Menu – Fund Movement (Coming Soon).....	97
2.1.10 Trade Menu – Combined Margin View (Coming Soon).....	97
2.1.11 Trade Menu – Margin Detail View (Coming Soon).....	98
2.1.12 Trade Menu – Client Margin View	100
3 Reports	101
3.1 Reports Menu	102
3.1.1 Reports Menu – Integrated Ledger (Coming Soon).....	102
3.1.2 Reports Menu – Customer Payment.....	103

3.1.3 Reports Menu – Net Share Custody	104
3.1.4 Reports Menu – Outstanding Orders	105
3.1.5 Reports Menu – Periodic Summary	106
3.1.6 Reports Menu – Periodic Detail	107

Table of figures

Figure 1: Connection Failed.....	12
Figure 2: Login Window.....	13
Figure 3: Invalid User Id or Password.....	13
Figure 4: Terminal screen on successful logon	14
Figure 5: Trading Perspective.....	16
Figure 6: New Watch List Wizard	17
Figure 7: New Watch List Wizard – Name and Currency	18
Figure 8: New Watch List Wizard – Selecting Columns.....	19
Figure 9: New Watch List Wizard – Selecting Symbols	20
Figure 10: My Watch List.....	21
Figure 11: Export Dialog	22
Figure 12: Export Dialog	23
Figure 13: Export Dialog	24
Figure 14: Export Dialog	25
Figure 15: Watch Lists Menu.....	26
Figure 16: Index Watch List.....	27
Figure 17: Market Watch List	27
Figure 18: Spot Symbols View	28
Figure 19: Locked Symbols View	29
Figure 20: Announcements View	30
Figure 21: Quote Request	31
Figure 22: Securities View	32
Figure 23: Market Summary.....	33
Figure 24: Currencies	34
Figure 25: Web Browser.....	34
Figure 26: News Preferences	35
Figure 27: News.....	36
Figure 28: Open New Window	37
Figure 29: Open Perspective	38
Figure 30: Open Perspective Dialog	39
Figure 31: Charts Perspective.....	39

Figure 32: Tool Bar Visibility.....	40
Figure 33: Menu Visibility.....	42
Figure 34: Menu Visibility - File Menu	43
Figure 35: Menu Visibility - Edit Menu.....	44
Figure 36: Menu Visibility – Watch Lists	45
Figure 37: Menu Visibility – Trading Menu	46
Figure 38: Menu Visibility – View Menu	47
Figure 39: Menu Visibility – Reports Menu.....	48
Figure 40: Menu Visibility – Utilities Menu	49
Figure 41: Menu Visibility – Window Menu.....	50
Figure 42: Menu Visibility – Help Menu.....	51
Figure 43: Save Perspective As.....	52
Figure 44: Preferences – General - Currencies.....	54
Figure 45: Preferences –General - Network.....	55
Figure 46: Preferences – General - Perspectives	56
Figure 47: Preferences – General – Startup and Shutdown.....	57
Figure 48: Preferences – Appearance – Colors and Fonts	58
Figure 49: Preferences – Charts – Default Values.....	59
Figure 50: Preferences – Logging	60
Figure 51: Preferences – News.....	61
Figure 52: Preferences – Notification Setting – KSE Announcement Setting	62
Figure 53: Preferences – Notification setting – Locked Symbols.....	63
Figure 54: Preferences – Notification Setting – Orders and Trades.....	64
Figure 55: Preferences – BMA Server	65
Figure 56: Install New Software	66
Figure 57: Add Software Site.....	67
Figure 58: Install New Software	67
Figure 59: Give Update Site Location	68
Figure 60: Reloading Software Site	68
Figure 61: Software Site Unavailable	69
Figure 62: Update Software	70
Figure 63: List of New Software Available	71
Figure 64: Updating Software	71
Figure 65: Warning – Unsigned Content.....	72
Figure 66: Restart Application.....	72
Figure 67: No Updated Available	72
Figure 68: Open a Chart	73
Figure 69: Change Type of Chart	74
Figure 70: Change Type of Chart	74
Figure 71: Change Type of Chart.....	75
Figure 72: Top Indicators.....	76
Figure 73: Bollinger Bands - General	76
Figure 74: Bollinger Bands Indicators	77
Figure 75: Bollinger Bands Indicators	78
Figure 76: Bottom Indicators	79

Figure 77: Bottom Indicators	80
Figure 78: Bottom Indicators	80
Figure 79: FanLine	81
Figure 80: FiboArc	81
Figure 81: FiboLine	82
Figure 82: FiboLine	82
Figure 83: Patterns	83
Figure 84: Patterns	84
Figure 85: Volume	84
Figure 86: Orders.....	86
Figure 87: Orders Summary	87
Figure 88: Trades.....	88
Figure 89: Trades Summary	89
Figure 90: Buy Order Form.....	90
Figure 91: Order Confirmation Prompt.....	91
Figure 92: Order Confirmation	91
Figure 93: Sell Order Form	92
Figure 94: Order Confirmation Prompt.....	93
Figure 95: Order Confirmation Prompt.....	93
Figure 96: Modify Order Form	94
Figure 97: Modify Confirmation Prompt.....	94
Figure 98: Modify Confirmation.....	95
Figure 99: Cancel Order.....	95
Figure 100: Cancel Order Confirmation Prompt	95
Figure 101: Cancel Order Confirmation	96
Figure 102: Cancel Order Confirmation (order not cancelled)	96
Figure 103: Fund Movement.....	97
Figure 104: Combined Margin View.....	98
Figure 105: Margin Detail View.....	99
Figure 106: Client Margin View.....	100
Figure 107: Integrated Ledger Report.....	102
Figure 108: Payment Requests Report.....	103
Figure 109: Net Share Custody Report.....	104
Figure 110: Outstanding Orders Report.....	105
Figure 111: Periodic Summary Report	106
Figure 112: Periodic Detail Report	107

About this Document

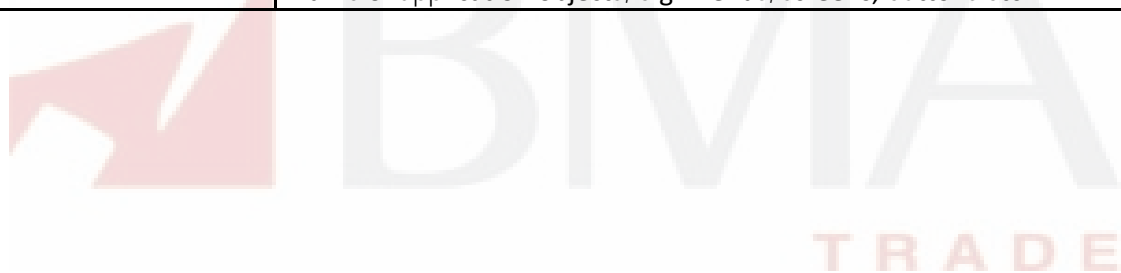
This document is about the features and functionality of Trading Terminal through which a user can place orders and view current market stats in real time. It intends to guide the user of the application about all views and windows available so that he/she can use it effectively. The document discusses different types of views available in the application as well as different customization options to customize these views according to user preferences.

Audience

As this document is all about the features and usage of online trading terminal, it is intended for all users of Online Trading.

Conventions

CONVENTION / STYLE	Purpose
Bold	Name of application objects, e.g. menus, screens, buttons etc.



Introduction

Trading Terminal is an online trading application that offers the ability to buy and sell shares and view real time stock information. Trading Terminal client is installed on the system. This client gets connected with the Trading Server. Trading Server has different components running. A main component is Message Server which is connected with a Trading Engine. Trading Engine is responsible for executing trades. Other server side components are Feed Server, Feed Reader, SubFeed Server, FIXGateway etc. These components are responsible for various server side operations. This manual covers client portion of the Terminal only. This Terminal (client) offers a variety of different useful menu options to facilitate sale/purchase and manage client information efficiently.

Trading Terminal provides following advanced features:

Different perspectives named Banking, Charts, Research, Social and Trading are available which provide user interface for different views and operations.

All basic views and operations are available in Trading Perspective. In this perspective current market statistics for different stocks are available. This perspective also provides exchange metrics through a number of watch lists e.g. New Watch List, Index Watch List, Market Watch List and PMEX or NCEL watch list etc. Order book and Trade log views are maintained which keep record of all pending orders and executed trades respectively. A file is also maintained keeping record of all of the current day trades. Buy, Sell, Take, Hit orders can be placed and user can also modify/cancel his/her pending orders. Client margin is checked in real time during order entry, taking into account the client's executed trades and pending orders. Client can view his/her current clearing and overall portfolio positions.

Charts perspective provides different stocks and exchange statistics. Advanced charting module is provided containing Symbol and Index graphs.

All of the views can be customized according to user preferences and the customizations persist even after exit from the application and are restored on start up.

Application Screens

1	2	3
Definitional	Transactional	Reports
<ul style="list-style-type: none"> • Getting Started • Login <ul style="list-style-type: none"> • 1.1-Login Window • 1.2-Invalid User Id / Password • 1.2-Application Startup <ul style="list-style-type: none"> • 1.2.1-Perspective Selection • 1.3-File Menu <ul style="list-style-type: none"> • 1.3.1-New Wizard > New Watch List • 1.3.2-Export • 1.4-Watch Lists Menu <ul style="list-style-type: none"> • 1.4.1-New Watch List • 1.4.2-Index Watch List • 1.4.3-Market Watch List • 1.4.4-PMEX • 1.5-Views Menu <ul style="list-style-type: none"> • 1.5.1-Spot Symbol View • 1.5.2-Locked Symbols • 1.5.3-Announcements • 1.6-Utilities Menu <ul style="list-style-type: none"> • 1.6.1-Quote Request • 1.6.2-Securities • 1.6.3-Market Summary • 1.6.4-Events • 1.6.5-Currencies • 1.6.6-Web Browser • 1.6.7-News • 1.7-Window Menu <ul style="list-style-type: none"> • 1.7.1-Open New Window • 1.7.2-Open Perspective • 1.7.3-Customize Perspective • 1.7.4-Save Perspective As • 1.7.5-Reset Perspective • 1.7.6-Preferences • 1.8-Help Menu <ul style="list-style-type: none"> • 1.8.1-Install New Software • 1.8.2-Check for Updates • 1.9-Charts Perspective <ul style="list-style-type: none"> • 1.9.1-Top Indicators • 1.9.2-Bottom Indicators • 1.9.3-Tools • 1.9.4-Patterns • 1.9.5-Others 	<ul style="list-style-type: none"> • 2.1-Trading Menu <ul style="list-style-type: none"> • 2.1.1-Orders • 2.1.2-Orders Summary • 2.1.3-Trades • 2.1.4-Trades Summary • 2.1.5-Buy Order • 2.1.6-Sell Order • 2.1.7-Modify Order • 2.1.8-Cancel Order • 2.1.9-Fund Movement • 2.1.10-Combined Margin View • 2.1.11-Margin Detail View • 2.1.12-Client Margin View 	<ul style="list-style-type: none"> • 3.1-Reports Menu <ul style="list-style-type: none"> • 3.1.1-Integrated Ledger • 3.1.2-Customer Payment • 3.1.3-Net Share Custody • 3.1.4-Outstanding Orders • 3.1.5-Periodic Summary • 3.1.6-Periodic Detail

1 Definitional

Getting Started:

Navigation:

Start Menu > Programs > BMA Trading Terminal > Trading Terminal.Ink

By default, Trading Terminal is installed in Start Menu > Programs > BMA Trading Terminal folder of start menu. Start Menu > Programs > BMA Trading Terminal > config.ini file contains some configuration parameters that are appropriate when application is installed. These can be modified later if required.

On start up, Terminal gets connected with the Trading Server. In case, if it fails to connect with the Server, following message appears. The connection may fail due to having temporary Server shutdown or some communication channel failures.

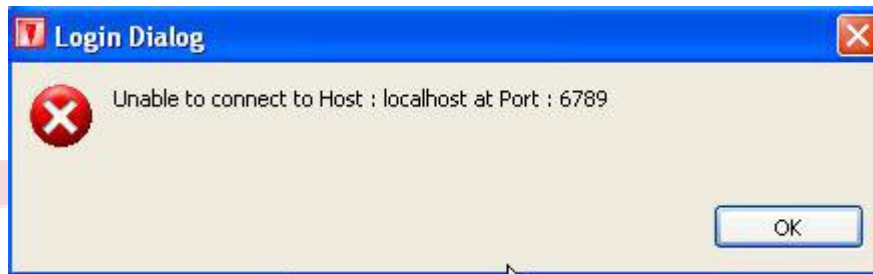


Figure 1: Connection Failed

1.1 Login

1.1.1 Login - Login Window

Navigation:

Start Menu > Programs > BMA Trading Terminal > Trading Terminal.Ink

Each application user is provided with a unique user name and password. Each user has a particular user type that determines the level of access a user has to the application. There are three types of users:

Trader has full access to all of the views (except Portfolio View) and can place orders on behalf of different clients associated with the trader.

Client also has full access to all of the views (including Portfolio View) but can place orders on behalf of him/her only.

Subscriber has limited access to the application. Order related views and functionality is not available for this type of user while all other views are available.

For application login,

Login – Login Window (cont.)

Enter user ID in the User Id field.

Enter password in the Password field.

Press the ENTER key or click OK button.



Figure 2: Login Window

Screen Explanation

Field	Function
User Id	User Id of the user
Password	Password of the user
Save Password	If checked saved password for next logon

1.1.2 Invalid User Id / Password

Navigation

Start Menu > Start Menu > Programs > BMA Trading Terminal > Trading Terminal.lnk

Give user name and password. Invalid user id or password screen is displayed in case of invalid user id or password.



Figure 3: Invalid User Id or Password

1.2 Application Startup

Navigation:

Start Menu > Programs > BMA Trading Terminal > Trading Terminal.Ink

Give valid user id and password. On successful logon this screen is displayed.

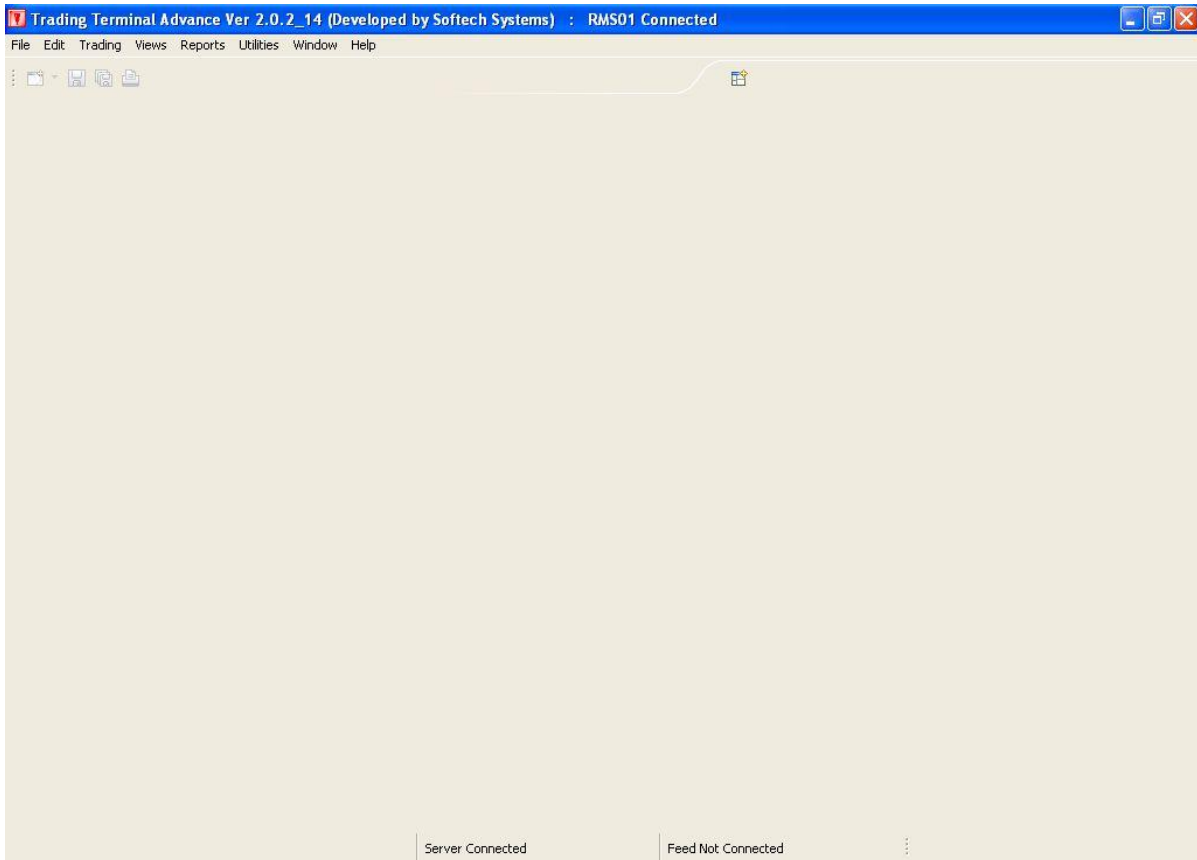


Figure 4: Terminal screen on successful logon

1.2.1 Application Startup – Perspective Selection

Navigation:

Start Menu > Programs > BMA Trading Terminal > Trading Terminal.Ink

Give user id and password. On successful logon, terminal screen appears.

Click on the icon encircled in red in the figure 4, select **Other** and then select **Trading Perspective** from the popup window.

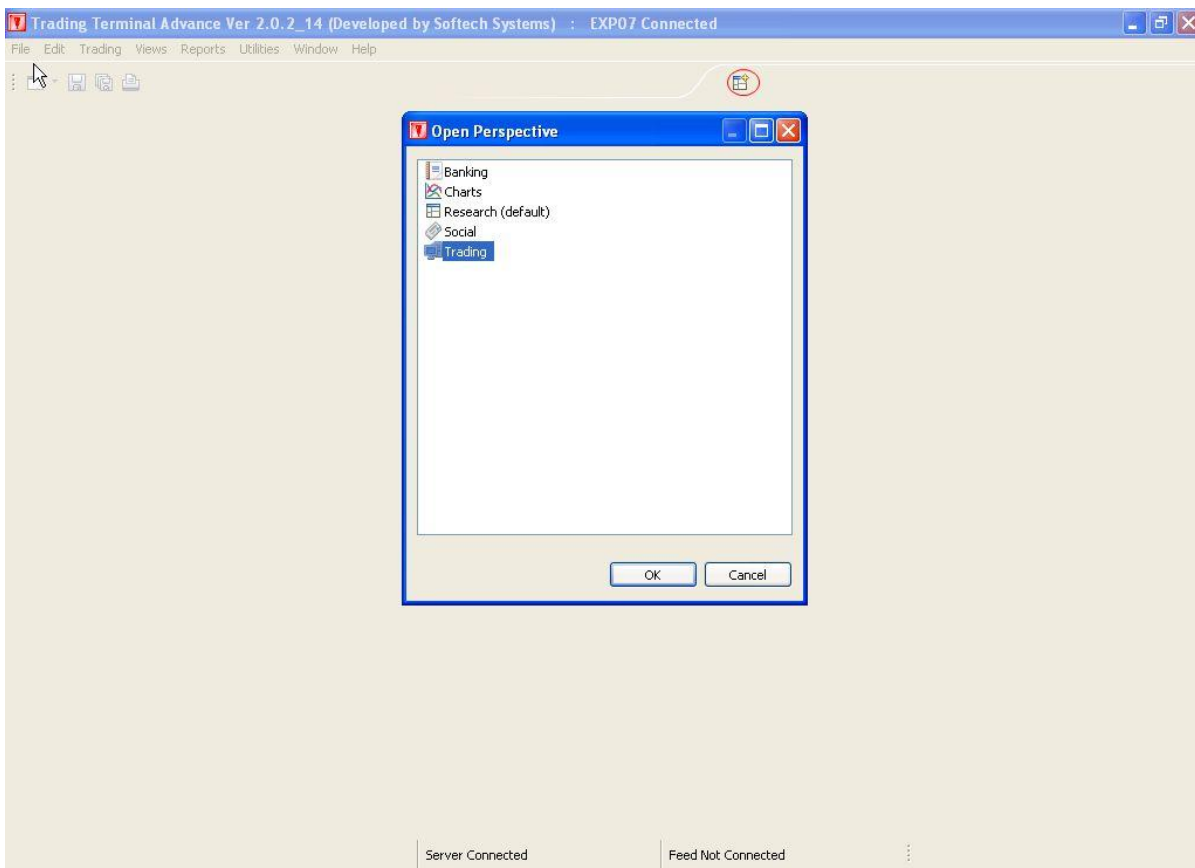


Figure 5: Selecting Trading Perspective

Application Startup – Perspective Selection (cont.)

Following screen appears.

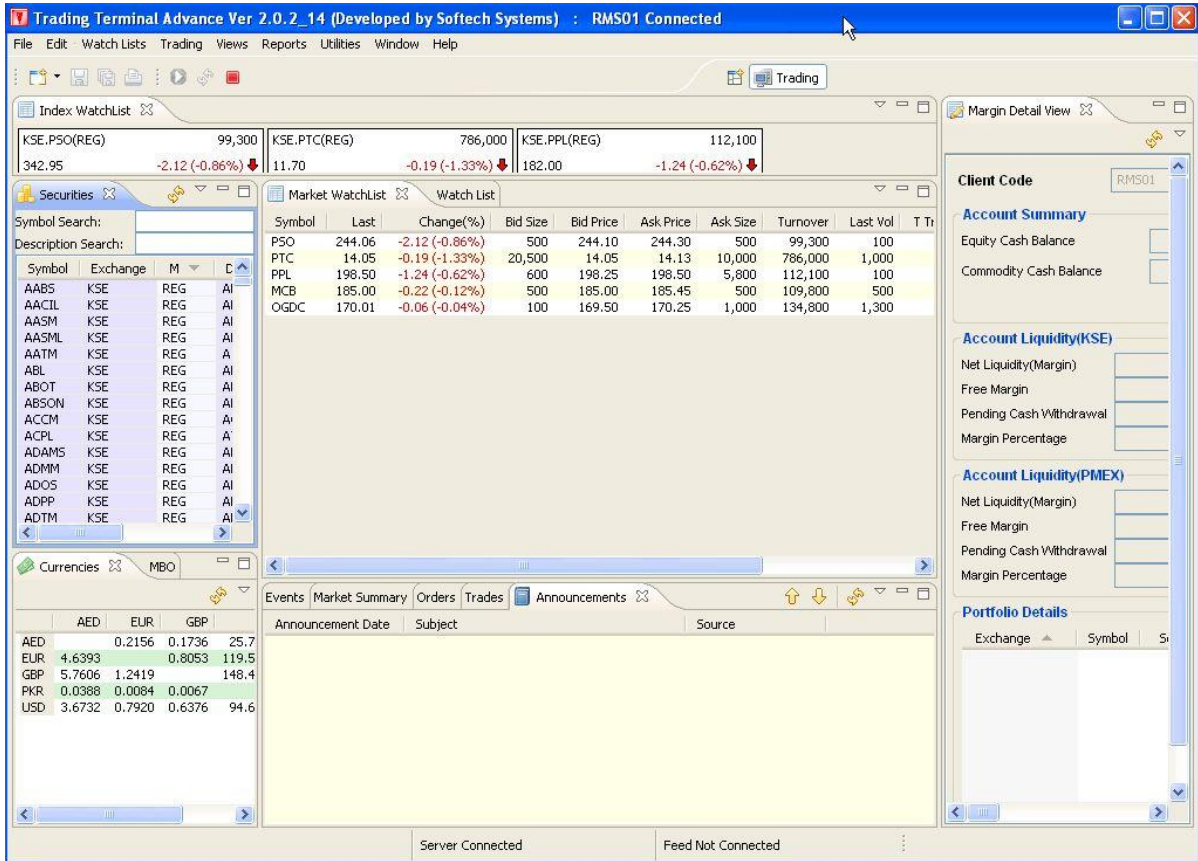


Figure 5: Trading Perspective

1.3 File Menu

1.3.1 File Menu - New Wizard – New Watch List

Navigation:

File > New Wizard > New Watch List

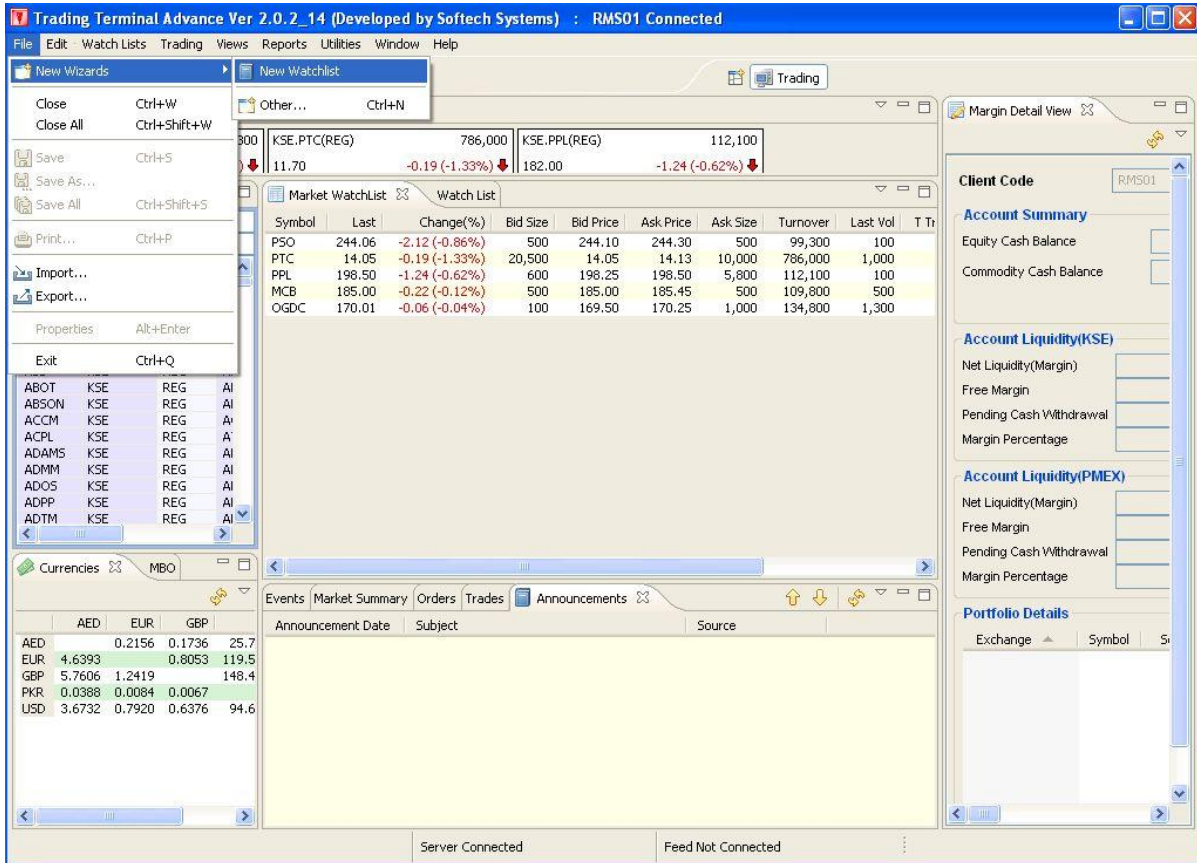


Figure 6: New Watch List Wizard

File Menu - New Wizard – New Watch List (cont.)

New Watchlist Wizard

General
Set the name of the watchlist

Name: My Watch List

Currency: PKR Use default currency of security

< Back Next > Finish Cancel

Figure 7: New Watch List Wizard – Name and Currency

Screen Explanation

Field	Function
Name	Name of the Watch List
Currency	Currency to be used in the Watch List
Use default currency for security checkbox	Check this checkbox to use the default currency of the security.

File Menu - New Wizard – New Watch List (cont.)

Select the column(s) from the Available columns and press the arrow key encircled in the figure. You can also press the button below the encircled button to select all columns. You can also re-order the shown columns by pressing the buttons after shown column list.

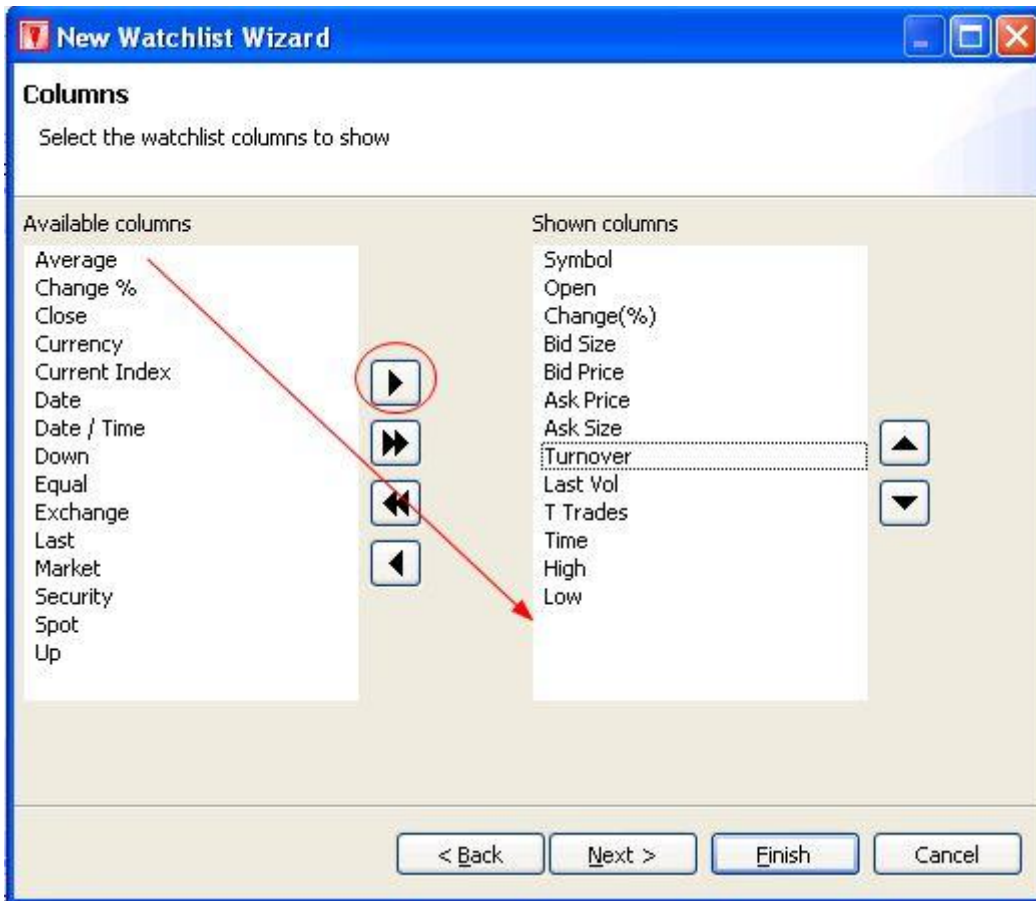


Figure 8: New Watch List Wizard – Selecting Columns

Screen Explanation

Field	Function
Available columns	Columns to be selected.
Shown columns	Selected columns to be displayed with the securities in the Watch List

File Menu - New Wizard – New Watch List (cont.)

Screen mentioned in the figure 9 appears. Select the security(ies) from the available list of securities and press the arrow button encircled in red. You can also re-order the securities by pressing up and down button displayed on the right of shown securities list.

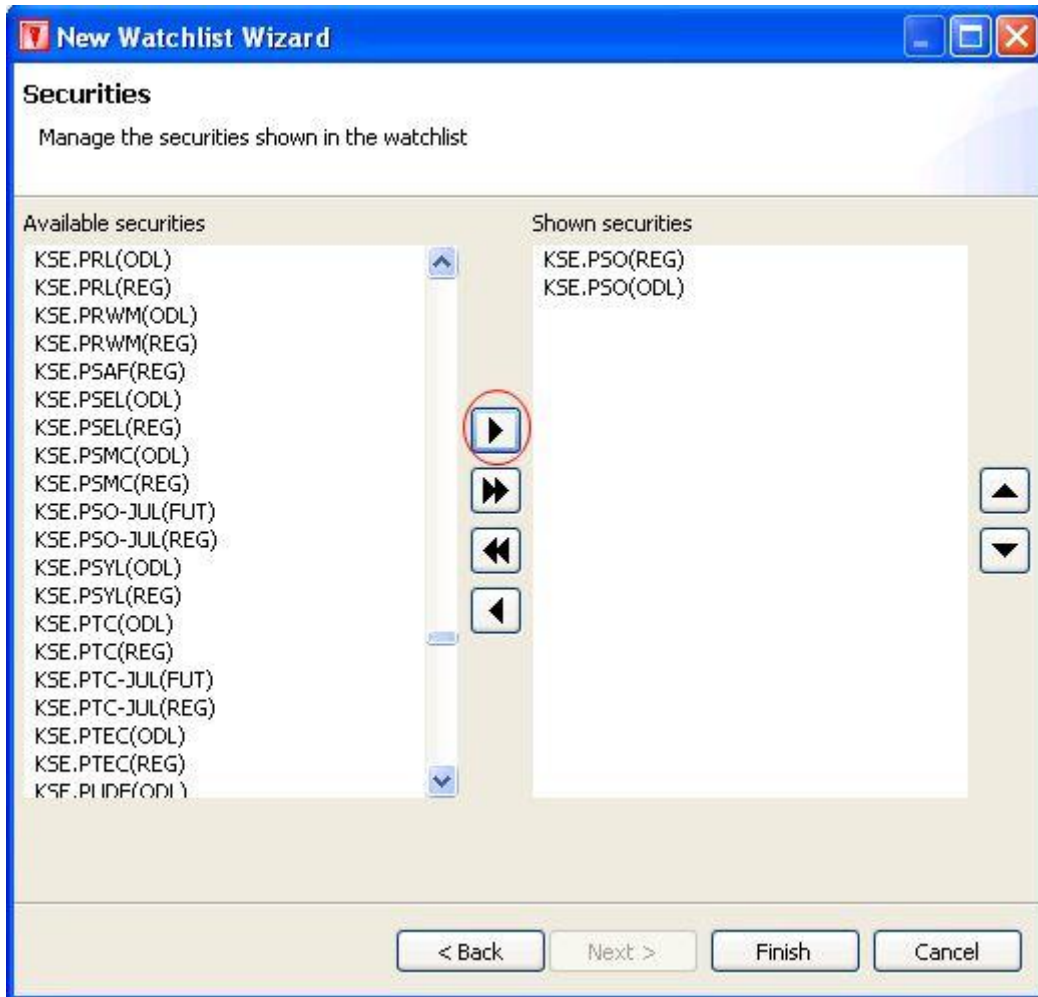


Figure 9: New Watch List Wizard – Selecting Symbols

Screen Explanation

Field	Function
Available securities	Securities to be selected.
Shown securities	Select securities to be displayed in the Watch List.

Press Finish button after selecting the securities. Screen mentioned in the next figure appears.

File Menu - New Wizard – New Watch List (cont.)

Symbol	Open	Change(%)	Bid Size	Bid Price	Ask Price	Ask Size	Turnover	Last Vol	T Trades	Time	High
PSEL	138.65	0.00 (0.00%)	1	131.72	145.58	49					
PSMC	0.00	0.00 (0.00%)								13:56:43	

Figure 10: My Watch List



1.3.2 File Menu – Export

Navigation:

File > Export

This option exports the chart data or Trade log on to a specified file.

Following popup dialog appears.

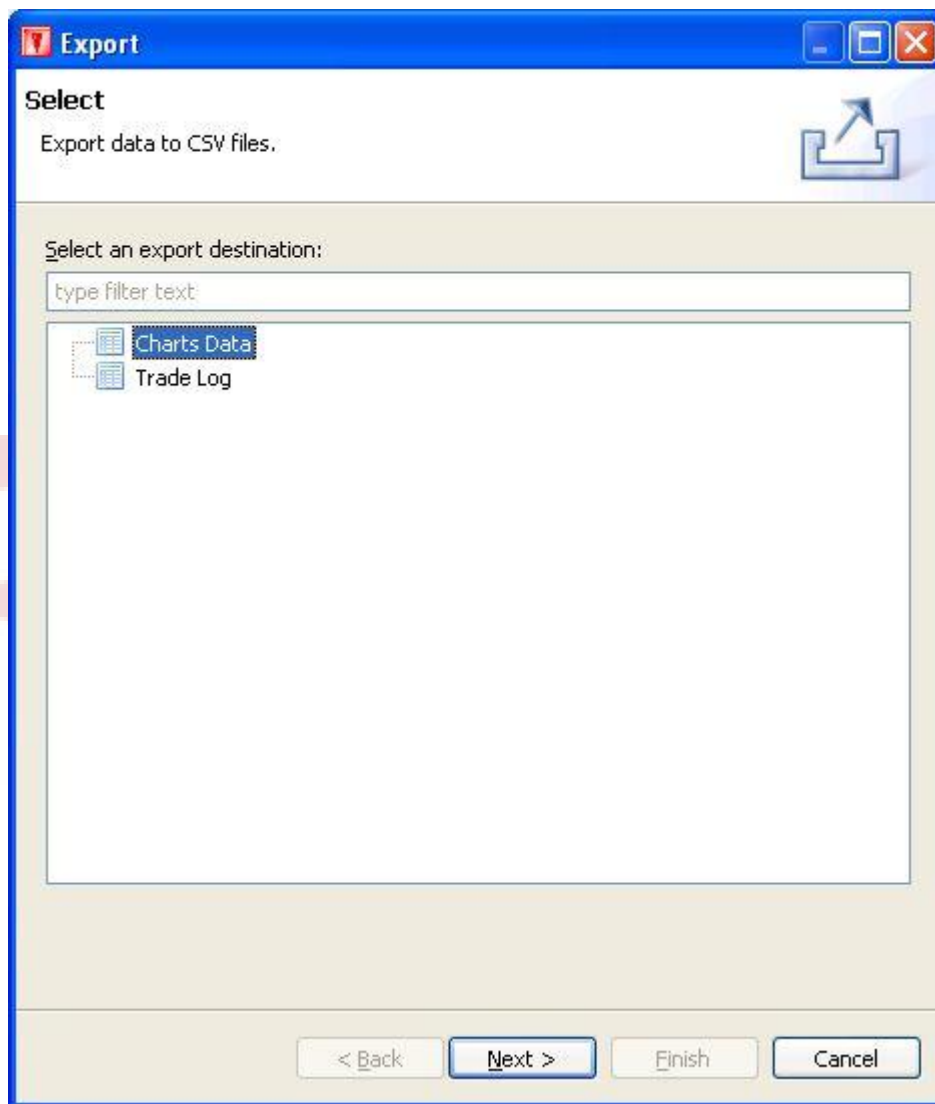


Figure 11: Export Dialog

To export charts data click on Charts Data in the dialog. Click next.

File Menu – Export (cont.)

Following screen appears

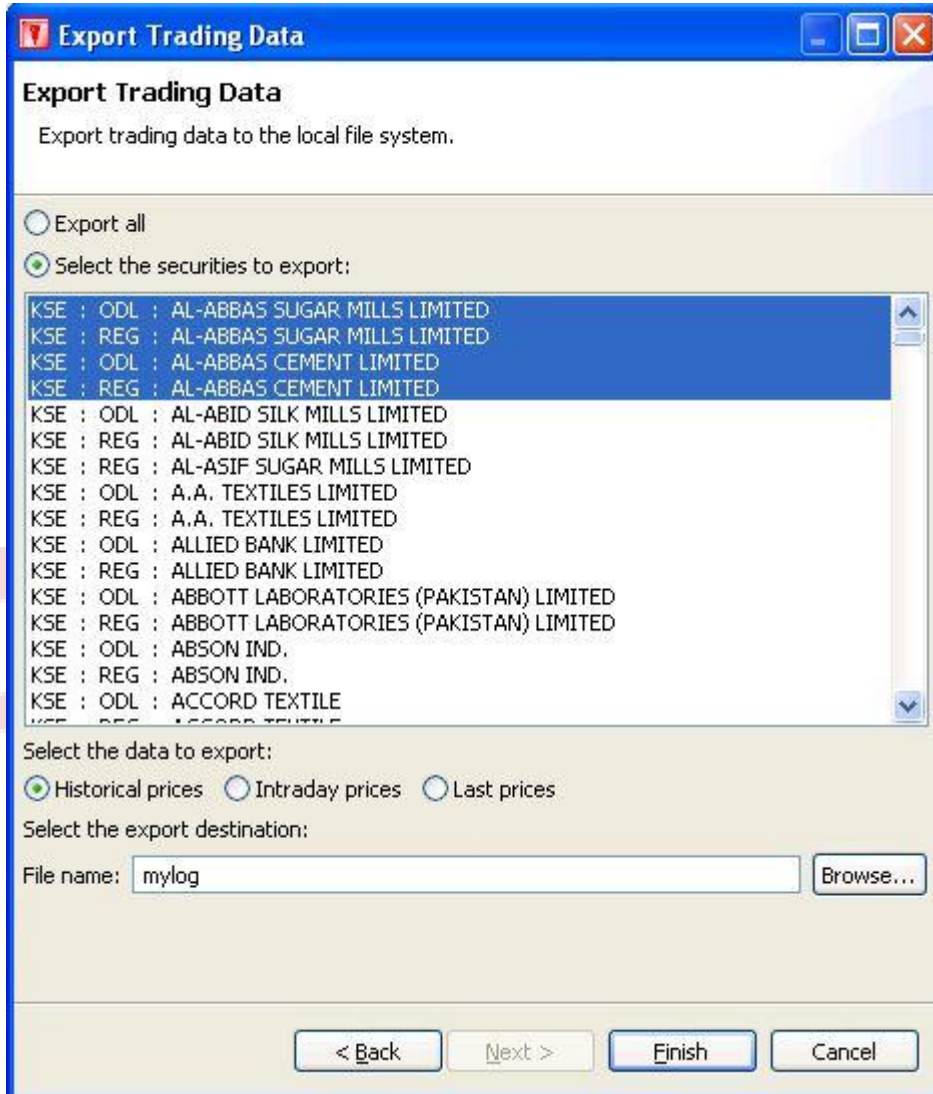


Figure 12: Export Dialog

Click on “Export all” combo box to export all securities. To export a selected list of securities, select “Select the securities to export”. Highlight the securities to export. For historical prices select “Historical prices” combo, whereas select “Intraday prices” to select intraday price, whereas select “Last prices” to select last prices. Click browse specify location and give the filename. Click finish. Open the exported file to check the data.

File Menu – Export (cont.)

To export Trade Log select “Trade Log” from the export dialog. Click Next.



Figure 13: Export Dialog

File Menu – Export (cont.)

Following screen appears.

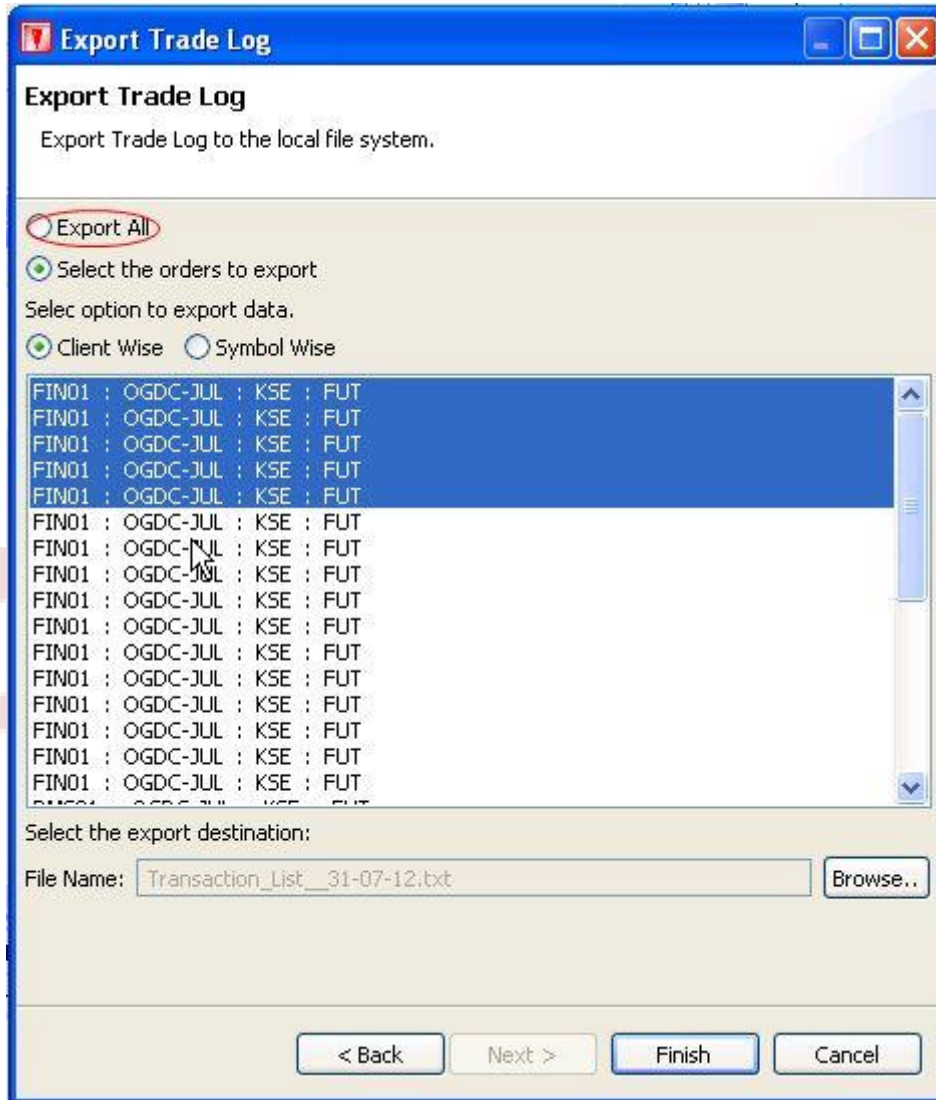


Figure 14: Export Dialog

Select "Export All" encircled in red to export all securities. Whereas to export selected orders select "Select the orders to export". Highlight the orders to export. Select option to export data i.e. "Client Wise" or "Symbol Wise". Click on browse and give the filename. Click finish to export the log.

1.4 Watch Lists Menu

Most of the Watch Lists are stock feed based and have similar customization options. User can choose symbols to be shown in the Watch List. User can select different columns to be shown on the Watch List from a list of columns and can also arrange these columns in some desired order. User's current settings for different view attributes, layout and positioning are saved on application exit and persist even after application has been closed. These settings are restored next time application is started.

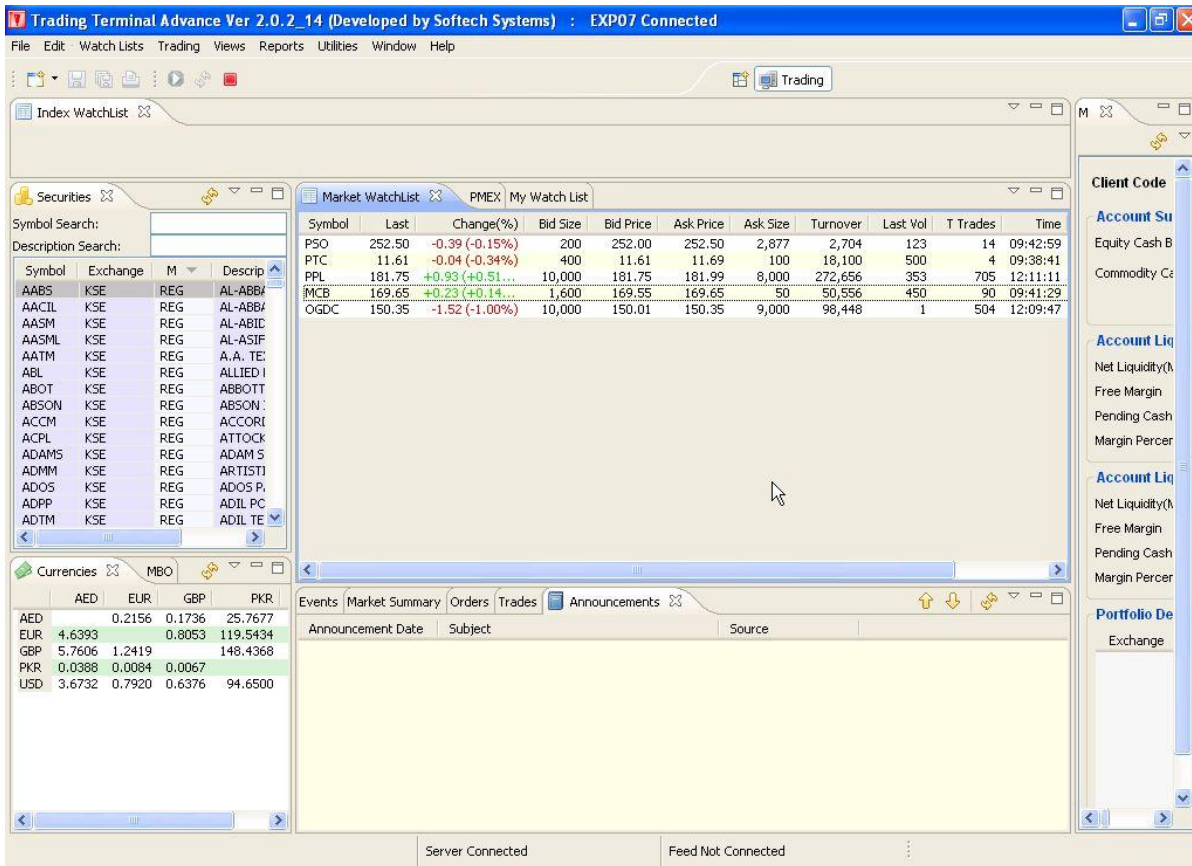


Figure 15: Watch Lists Menu

1.4.1 Watch Lists Menu – New Watch List

Navigation:

Watch Lists Menu > New Watch List

New watch list is same as File > New Wizard > New Watch List. For details refer to File Menu - New Wizard – New Watch List. Details are explained in 1.3.1.

1.4.2 Watch Lists Menu – Index Watch List

Navigation:

Watch Lists Menu > Index Watch List

Drag and drop securities from the Market Watch List onto the Watch List.



KSE.PSO(REG)	2,704	KSE.PTC(REG)	18,100	KSE.PPL(REG)	272,656
342.95	-0.39 (-0.15%) ↓	11.70	-0.04 (-0.34%) ↓	182.00	+0.93 (+0.51%) ↑

Figure 16: Index Watch List

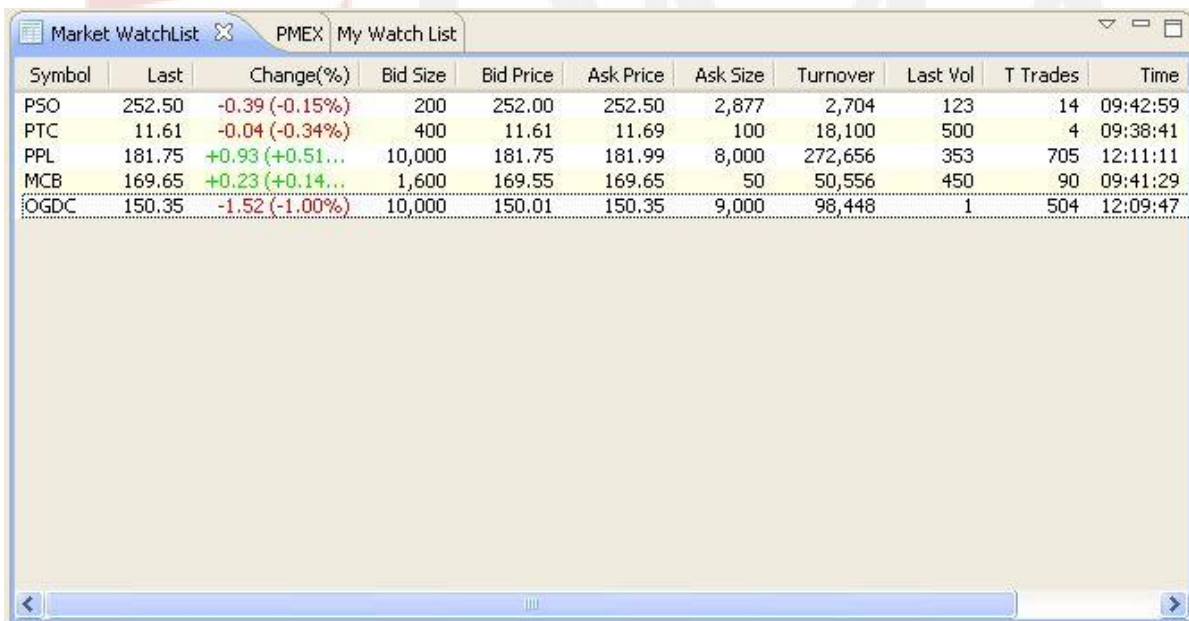
Indexed values are displayed with the securities along with the change percentage.

1.4.3 Watch Lists Menu – Market Watch List

Navigation:

Watch Lists Menu > Market Watch List

Drag and drop the securities from the Securities view onto the Market Watch List.



Symbol	Last	Change(%)	Bid Size	Bid Price	Ask Price	Ask Size	Turnover	Last Vol	T Trades	Time
PSO	252.50	-0.39 (-0.15%)	200	252.00	252.50	2,877	2,704	123	14	09:42:59
PTC	11.61	-0.04 (-0.34%)	400	11.61	11.69	100	18,100	500	4	09:38:41
PPL	181.75	+0.93 (+0.51%)	10,000	181.75	181.99	8,000	272,656	353	705	12:11:11
MCB	169.65	+0.23 (+0.14%)	1,600	169.55	169.65	50	50,556	450	90	09:41:29
OGDC	150.35	-1.52 (-1.00%)	10,000	150.01	150.35	9,000	98,448	1	504	12:09:47

Figure 17: Market Watch List

Details are displayed on the Market Watch List.

1.5 Views Menu

1.5.1 Views Menu - Spot Symbols View

Navigation:

Views > Spot Symbols

Spotted symbols are displayed in this view.

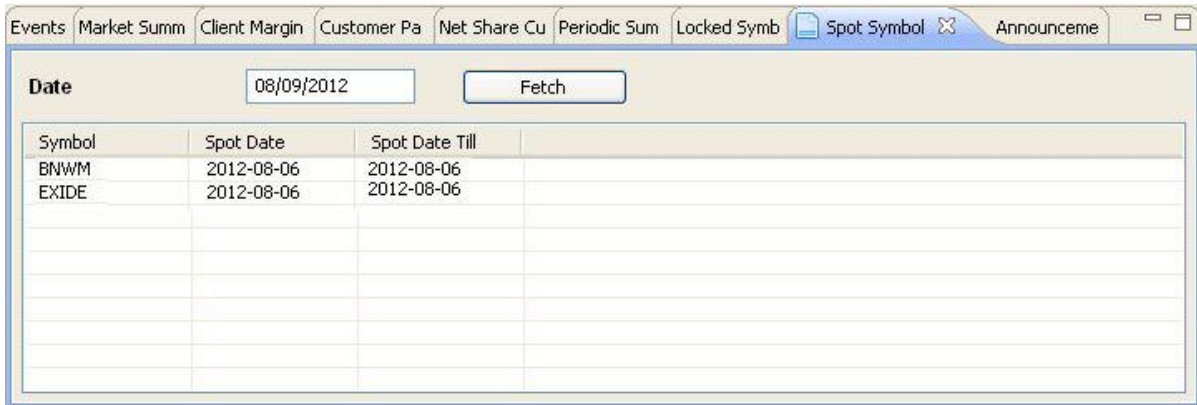


Figure 18: Spot Symbols View

Screen Explanation

Field	Function
Date	Date on which symbols are spotted

1.5.2 Views Menu - Locked Symbol View

Navigation:

Views > Locked Symbols

Locked Symbols View displays upper and lower locked symbols.

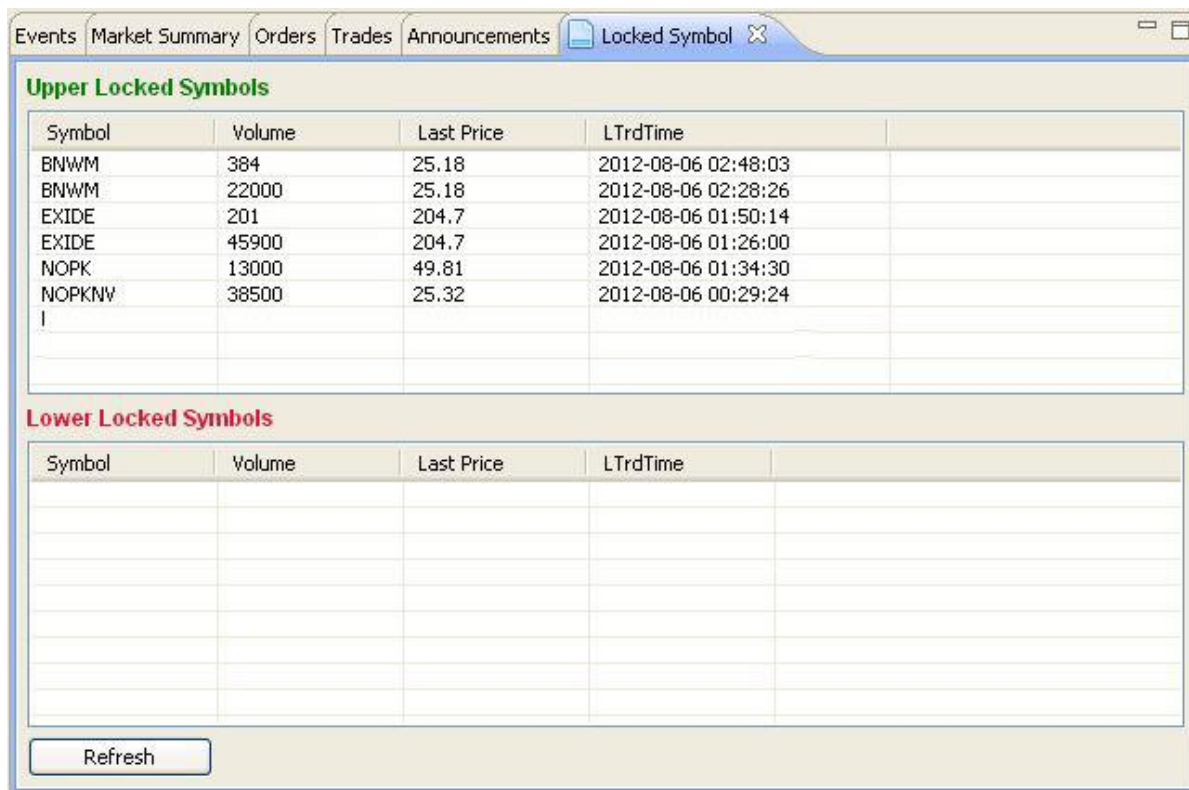


Figure 19: Locked Symbols View

TRADE

1.5.2 Views Menu - Announcements

Navigation:

Views > Announcements

Announcements view displays announcements for the user logged in.

Announcement Date	Subject	Source
08/06/2012 15:12	Notice for all Members - Capital Adequacy Re...	KSE
08/06/2012 14:44	KSE Notice	KSE
08/06/2012 14:39	CDC - Brothers Textile Mills Limited	KSE
08/06/2012 14:37	Johnson and Phillips (Pakistan) Ltd.	KSE
08/06/2012 14:36	Orix Leasing Pakistan Limited.	KSE
08/06/2012 13:42	Engro Polymer & Chemicals Limited	KSE
08/06/2012 12:54	Dawood Lawrancepur Limited	KSE
08/06/2012 12:52	First IBL Modaraba	KSE
08/06/2012 12:37	Bank AL-Habib Limited	KSE
08/06/2012 12:32	First IBL Modaraba	KSE
08/06/2012 12:19	Kot Addu Power Company	KSE
08/06/2012 12:17	Meezan Bank Ltd.	KSE
08/06/2012 12:17	United Bank Ltd.	KSE
08/06/2012 12:15	KASB Funds Limited	KSE
08/06/2012 12:14	KASB Funds Limited	KSE
08/06/2012 12:12	Maple Leaf Cement Factory Limited	KSE
08/06/2012 12:10	Flying Cement Ltd.	KSE
08/06/2012 10:33	Pak Petroleum Ltd.	KSE
08/06/2012 09:29	Agritech Limited	KSE
08/06/2012 09:25	Azgard Nine Ltd.	KSE
08/06/2012 09:18	Dawood Lawrancepur Limited	KSE
08/06/2012 12:37	UBL Fund Managers Ltd	KSE

Figure 20: Announcements View

TRADE

Double click the announcement to view it.

1.6 Utilities Menu

1.6.1 Utilities Menu – Quote Request

Navigation:

Utilities > Quote Request

or

Securities View > Right Click Symbol > Quote Request

Quote Request displays the quotes for the selected symbol. It includes exchange, symbol, market, description, open price, last trade price, change, yest trade, high, low, total trades, turnover, market value, volume, from date, to date, spot, order limits and buy and sell.

Exchange	KSE	Symbol	PSO	Market	REG
Description	PAKISTAN STATE OIL COMPANY LIMITED			Currency	PKR
Open	348.25	Last Trade	256.76	Change	-5.30 (-2.02%)
Yest Trade	348.25	High	350.50	Low	342.00
Total Trades	608	Turnover	540,900	Market Value	138,881,484
				Volume	0

Spot Schedule					
From Date		To Date		Spot	

Order Limits			Buy and Sell		
Lower Price	233.22	Upper Price	257.76	234.22	200
Max Volume	500,000.00	Max Value	25,000,000	257.76	800

Figure 21: Quote Request

1.6.2 Utilities Menu – Securities

Navigation:

Utilities > Securities

Securities view displays the list of securities in the stock exchange. In this view symbol, exchange, market, description and currency are displayed. Select the security(ies), drag it and drop it onto the Watch List to see the detailed statistics.

Symbol	Exchange	Market	Description	Currency
PNSC	KSE	REG	PAKISTAN NATIONAL SHIPPIN...	PKR
POL	KSE	REG	PAKISTAN OILFIELDS LIMITED	PKR
POLYR	KSE	REG	POLYRON LIMITED	PKR
PPL	KSE	REG	PAKISTAN PETROLEUM LIMITED	PKR
PPP	KSE	REG	PAK. PAPER PROD.	PKR
PRET	KSE	REG	PREMIUM TEXTILE	PKR
PRIB	KSE	REG	PRUDENTIAL INVESTMENT BA...	PKR
PRIC	KSE	REG	PRIME INSURANCE COMPANY ...	PKR
PRL	KSE	REG	PAKISTAN REFINERY LIMITED	PKR
PRWM	KSE	REG	PROSPERITY WEAVING MILLS ...	PKR
PSEL	KSE	REG	PAKISTAN SERVICES LIMITED	PKR
PSMC	KSE	REG	PAK SUZUKI MOTOR COMPAN...	PKR
PSO	KSE	REG	PAKISTAN STATE OIL COMPAN...	PKR
PSYL	KSE	REG	PAKISTAN SYNTHETICS LIMITED	PKR
PTC	KSE	REG	PAKISTAN TELECOMMUNICATI...	PKR
PTEC	KSE	REG	PAKISTAN TELEPHONE CABLES...	PKR
PUDF	KSE	REG	PRUDENTIAL STOCKS FUND	PKR
PUNO	KSE	REG	PUNJAB OIL	PKR
QUAT	KSE	REG	QUALITY TEXTILE	PKR
QUET	KSE	REG	QUETTA TEXTILE	PKR

Figure 22: Securities View

Screen Explanation

Field	Function
Symbol Search	Type security symbol to search in the list of securities.
Description Search	Type the security description (name) to search in the list of securities.

1.6.3 Utilities Menu – Market Summary

Navigation:

Utilities > Market Summary

Market Summary view displays top gainers, top loser and volume gainers of the market.

Symbol	Change %	Change(%)	Last Trade	Turnover
EFOOD5	+2.17%	+0.57 (+2.17%)	26.80	10,235
TRG	+0.03%	+0.03 (+0.03%)	1.85	10,100
FCSC	+0.06%	+0.06 (+0.06%)	2.09	10,010
NIB	+0.03%	+0.03 (+0.03%)	1.74	10,000
DCL	+0.05%	+0.05 (+0.05%)	1.60	10,000
DSTL	+0.09%	+0.09 (+0.09%)	1.30	9,245
FFBL	+0.32%	+0.16 (+0.32%)	50.19	7,600
POL	+0.11%	+0.39 (+0.11%)	366.49	6,600
NML	+0.39%	+0.18 (+0.39%)	46.25	5,701

Figure 23: Market Summary

Screen Explanation

Field / Tab	Function
Top Gainers tab	It shows top gaining securities in the market.
Top Losers tab	It shows top losing securities in the market.
Volume Leaders tab	It shows leading volume securities in the market.

1.6.4 Utilities Menu – Events

Navigation:

Utilities > Events

Events view displays event details as they occur.

Date	Time	Security	Message
01/08/2012	00:53:56		The Regular Market is Opened
01/08/2012	00:53:56		14:30:00 The CFS Market is Opened
31/07/2012	00:07:00		The Regular Market is Opened
31/07/2012	00:07:00		14:30:00 The CFS Market is Opened
30/07/2012	05:21:00		The Regular Market is Opened
30/07/2012	05:21:00		14:30:00 The CFS Market is Opened
30/07/2012	05:19:00		The Regular Market is Opened
30/07/2012	05:19:00		14:30:00 The CFS Market is Opened
30/07/2012	05:07:00		The Regular Market is Opened
30/07/2012	05:07:00		14:30:00 The CFS Market is Opened
30/07/2012	03:25:00		The Regular Market is Opened
30/07/2012	03:25:00		14:30:00 The CFS Market is Opened
30/07/2012	03:25:00		The Regular Market is Opened
30/07/2012	03:25:00		14:30:00 The CFS Market is Opened

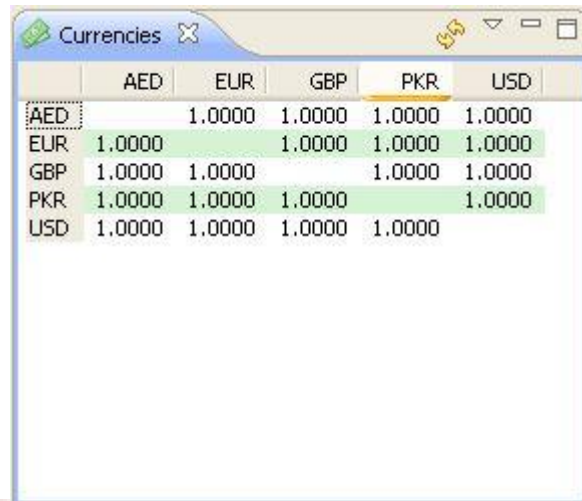
Figure 19: Events

1.6.5 Utilities Menu - Currencies

Navigation:

Utilities > Currencies

Currencies view displays list of currencies available in the market.



	AED	EUR	GBP	PKR	USD
AED		1.0000	1.0000	1.0000	1.0000
EUR	1.0000		1.0000	1.0000	1.0000
GBP	1.0000	1.0000		1.0000	1.0000
PKR	1.0000	1.0000	1.0000		1.0000
USD	1.0000	1.0000	1.0000	1.0000	

Figure 24: Currencies

1.6.6 Utilities - Web Browser

Navigation:

Utilities > Web Browser

Web Browser provides a browser view which allows browsing inside the view.



Figure 25: Web Browser

1.6.7 Utilities Menu - News

Navigation:

Utilities > News

Subscribe to RSS feed by going to Windows > Preferences > News > RSS News. Click Add button and add the URL.

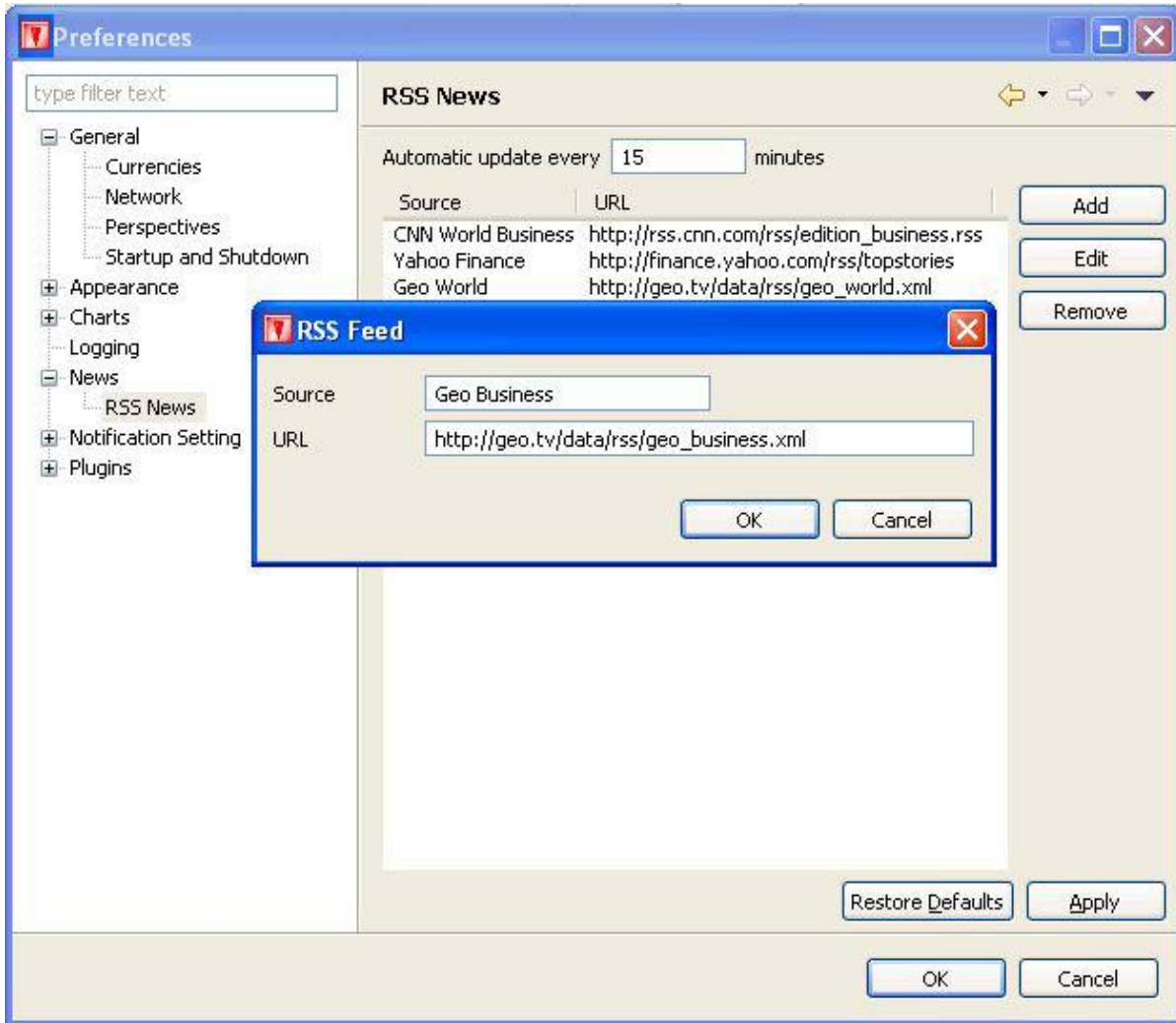


Figure 26: News Preferences

Screen Explanation

Field	Function
Source	Specify the name of the source.
URL	Specify the URL of the source.
Automatic Update	Automatic update time interval in minutes.

Utilities Menu – News (cont.)

News will be displayed in the News View.

Date	Title	Security	Source
08/01/2012 02:05	Shares fall as stimulus hopes fade, China PM...		Yahoo Finance
08/01/2012 02:05	Fed to signal more easing but stop short of b...		Yahoo Finance
08/01/2012 02:05	Rising home prices show traction in housing recovery		Yahoo Finance
08/01/2012 02:05	Apple, Samsung launch salvos as smartphon...		Yahoo Finance
08/01/2012 02:05	Office building sales rebound hits a speed bump		Yahoo Finance
08/01/2012 02:05	Google delays widely-panned "Nexus Q" orb ...		Yahoo Finance
08/01/2012 02:05	China official PMI shows factory sector barel...		Yahoo Finance
08/01/2012 02:05	Record joblessness in euro zone; hope fades...		Yahoo Finance
08/01/2012 02:05	UBS's huge Facebook loss throws doubt on N...		Yahoo Finance
08/01/2012 02:05	Better finance deals spur July auto sales: an...		Yahoo Finance
07/31/2012 23:50	Eid new currency notes from today		Geo Business
07/31/2012 23:21	Power fully restored to India grids: official		Geo World
07/31/2012 23:07	China mudslides kill at least 16: Xinhua		Geo World
07/31/2012 20:41	Selling sperm, eggs to survive		CNN World Business

Figure 27: News



1.7 Window Menu

1.7.1 Window Menu – Open New Window

Navigation:

Window > Open New Window

Open New Window opens a new Window of the terminal.

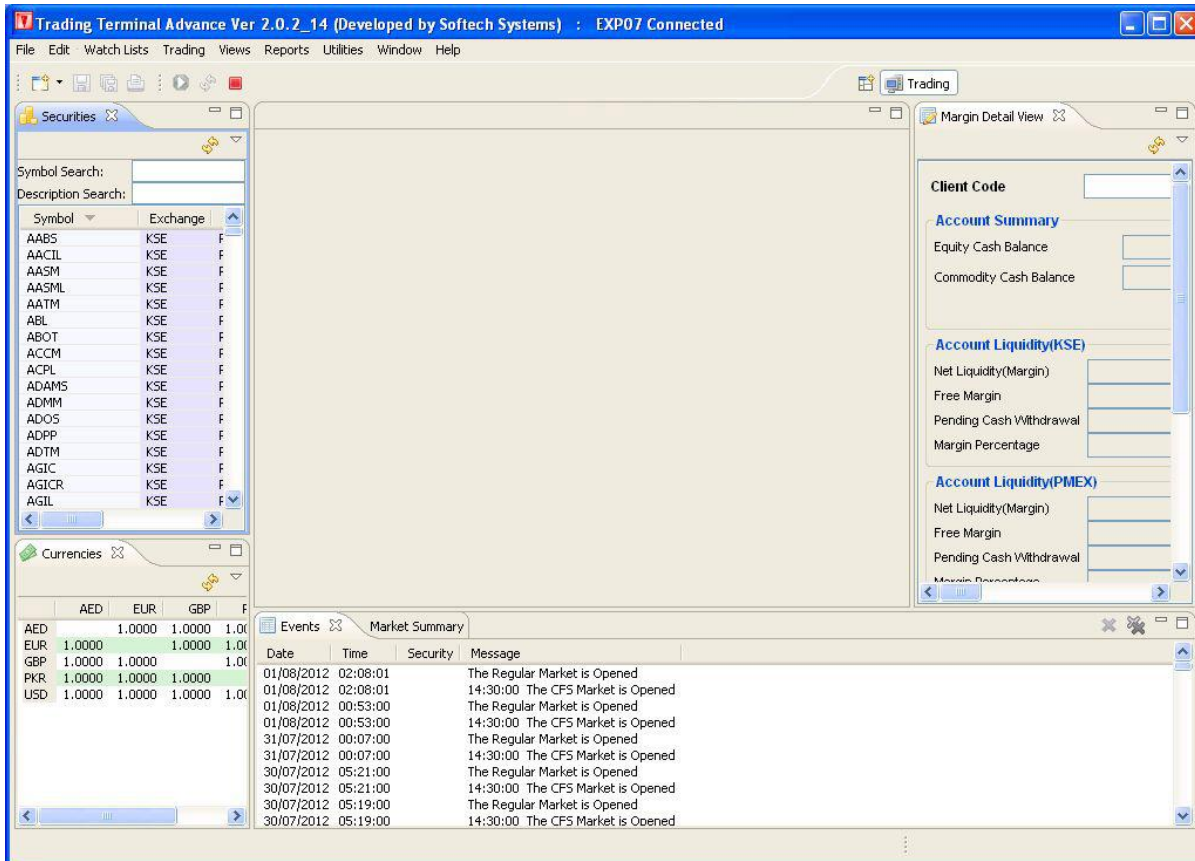


Figure 28: Open New Window

1.7.2 Window Menu – Open Perspective

Navigation:

Window > Open Perspective > Other

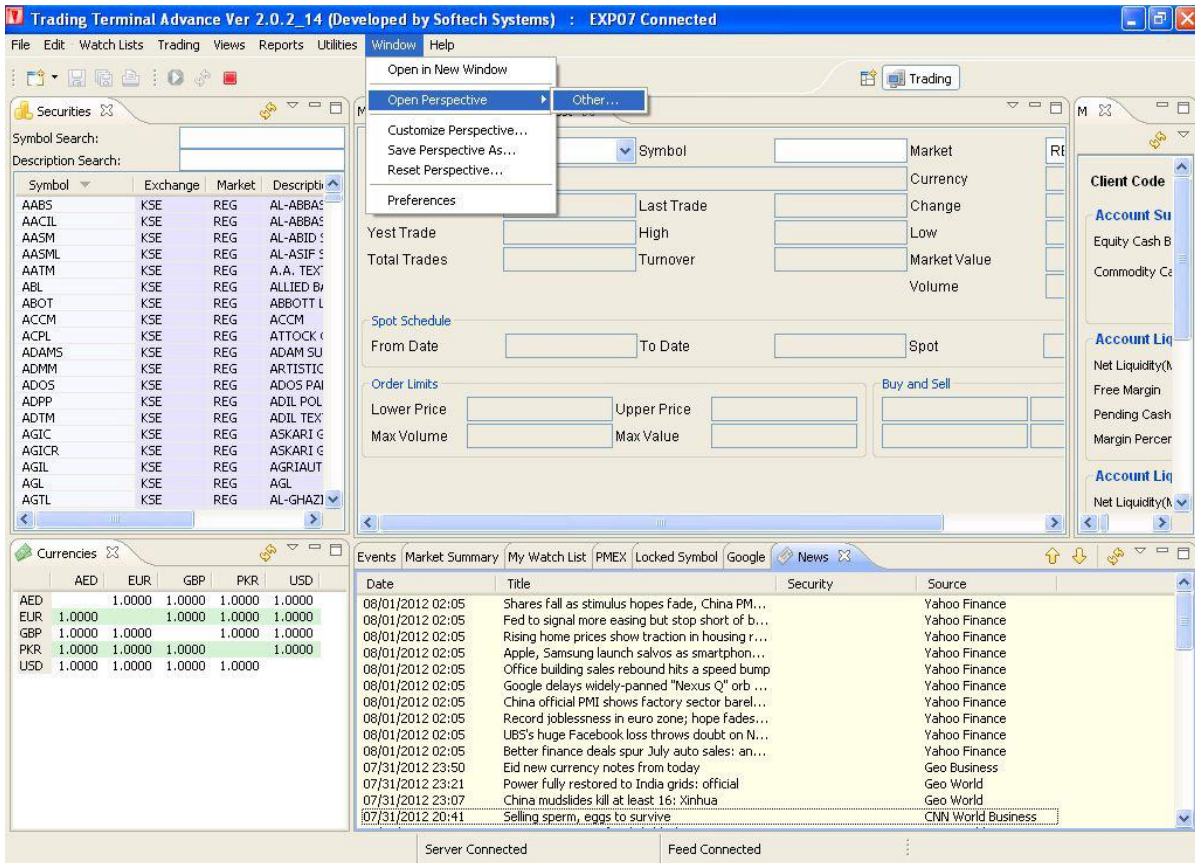


Figure 29: Open Perspective

To open a new perspective, select other in Open Perspective.

Window Menu – Open Perspective (cont.)

Following popup dialog appears.

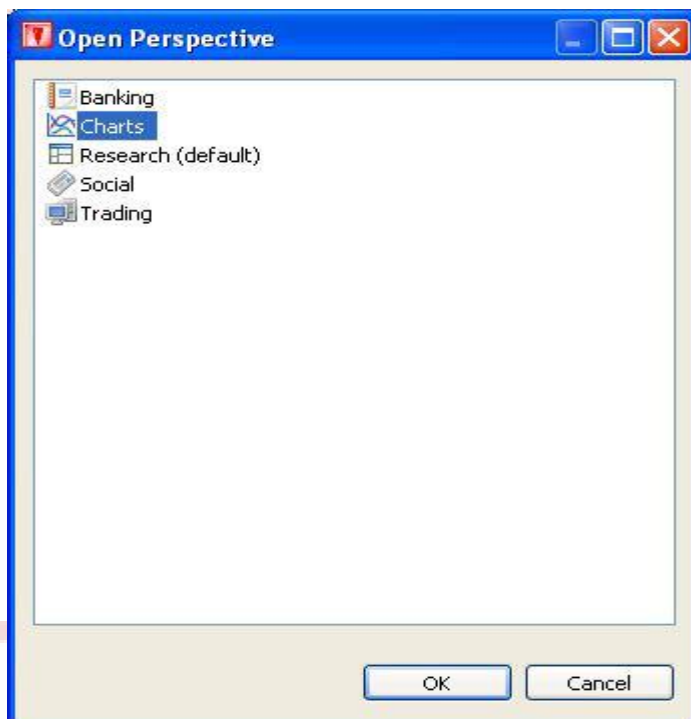


Figure 30: Open Perspective Dialog

Select the perspective to open. Perspective is opened.

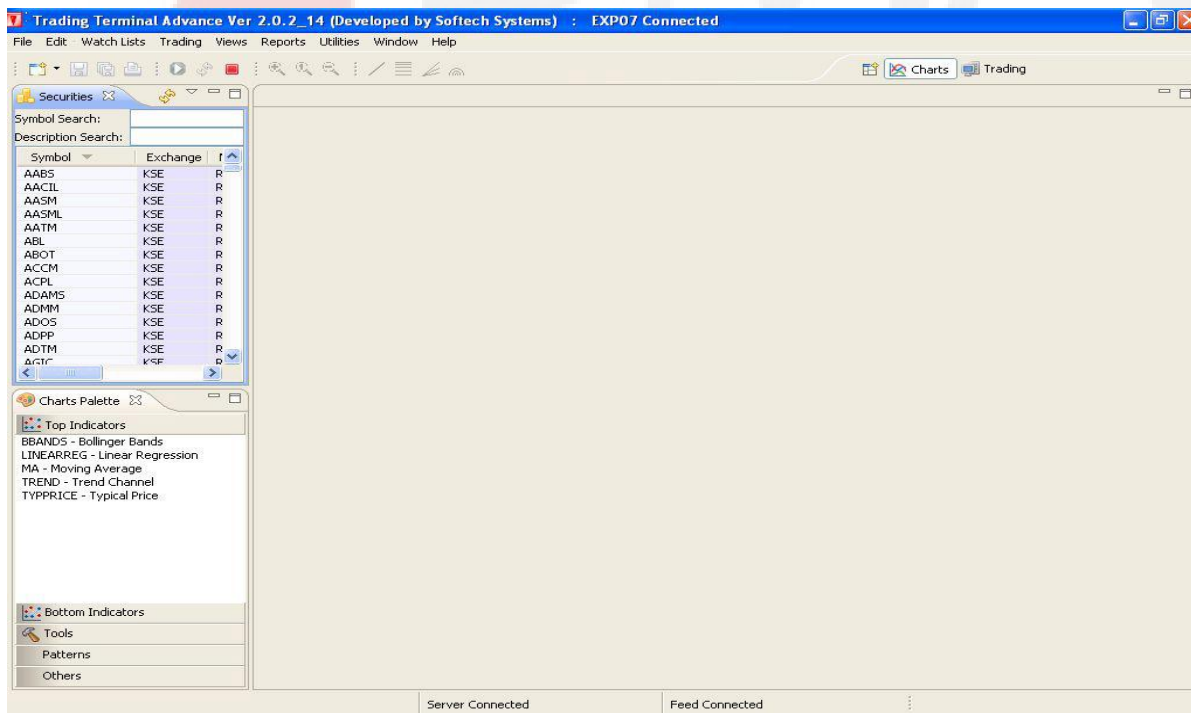


Figure 31: Charts Perspective

1.7.3 Window Menu – Customize Perspective

Navigation:

Window > Customize Perspective

Perspective can be customized with toolbar visibility, menu visibility, command groups availability and shortcuts.

Click on the toolbar visibility tab to customize the toolbar. Following window appears.

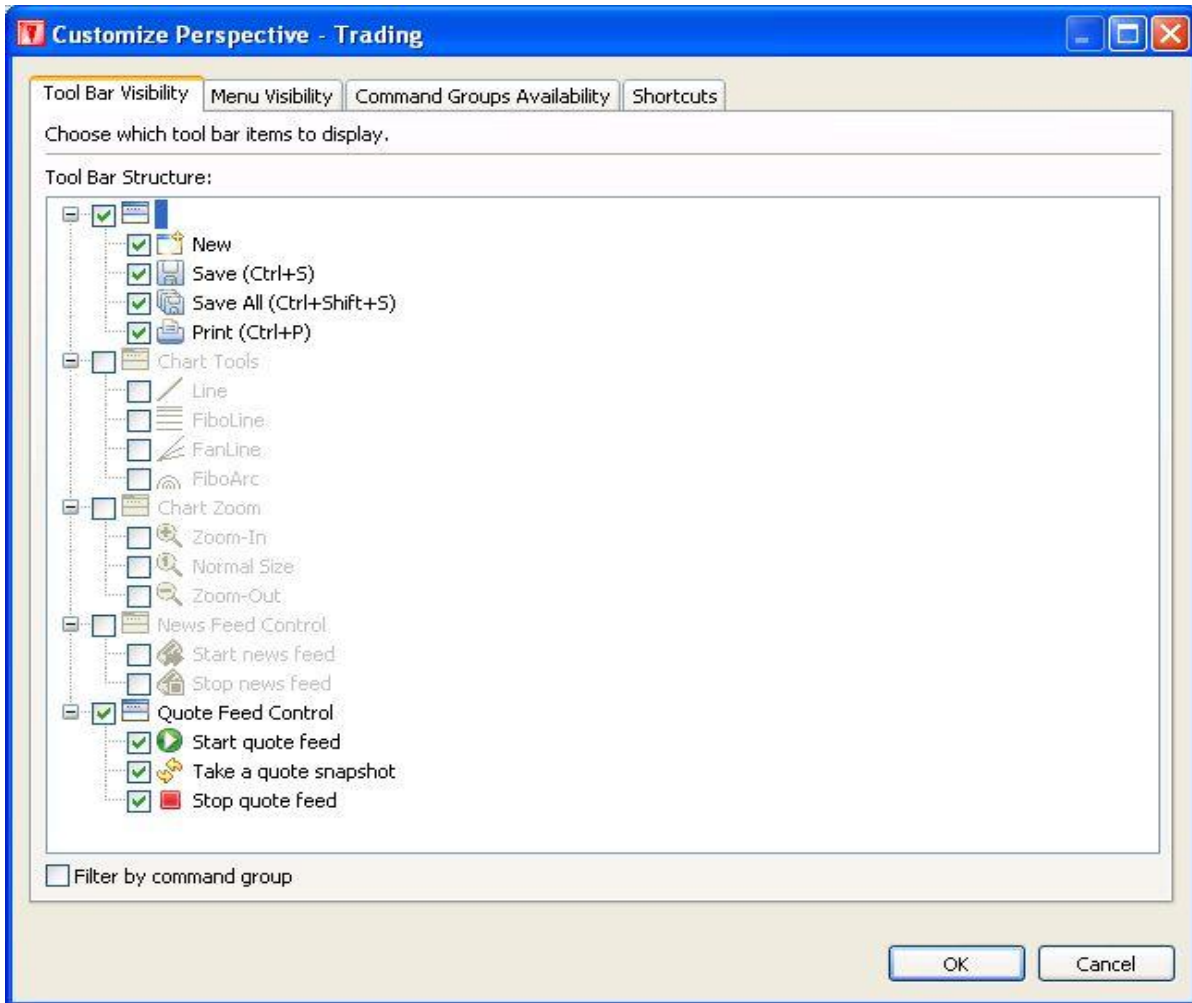


Figure 32: Tool Bar Visibility

Screen Explanation

Checkbox	Function
New	New appears on the toolbar
Save (Ctrl +S)	Save option appears on the toolbar
Save All(Ctrl +Shift +S)	Save All option appears on the toolbar
Print (Ctrl + P)	Print option appears in the toolbar as well as on appropriate places

Window Menu – Customize Perspective (cont.)

Checkbox	Function
Line	Line tool appears in the charts perspective
FiboLine	FiboLine tool appears in the charts perspective
FanLine	FanLine tool appears in the charts perspective
FiboArc	FiboArc tool appears in the charts perspective
Zoom In	Zooms in
Normal Size	Display normal zoom
Zoom Out	Zooms out
Start News Feed	Starts news feed
Stop News Feed	Stops news feed
Start quote feed	Starts quote feed
Take a quote snapshot	Takes a quote snapshot
Stop quote feed	Stops quote
Filter by command group	Filters by command group



Window Menu – Customize Perspective (cont.)

Click on the Menu Visibility tab to customize the Menu Bar. Following window appears.

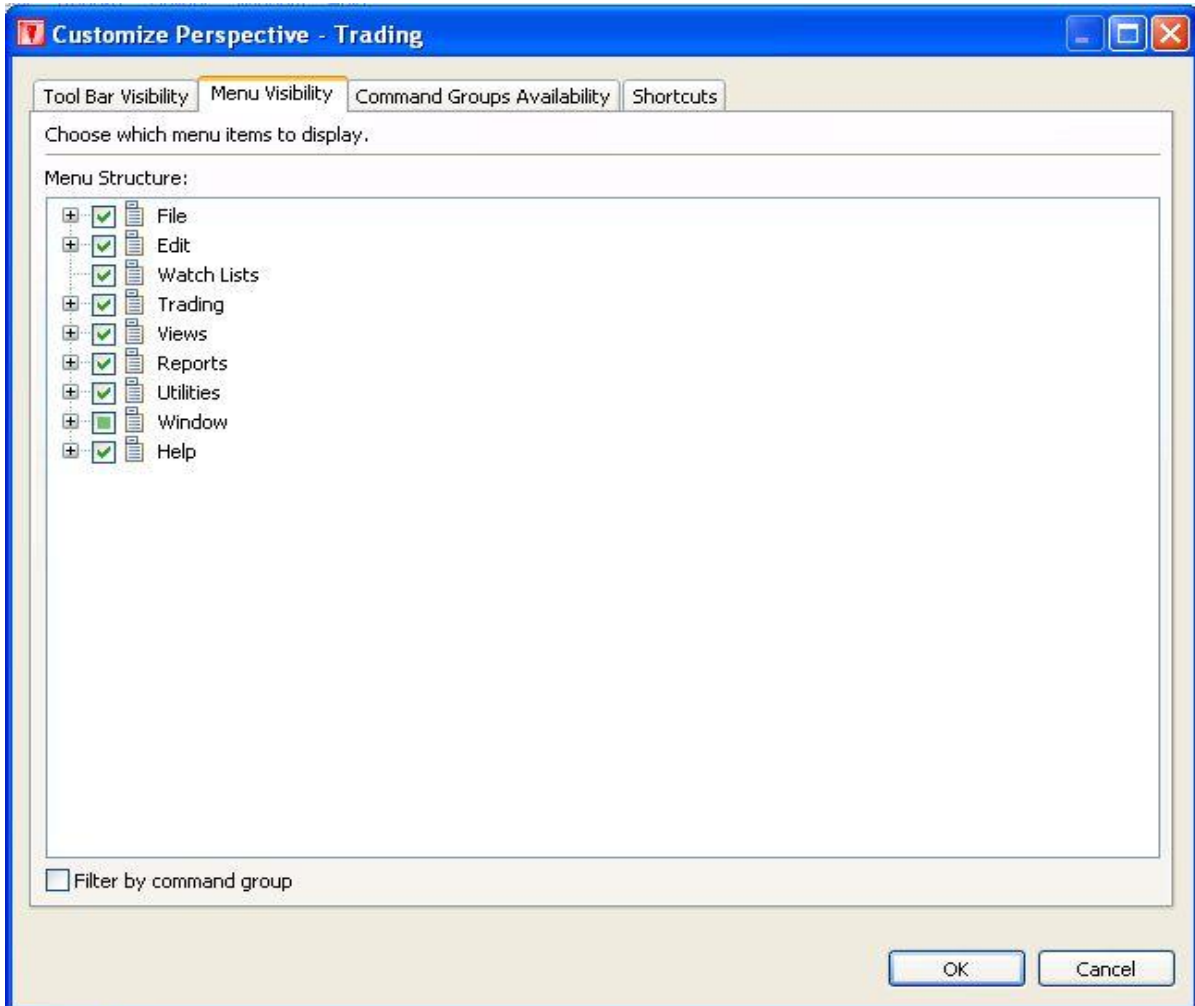


Figure 33: Menu Visibility

Window Menu – Customize Perspective (cont.)

Appropriate menu appears on the menu bar on checking appropriate menu items in the menu visibility. Different menu items are represented in this section.

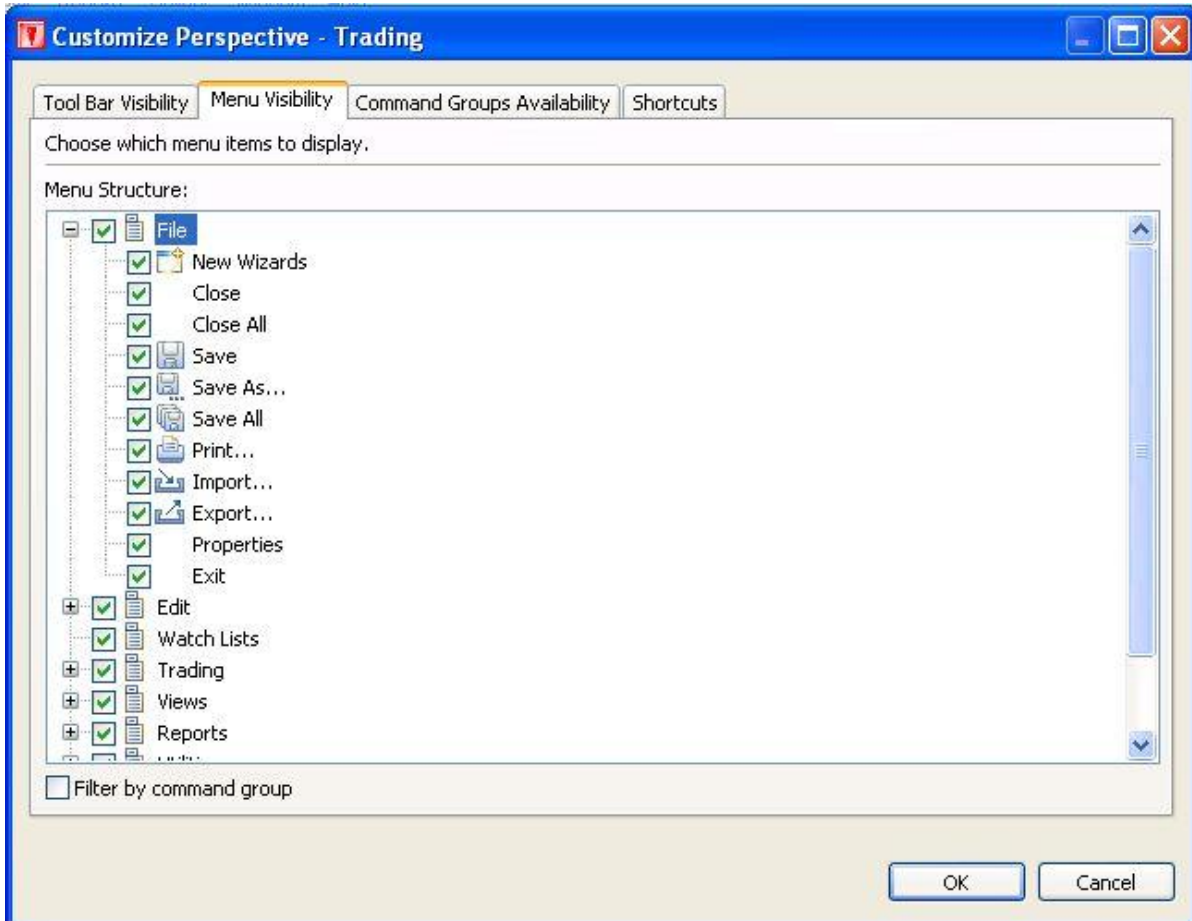


Figure 34: Menu Visibility - File Menu

Screen Explanation

Checkbox	Function
File Menu	
New Wizard	Displays New Watch List Wizard menu
Close	Displays Close menu
Close All	Displays Close All menu
Save	Displays Save menu
Save As	Displays Save As menu
Save All	Displays Save All menu
Print	Displays Print menu and appropriate print options
Import	Displays Import menu
Export	Displays Export menu
Properties	Displays properties menu
Exit	Displays Exit menu

Window Menu – Customize Perspective (cont.)

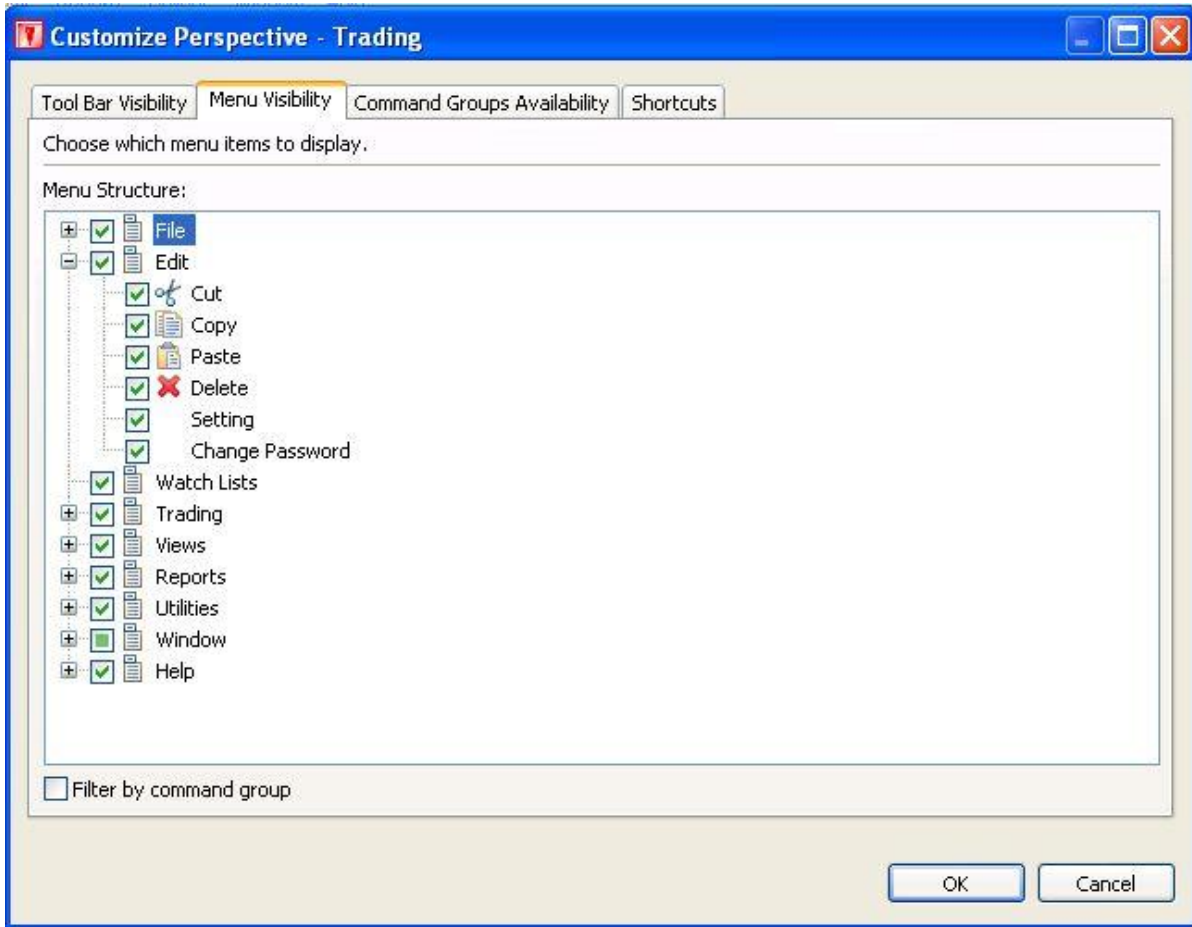


Figure 35: Menu Visibility - Edit Menu

Screen Explanation

Checkbox	Function
Edit Menu	
Cut	Displays Cut menu
Copy	Displays Copy menu
Paste	Displays Paste menu
Delete	Displays Delete menu
Setting	Displays Setting menu
Change Password	Displays Change Password menu

Window Menu – Customize Perspective (cont.)

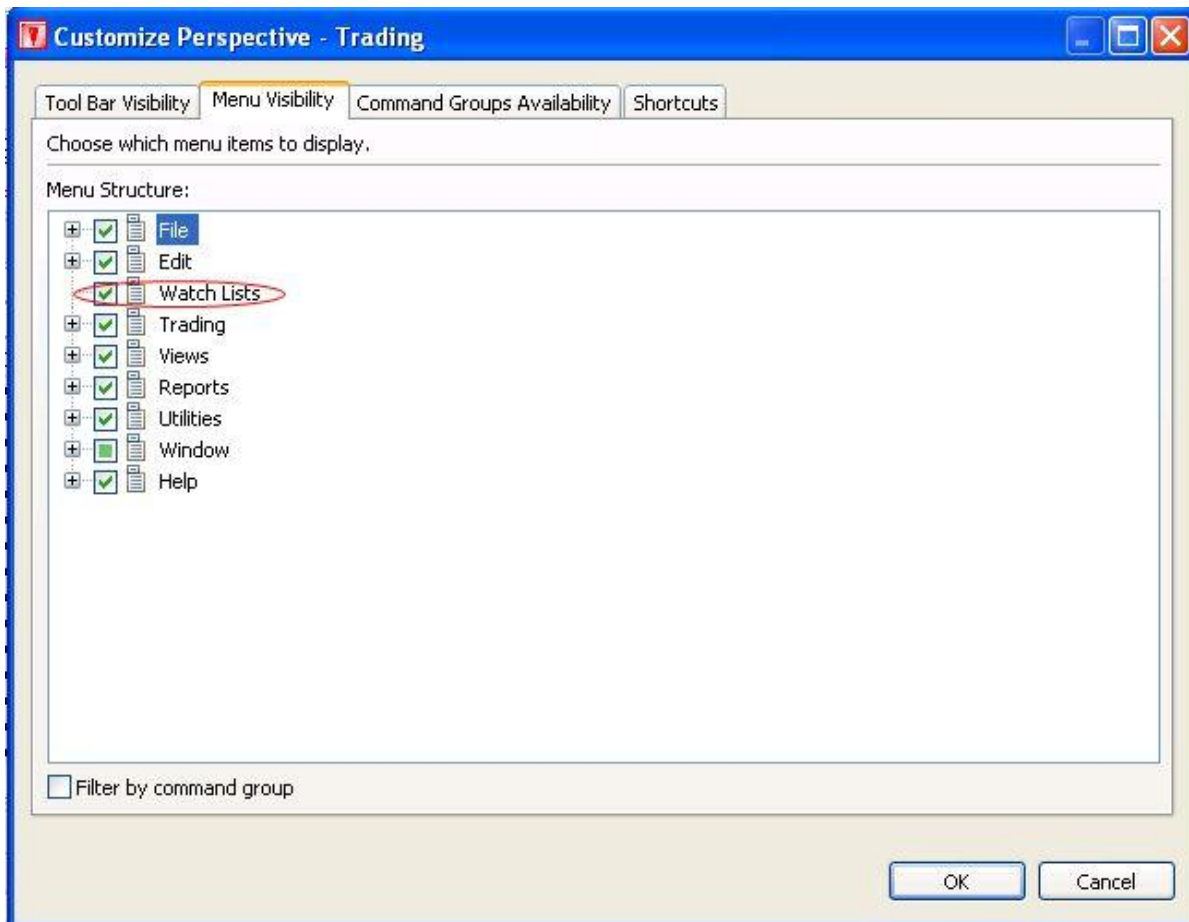


Figure 36: Menu Visibility – Watch Lists

Screen Explanation

Checkbox	Function
Watch Lists	Displays Watch Lists menu

Window Menu – Customize Perspective (cont.)

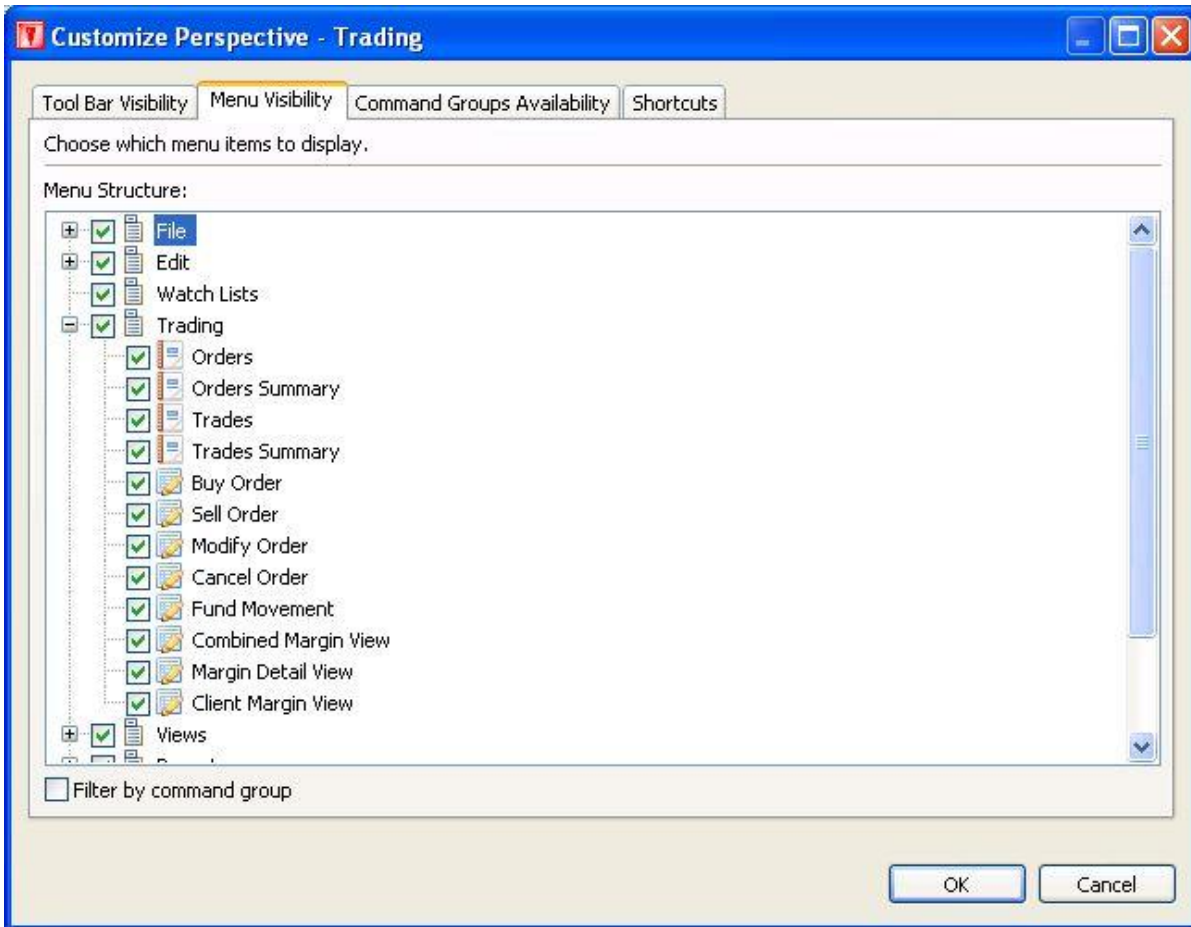


Figure 37: Menu Visibility – Trading Menu

Screen Explanation

Checkbox	Function
Trading Menu	
Orders	Displays Orders menu
Orders Summary	Displays Orders Summary menu
Trades	Displays Trades menu
Trades Summary	Displays Trades Summary menu
Buy Order	Displays Buy Order menu
Sell Order	Displays Sell Order menu
Modify Order	Displays Modify Order menu
Cancel Order	Displays Cancel menu
Fund Movement	Displays Fund Movement menu
Combined Margin View	Displays Combined Margin View menu
Margin Detail View	Displays Margin Detail View menu
Client Margin View	Displays Client Margin View menu

Window Menu – Customize Perspective (cont.)

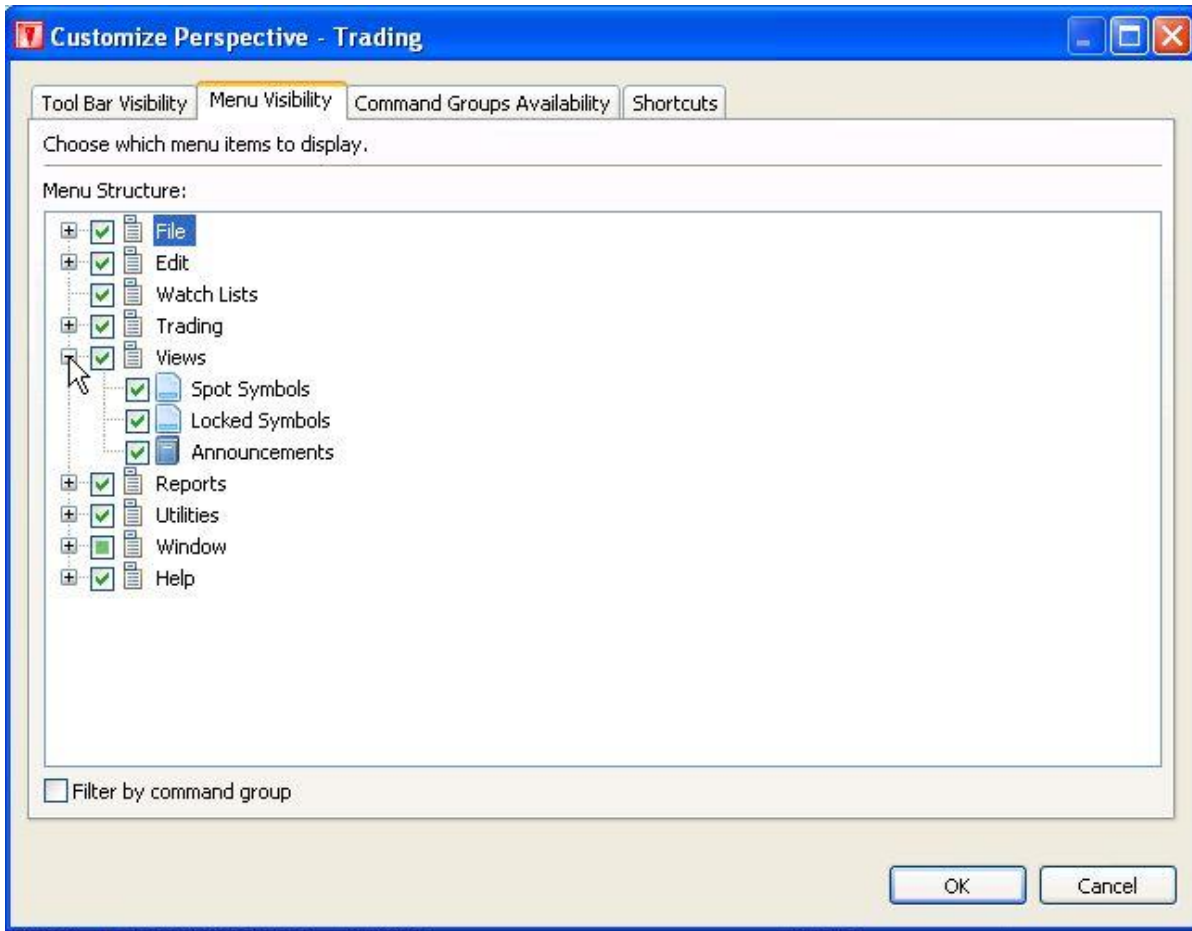


Figure 38: Menu Visibility – View Menu

Screen Explanation

Checkbox	Function
Views Menu	
Spot Symbols	Displays Spot Symbols menu
Locked Symbols	Displays Locked Symbols menu
Announcements	Displays Announcements menu

Window Menu – Customize Perspective (cont.)

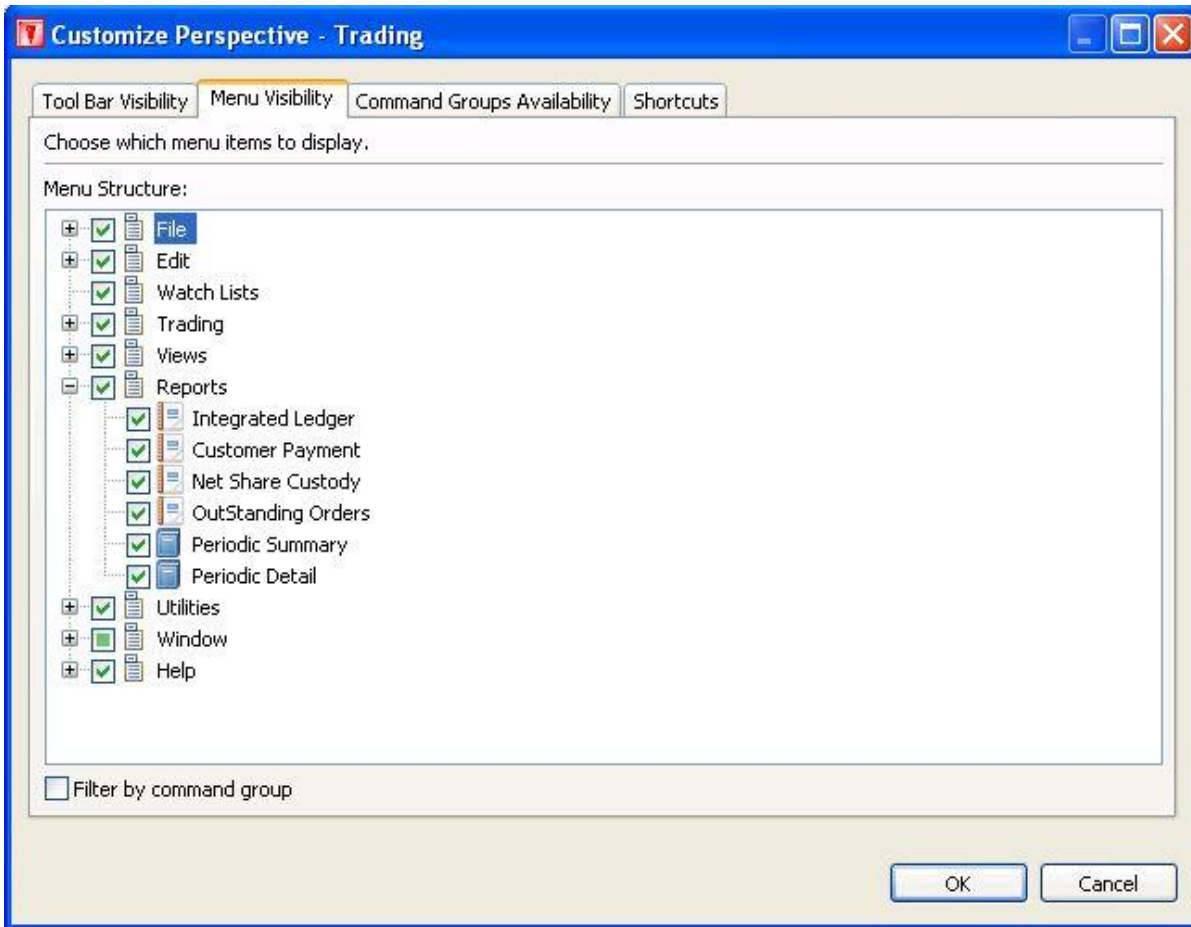


Figure 39: Menu Visibility – Reports Menu

Screen Explanation

Checkbox	Function
Reports Menu	
Integrated Ledger	Displays Integrated Ledger report
Customer Payment	Displays Customer Payment report
Net Share Custody	Displays Net Share Custody report
Outstanding Orders	Displays Outstanding Orders report
Periodic Summary	Displays Periodic Summary report
Periodic Detail	Displays Periodic Detail report

Window Menu – Customize Perspective (cont.)

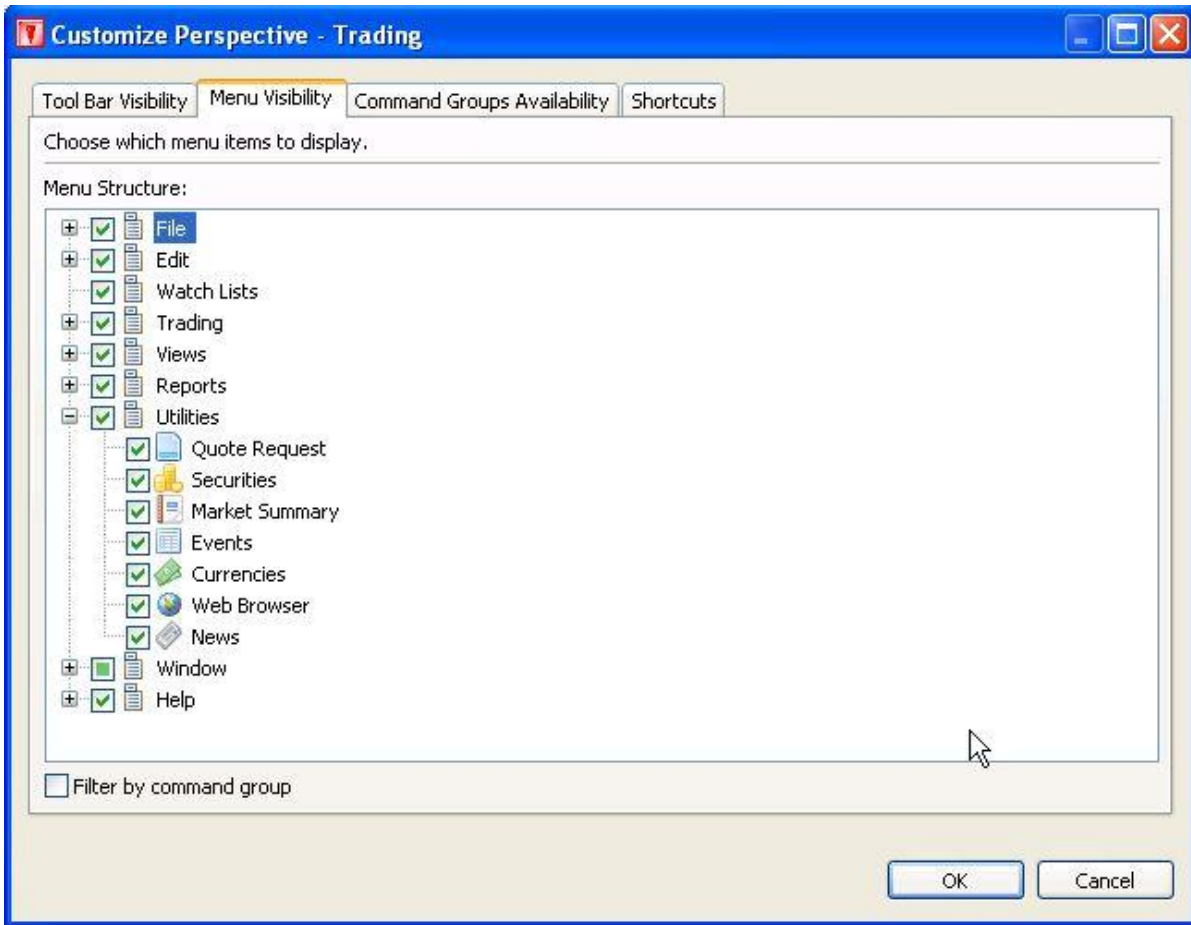


Figure 40: Menu Visibility – Utilities Menu

Screen Explanation

Checkbox	Function
Utilities Menu	
Quote Request	Displays Quote Request on menu as well as on right clicking the security
Securities	Displays Securities menu
Market Summary	Displays Market Summary menu
Events	Displays Events menu
Currencies	Displays Currencies menu
Web Browser	Displays Web Browser menu
News	Displays News menu

Window Menu – Customize Perspective (cont.)

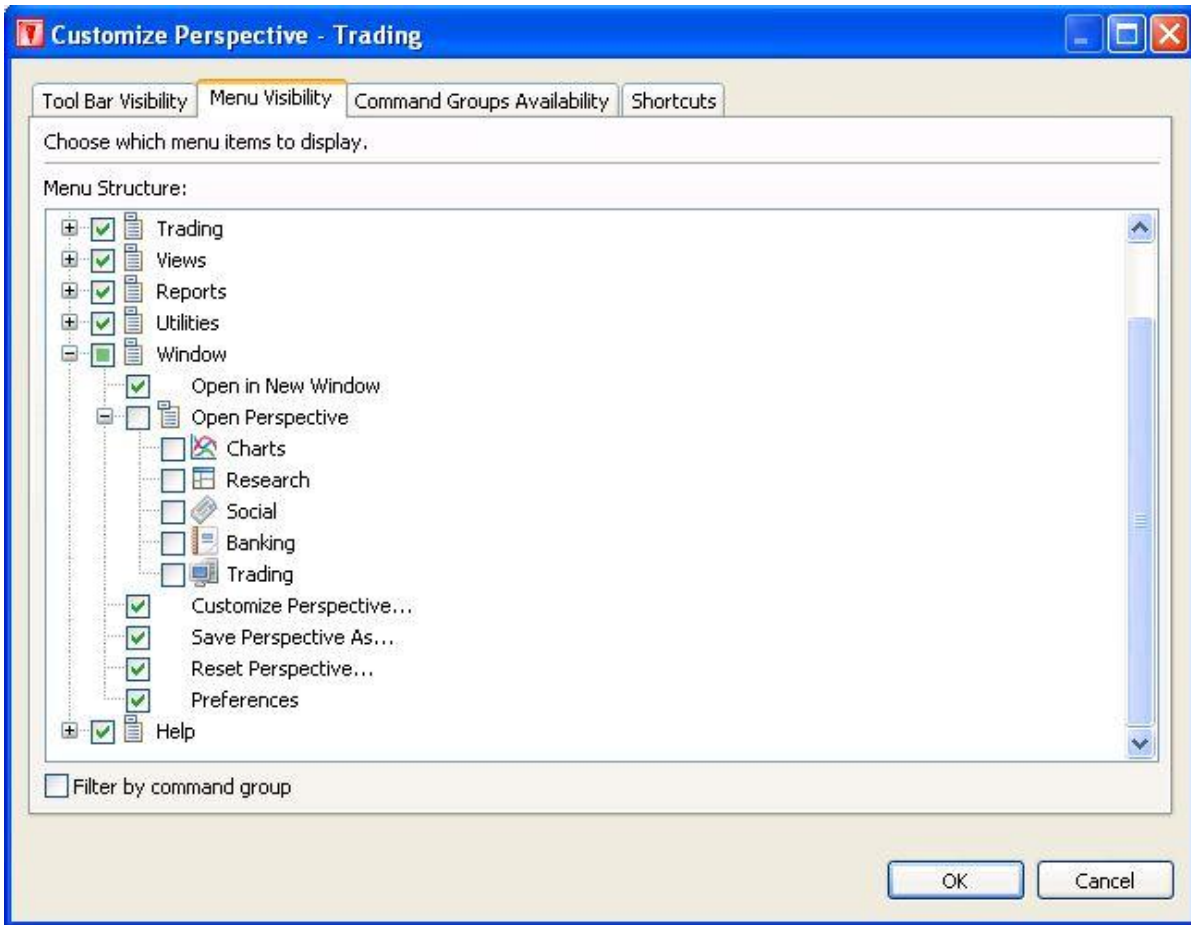


Figure 41: Menu Visibility – Window Menu

Screen Explanation

Checkbox	Function
Window Menu	
Open New Window	Displays Open New Window menu
Open Perspective	Displays Open Perspective menu with open option as Chart, Research, Social, Banking and Trading.
Customize Perspective	Displays Customize Perspective menu
Save Perspective As	Displays Save Perspective As menu
Reset Perspective	Displays Reset Perspective menu
Preferences	Displays Preferences menu

Window Menu – Customize Perspective (cont.)

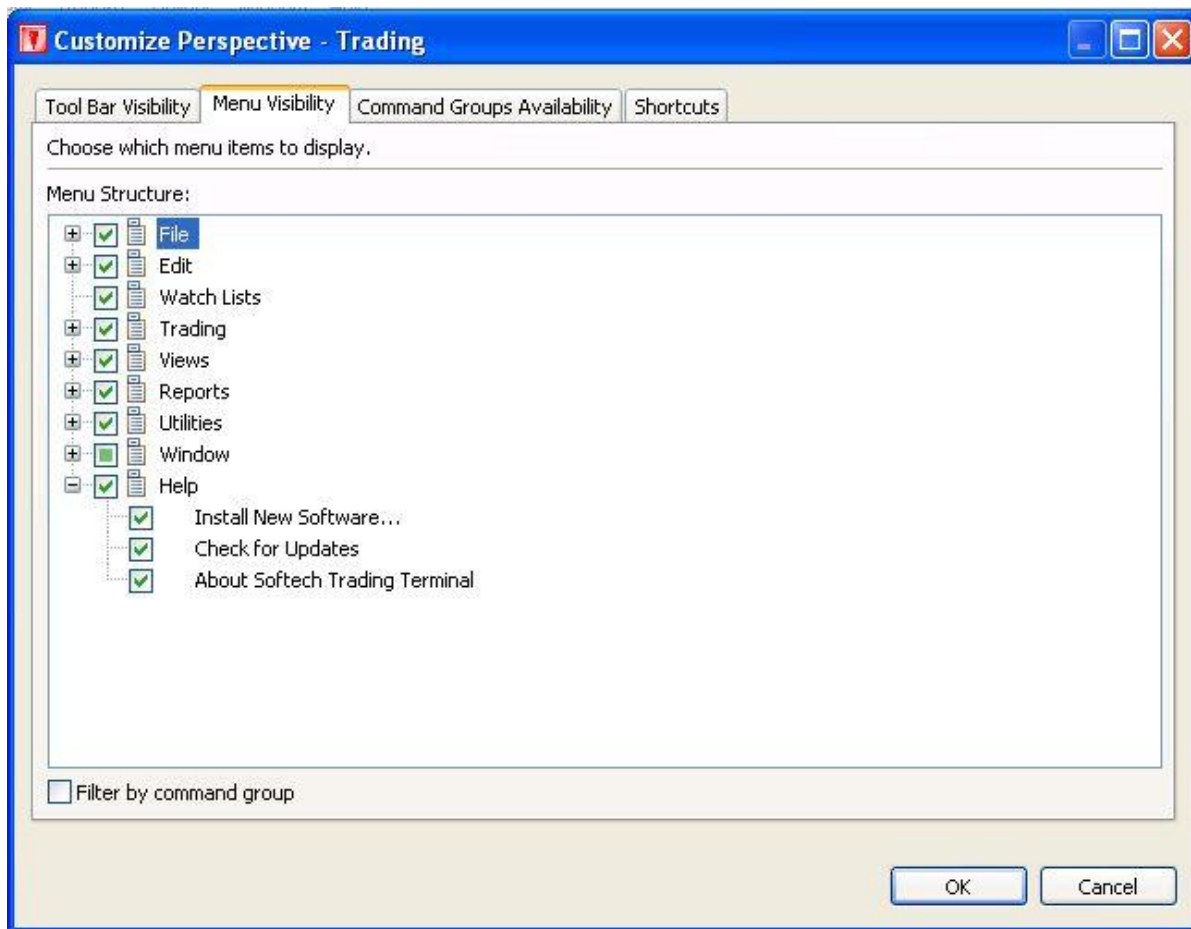


Figure 42: Menu Visibility – Help Menu

Screen Explanation

Checkbox	Function
Help Menu	
Install New Software	Displays Install New Software menu
Check for Updates	Displays Check for updates menu
About BMA Trading Terminal	Displays About BMA Trading Terminal menu

1.7.4 Window Menu – Save Perspective As

Navigation:

Window – Save Perspective As

Saves the perspective as the name specified.

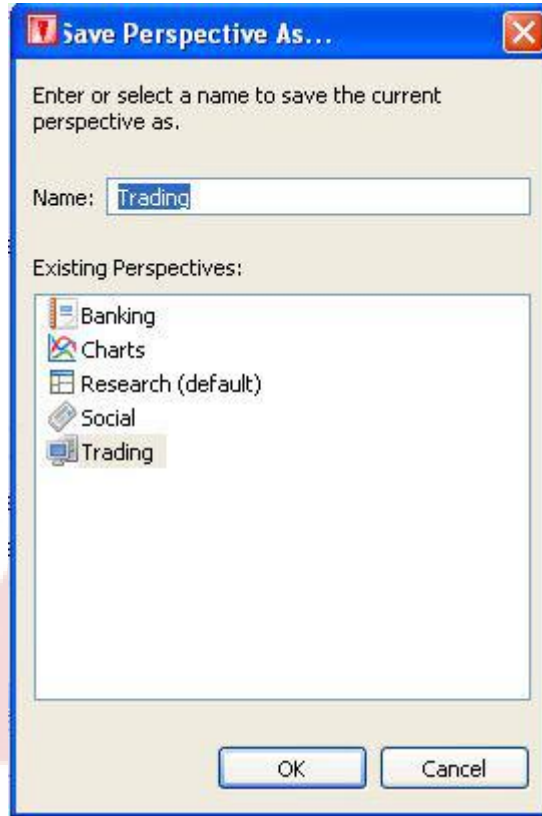


Figure 43: Save Perspective As

Screen Explanation

Field	Function
Name	Name of the file to be saved.

1.7.5 Window Menu – Reset Perspective

Navigation:

Window > Reset Perspective

Resets the perspective to default

1.7.6 Window Menu – Preferences

Navigation

Window > Preferences

Tree Hierarchy:

- General
 - Currencies
 - Network
 - Perspectives
 - Startup and Shutdown
- Appearance
 - Colors and Fonts
- Charts
 - Default Values
- Logging
- News
 - RSS News
- Notification Setting
 - KSE Announcement Setting
 - Locked Symbols
 - Orders and Trades
- Plugin
 - BMA Server

BMA
TRADE

Window Menu – Preferences (cont.)

General – Currencies

Check the currencies from the checkboxes provided.

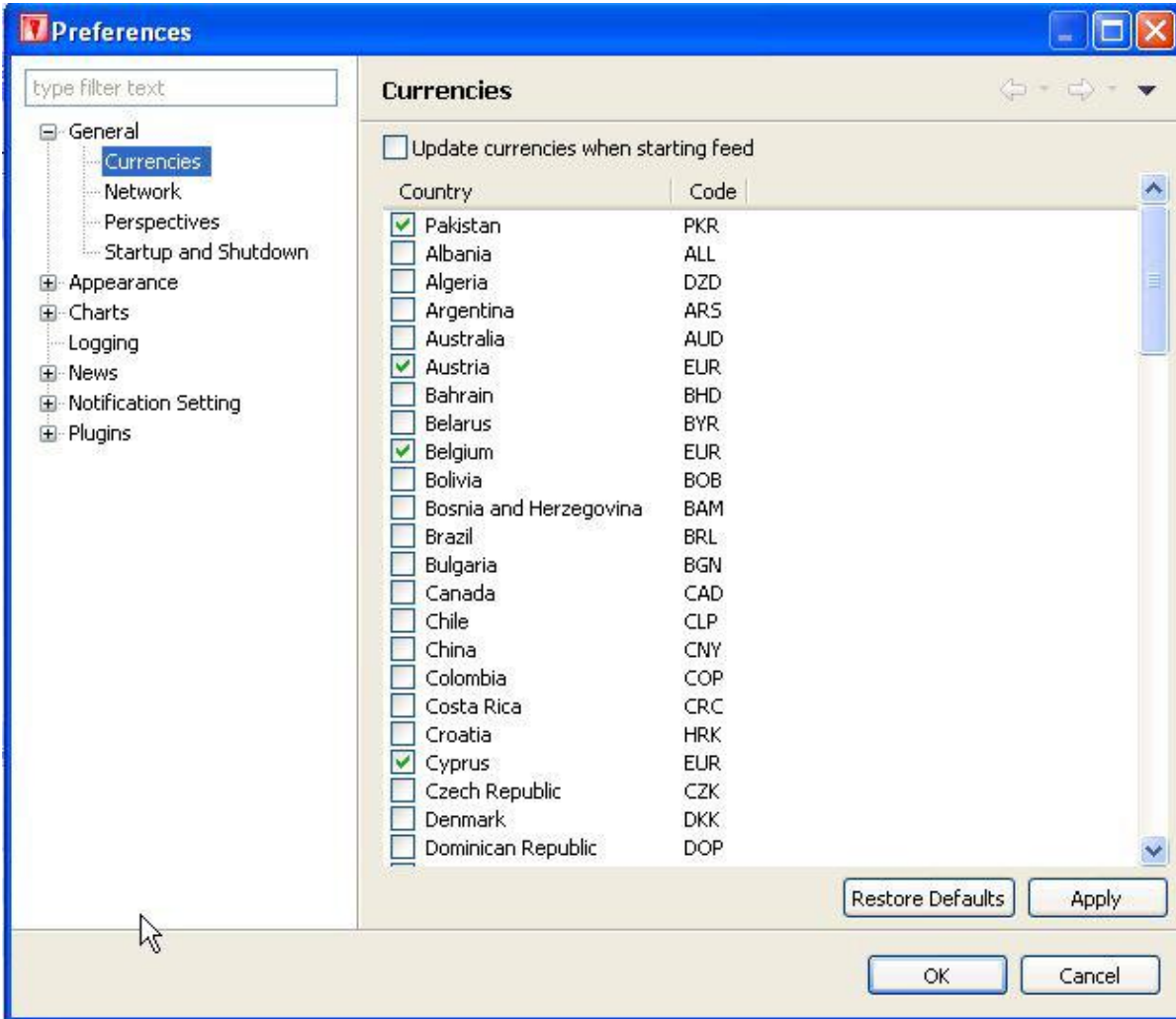


Figure 44: Preferences – General - Currencies

Screen Explanation

Checkbox	Function
Update currencies when starting feed	Check this checkbox when to update currencies when starting a feed

Window Menu – Preferences (cont.)

General - Network

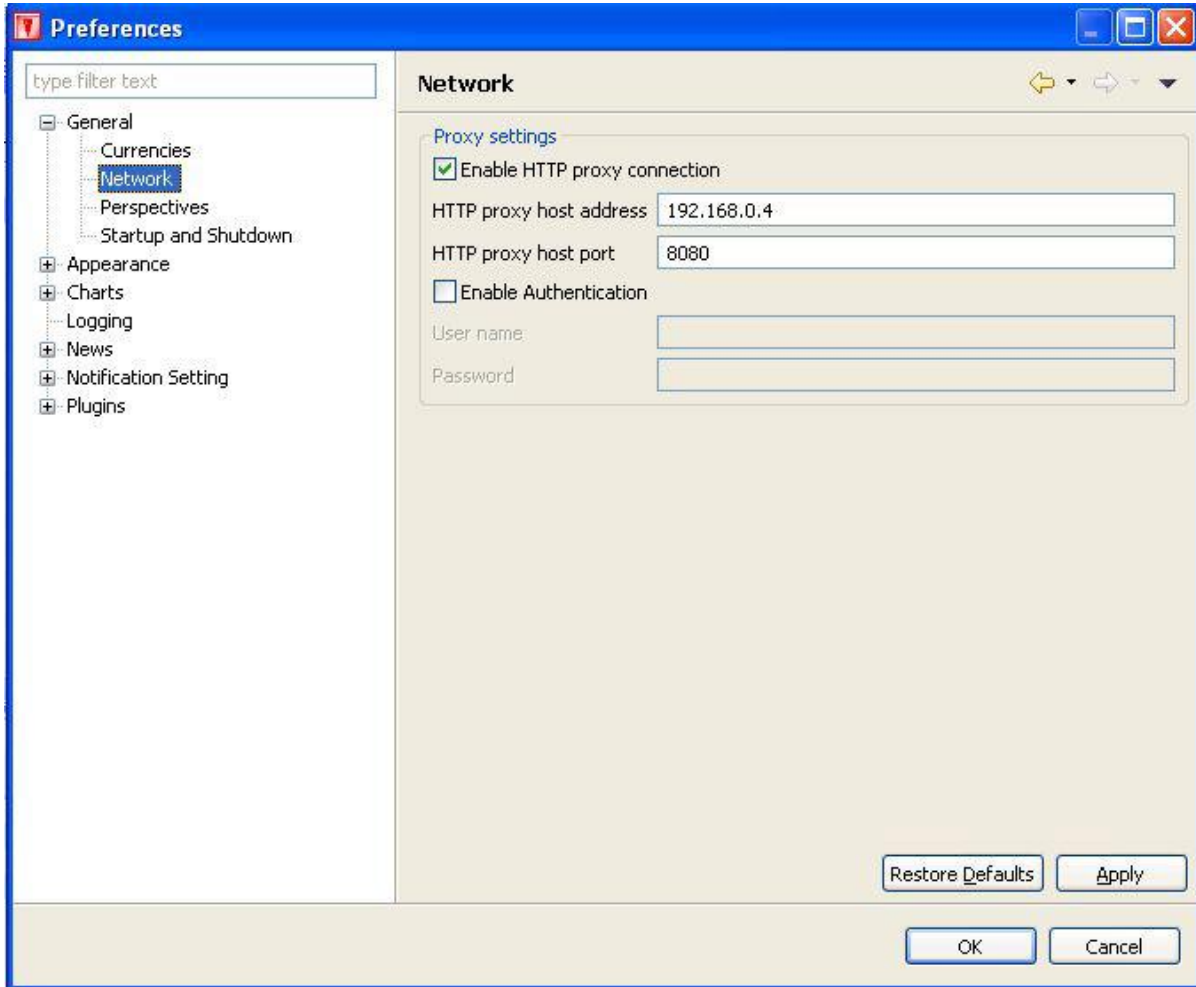


Figure 45: Preferences –General - Network

Screen Explanation

Checkbox or Field	Function
Enable HTTP Proxy connection	Check this checkbox if you are using a proxy server
HTTP proxy host address	Give IP address or hostname of the proxy server
HTTP proxy host port	Give port used for the proxy server
Enable Authentication	Check if your proxy server is using authentication
User name	Give proxy user name
Password	Give proxy user password

Window Menu – Preferences (cont.)

General – Perspectives

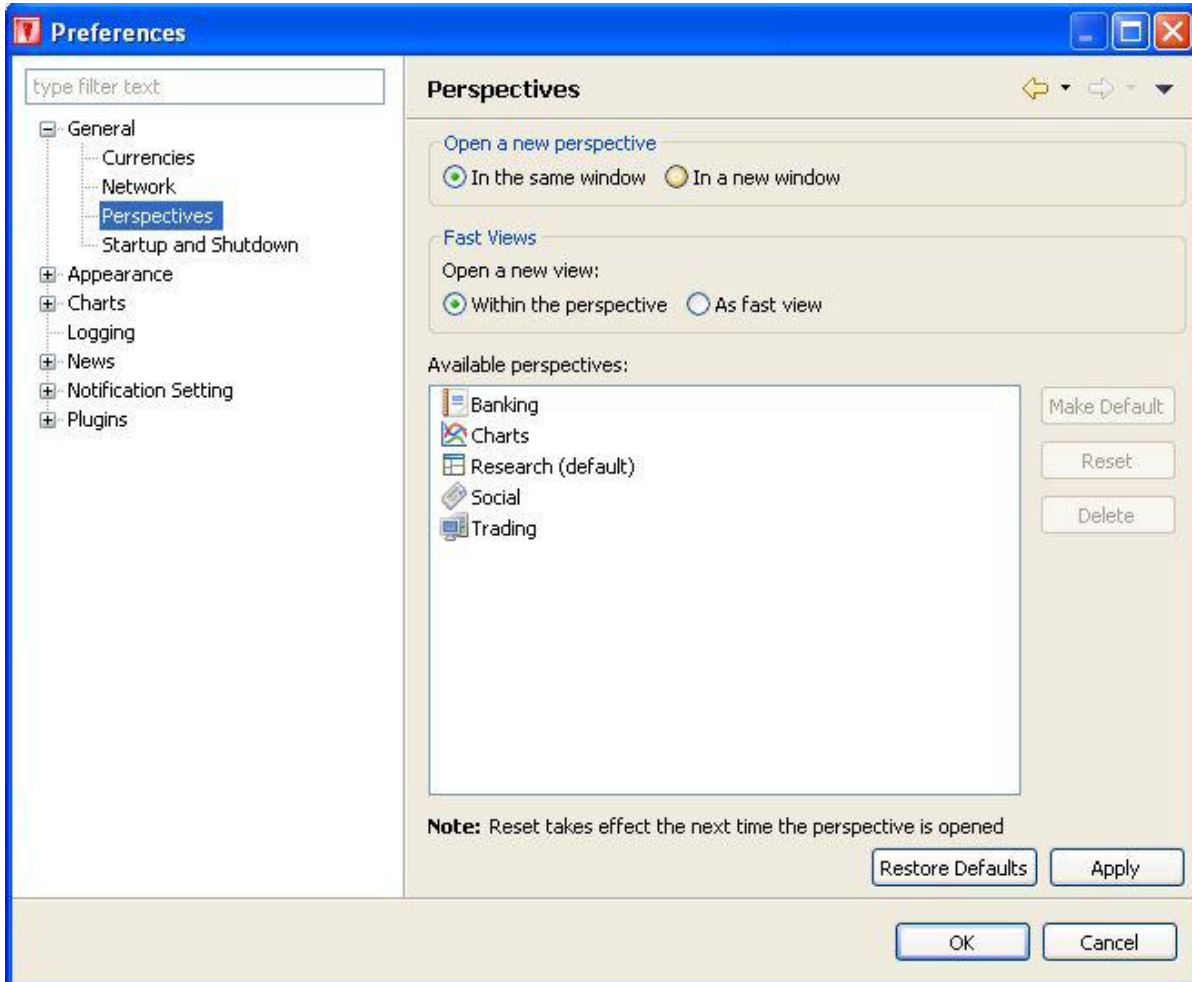


Figure 46: Preferences – General - Perspectives

Screen Explanation

Checkbox or Field	Function
Open a new perspective - open new perspective in the same window or in a new window	To open new perspective in the same window or in a new window select appropriate radio button
Fast View – Open a new view within the perspective or as a fast view	Select appropriate radio button to open view within the perspective or as a fast view.
Available perspectives	You can select appropriate perspective to make default, reset or delete it.

Window Menu – Preferences (cont.)

General – Startup and Shutdown

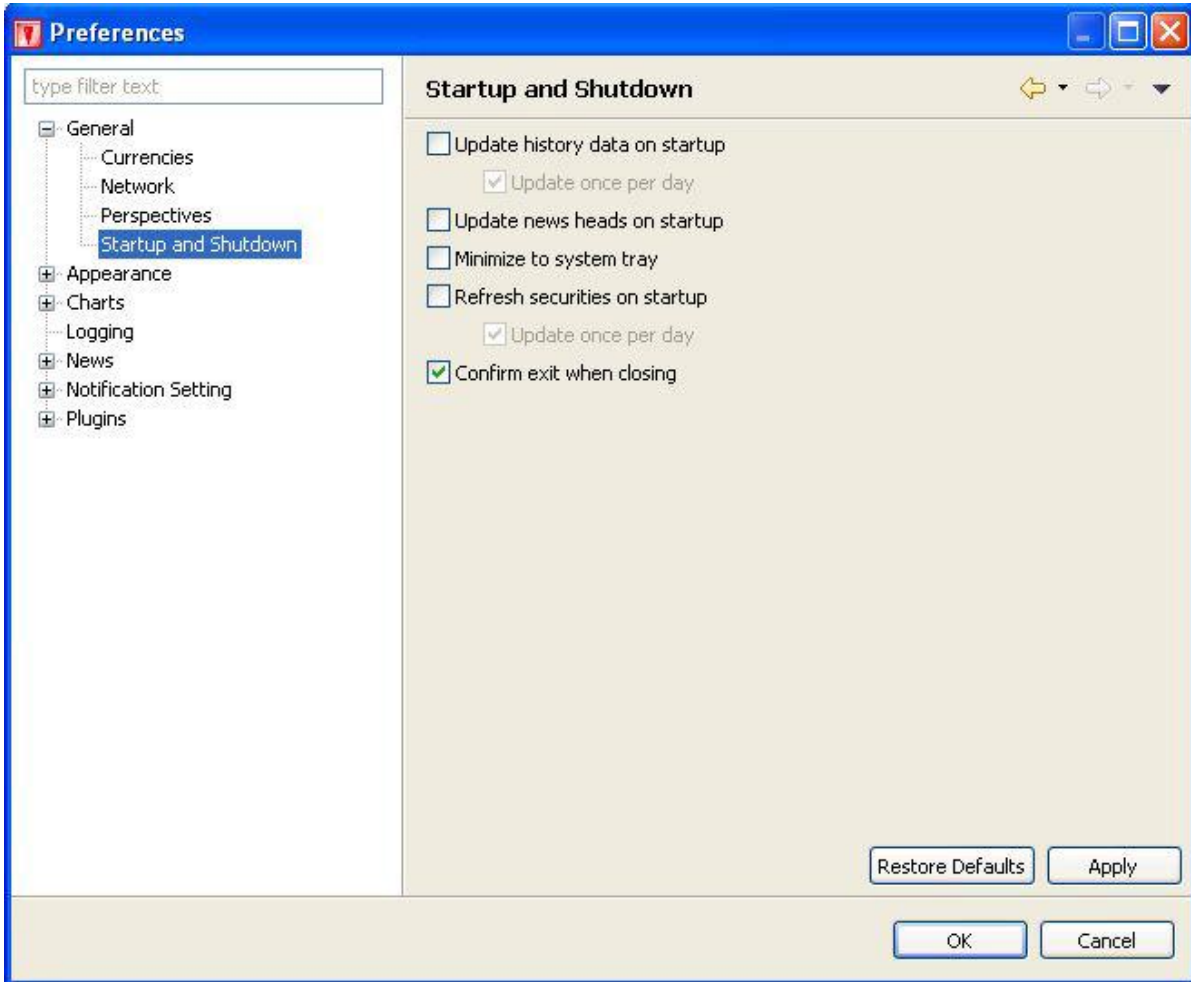


Figure 47: Preferences – General – Startup and Shutdown

Screen Explanation

Checkbox	Function
Update history data on startup	Updates history data on startup
Update new heads on startup	Updates news headlines on startup
Minimize to system tray	Enables the option to minimize to system tray
Refresh securities on startup	Refreshes securities On startup
Confirm exit when closing	Prompts for confirmation of exit when closing terminal

Window Menu – Preferences (cont.)

Appearance

To change appearance or startup, select the appropriate item from the navigation tree and press edit. For example in the figure Announcements and Recently Added Item and background is selected. Select the color and press Apply button to apply changes. Press “Use System Font” to use system font.

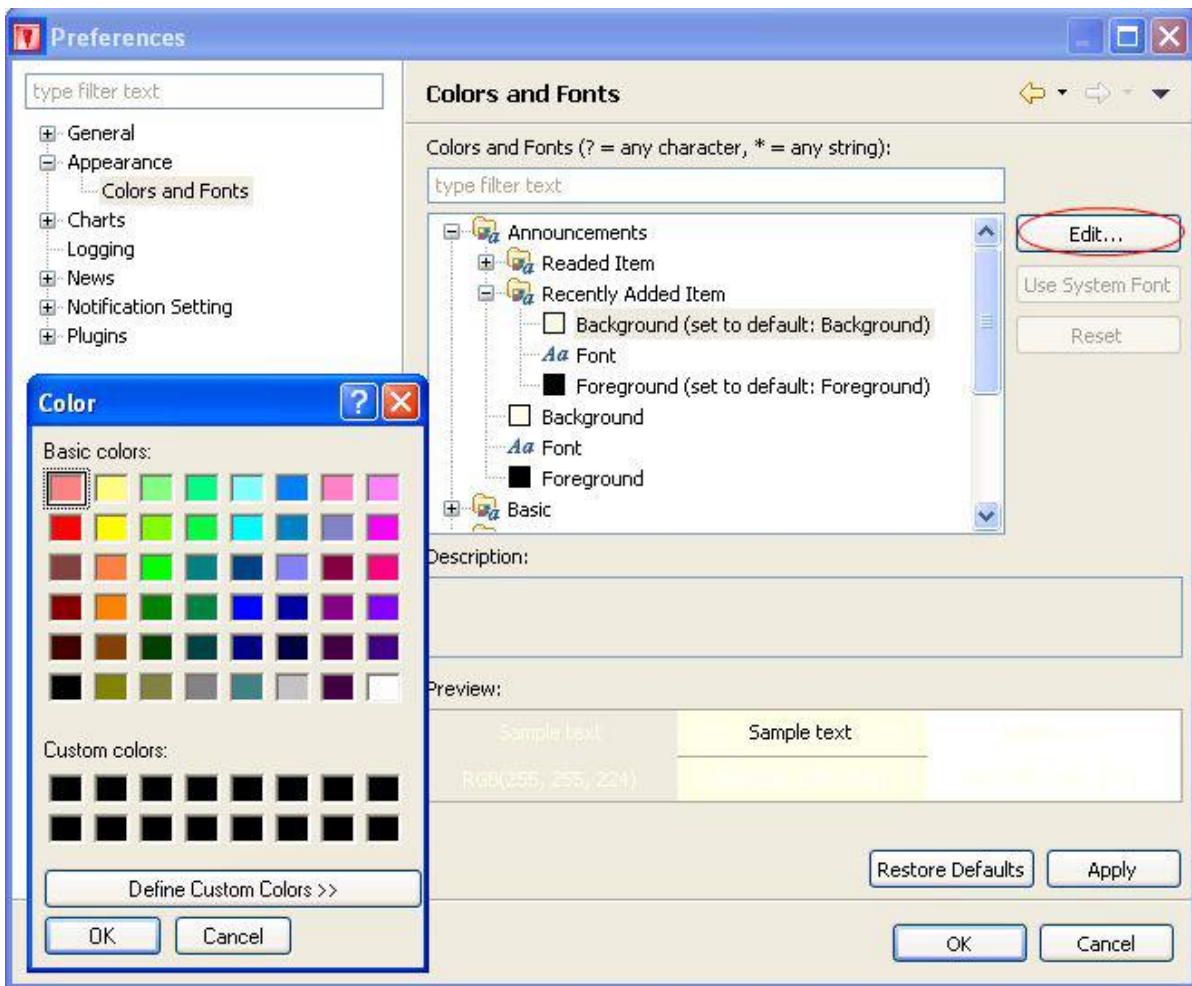


Figure 48: Preferences – Appearance – Colors and Fonts

Window Menu – Preferences (cont.)

Charts – Default Values

Specify appropriate time limit for data to be maintained.

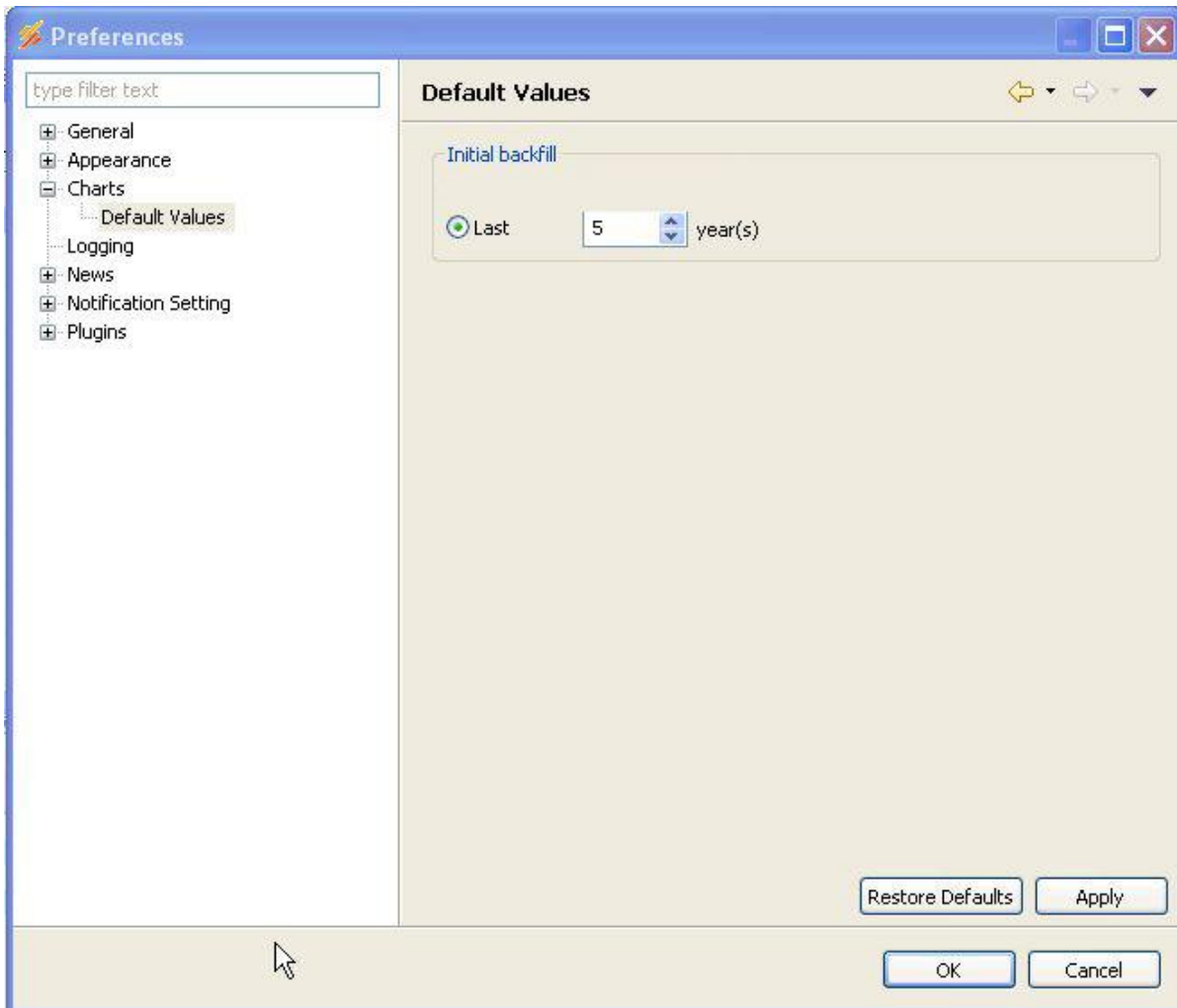


Figure 49: Preferences – Charts – Default Values

Screen Explanation

Checkbox	Function
Initial backfill	Select appropriate time for initial backfill. By default it is last 5 years.

Window Menu – Preferences (cont.)

Logging

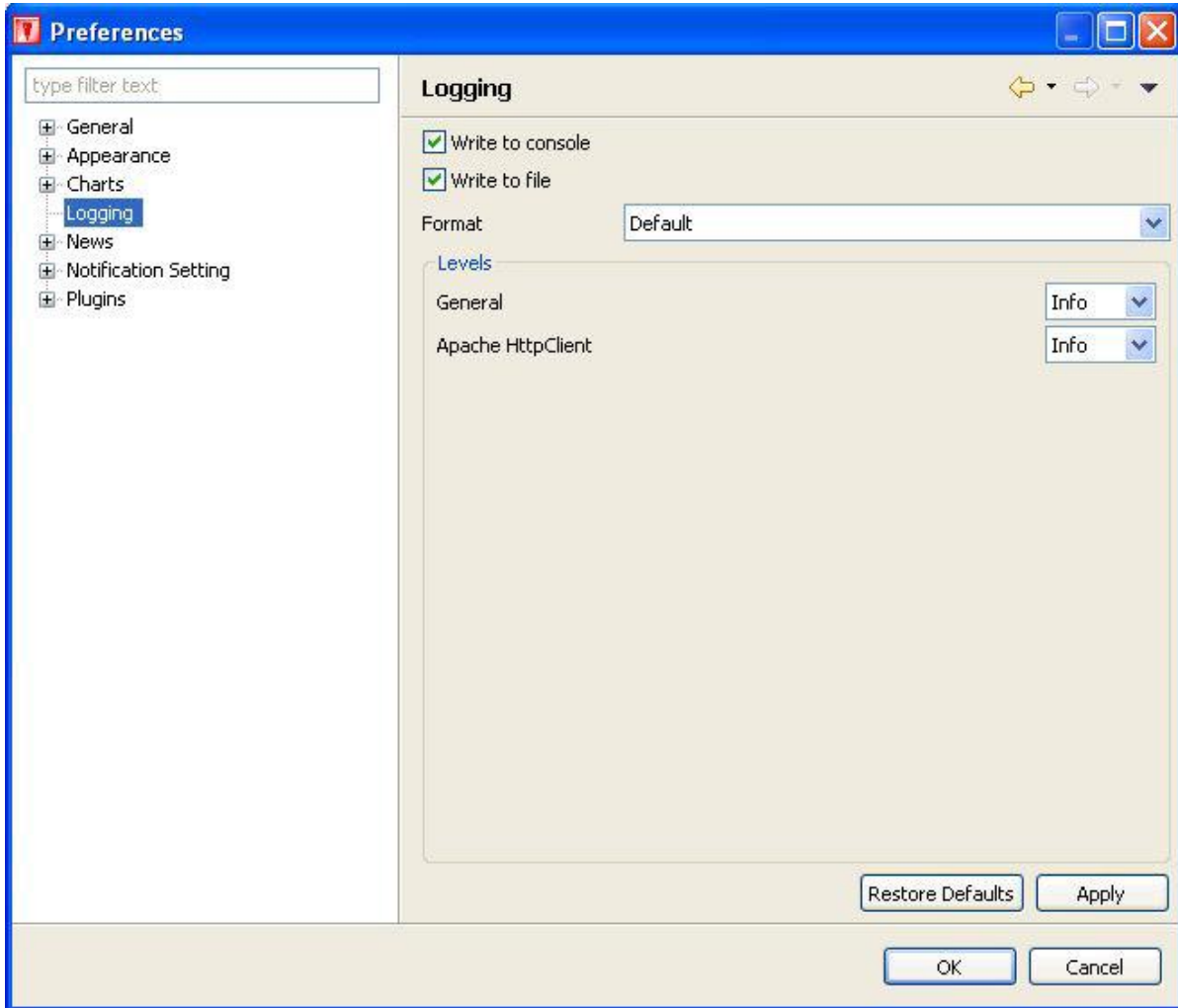


Figure 50: Preferences – Logging

Screen Explanation

Checkbox or Field	Function
Write to console	Writes the log to console
Write to file	Writes the log to default file. Format is default or extended
Levels – General	Logging levels are Off, Fatal, Error, Warn, Info, Debug and All. If All is selected all logging is enabled
Levels - Apache HttpClient	Logging levels are same as General

Window Menu – Preferences (cont.)

News

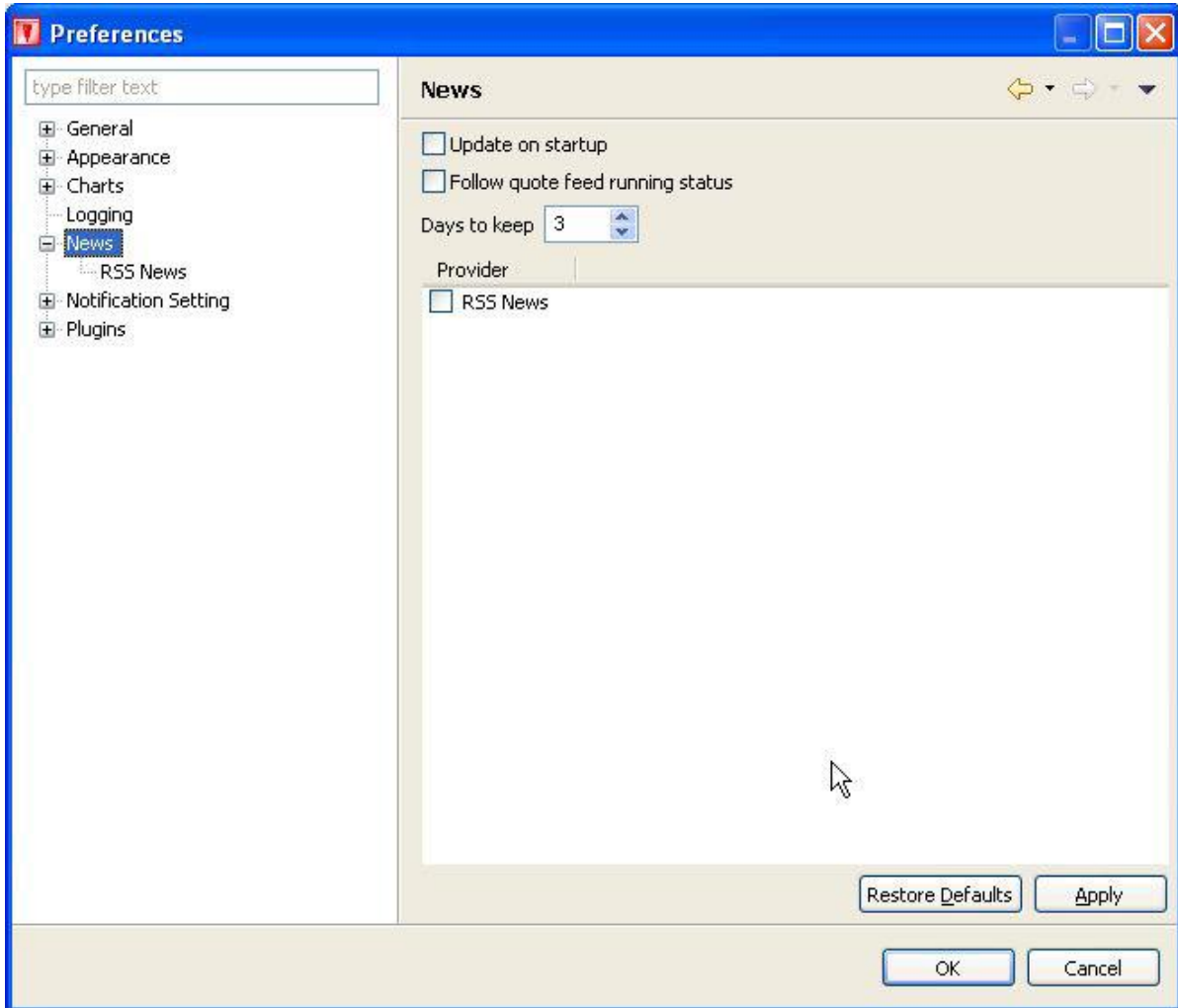


Figure 51: Preferences – News

Screen Explanation

Checkbox or Field	Function
Update on startup	Updates news feed on startup
Follow quote feed running status	Keeps numbers feeds up to the number specified
Provider	Check RSS News provider

News – RSS News

Already explained in 1.6.7 i.e. Utilities Menu – News.

Window Menu – Preferences (cont.)

Notification Setting – KSE Announcement Setting

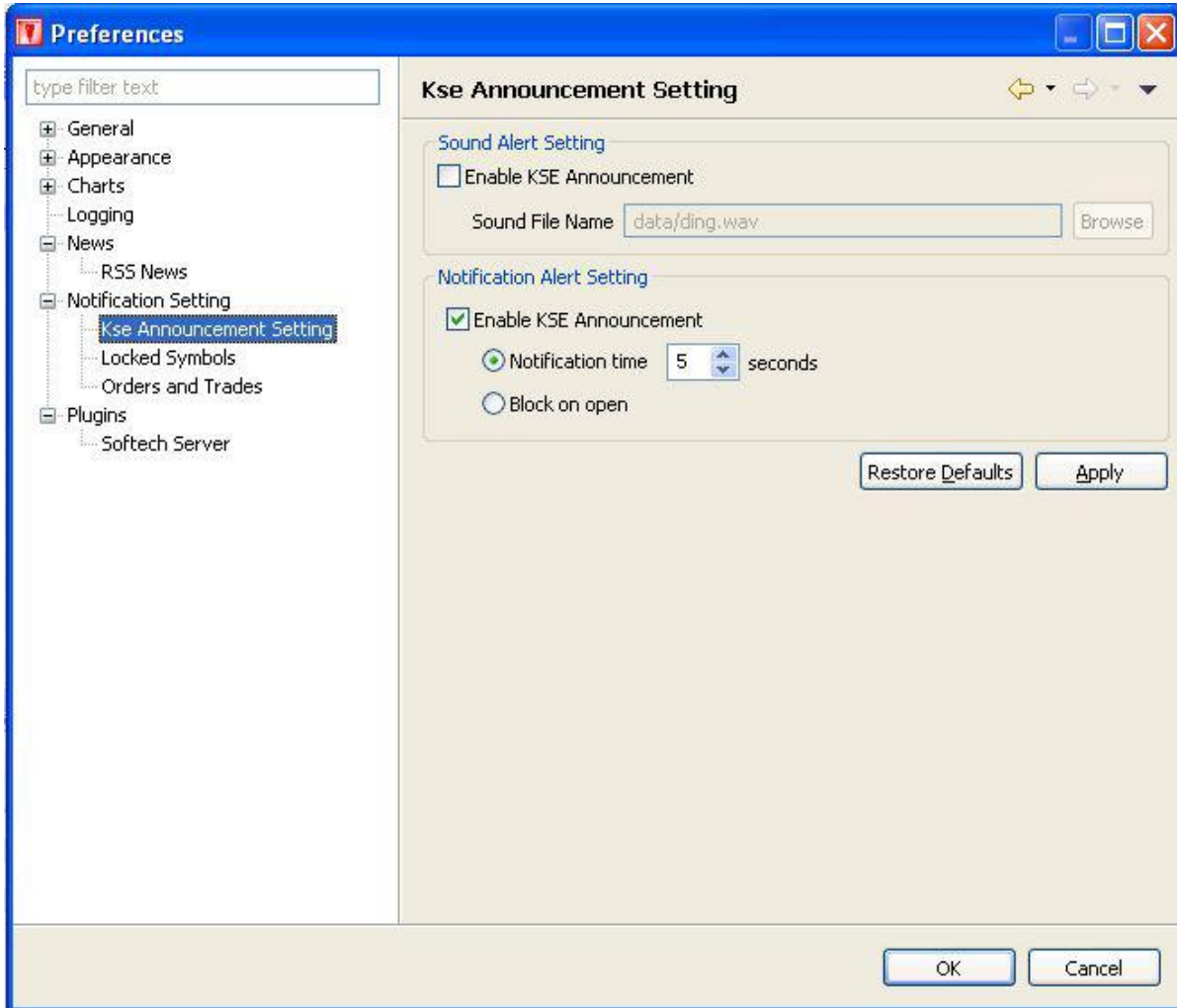


Figure 52: Preferences – Notification Setting – KSE Announcement Setting

Screen Explanation

Checkbox or Field	Function
Sound Alert Setting – Enable KSE Announcement	Plays a sound when KSE announcement is received
Sound File Name	Name of the sound file
Notification Alert Setting – Enable KSE Announcement	Enables KSE Announcement
Notification Time	KSE Announcement is updated in the number of seconds specified
Block on open	Blocks the Alert message when announcement is open

Window Menu – Preferences (cont.)

Notification Setting – Locked Symbols

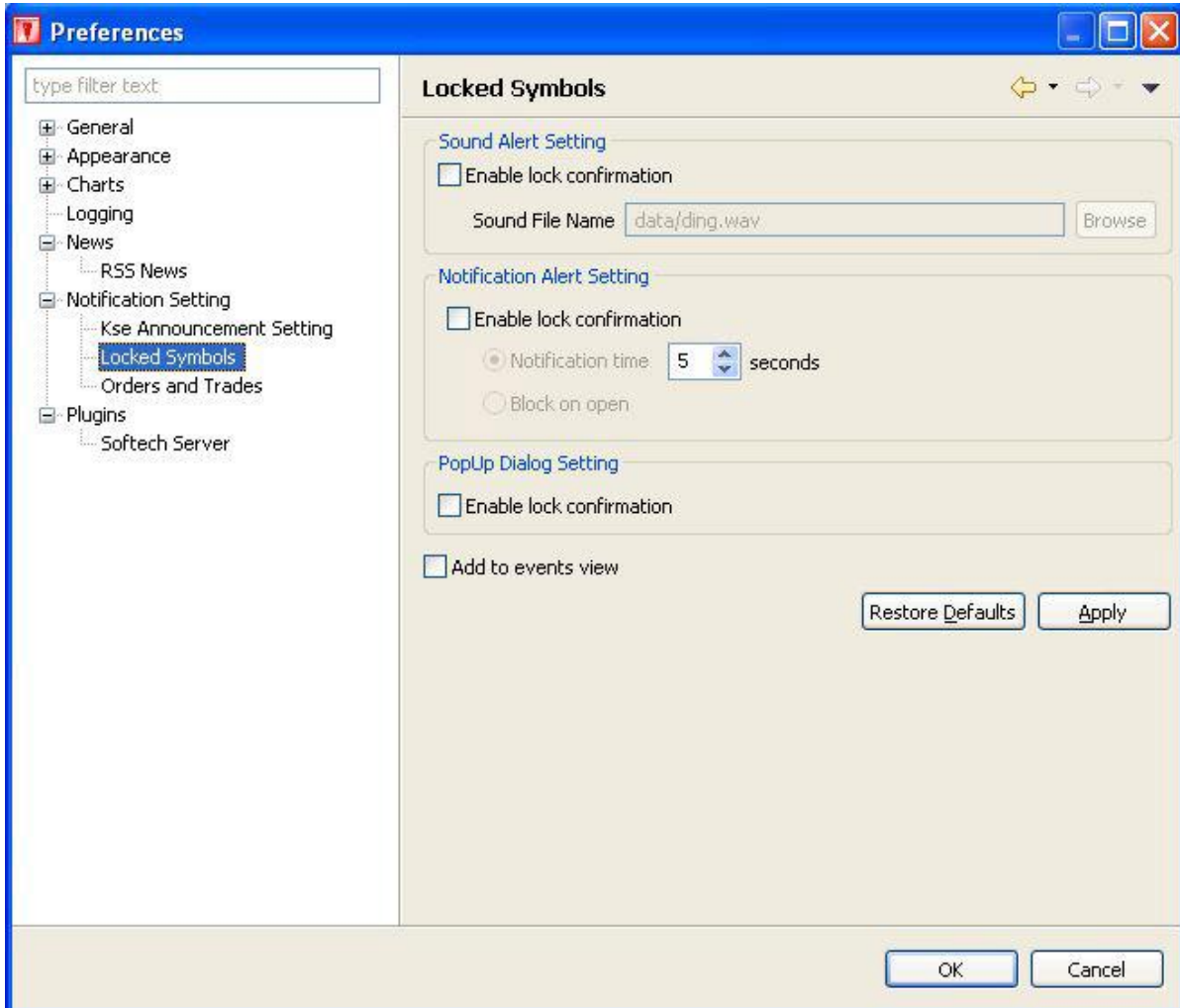


Figure 53: Preferences – Notification setting – Locked Symbols

Screen Explanation

Checkbox or Field	Function
Sound Alert Setting – Enable lock confirmation	Plays a sound when a symbol(s) is/are locked
Sound File Name	Name of the sound file
Notification Alert Setting – Enable lock confirmation	Enables confirmation of locked symbol(s)
Notification Time	Locked symbol(s) confirmation is/are updated in the number of seconds specified
Block on open	Blocks the Alert message when locked confirmation is open
Popup Dialog – Enable lock confirmation	Opens a popup dialog on locked symbol(s) confirmation
Add to events view	Adds lock confirmation message to the events view

Window Menu – Preferences (cont.)

Notification Setting - Orders and Trades

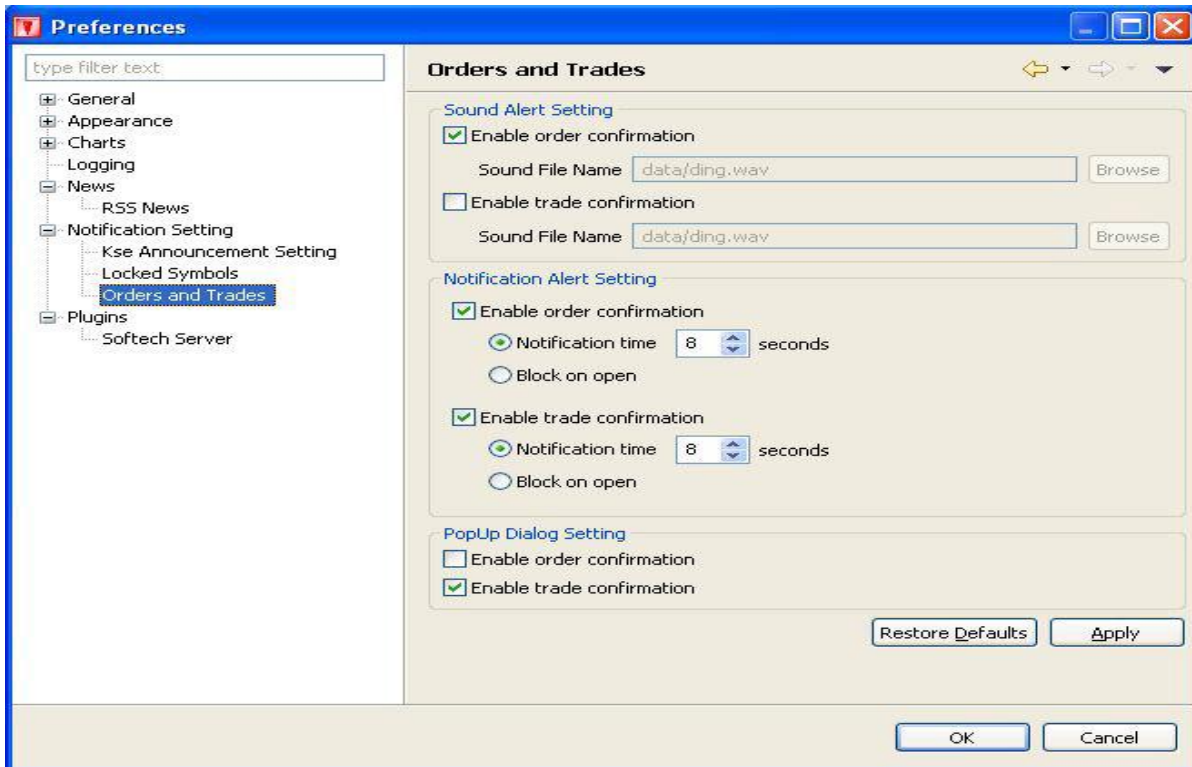


Figure 54: Preferences – Notification Setting – Orders and Trades

Screen Explanation

Checkbox or Field	Function
Sound Alert Setting – Enable order confirmation	Plays a sound when an order is placed
Sound File Name	Name of the sound file
Sound Alert Setting – Enable trade confirmation	Plays a sound when a trade is executed
Sound File Name	Name of the sound file
Notification Alert Setting – Enable order confirmation	Enables confirmation of locked symbol(s)
Notification Time	Order confirmation is updated to the client in the number of seconds specified
Block on open	Blocks the Alert message when order confirmation is open
Notification Alert Setting – Enable trade confirmation	Enables confirmation of trade
Notification Time	Trade confirmation is updated to the client in the number of seconds specified
Block on open	Blocks the Alert message when trade confirmation is open
Popup Dialog Setting – Enable order confirmation	Opens a popup dialog when an order is confirmed
Popup Dialog Setting – Enable trader confirmation	Open a popup dialog when a trade is confirmed

Window Menu – Preferences (cont.)

Plugins – BMA Server

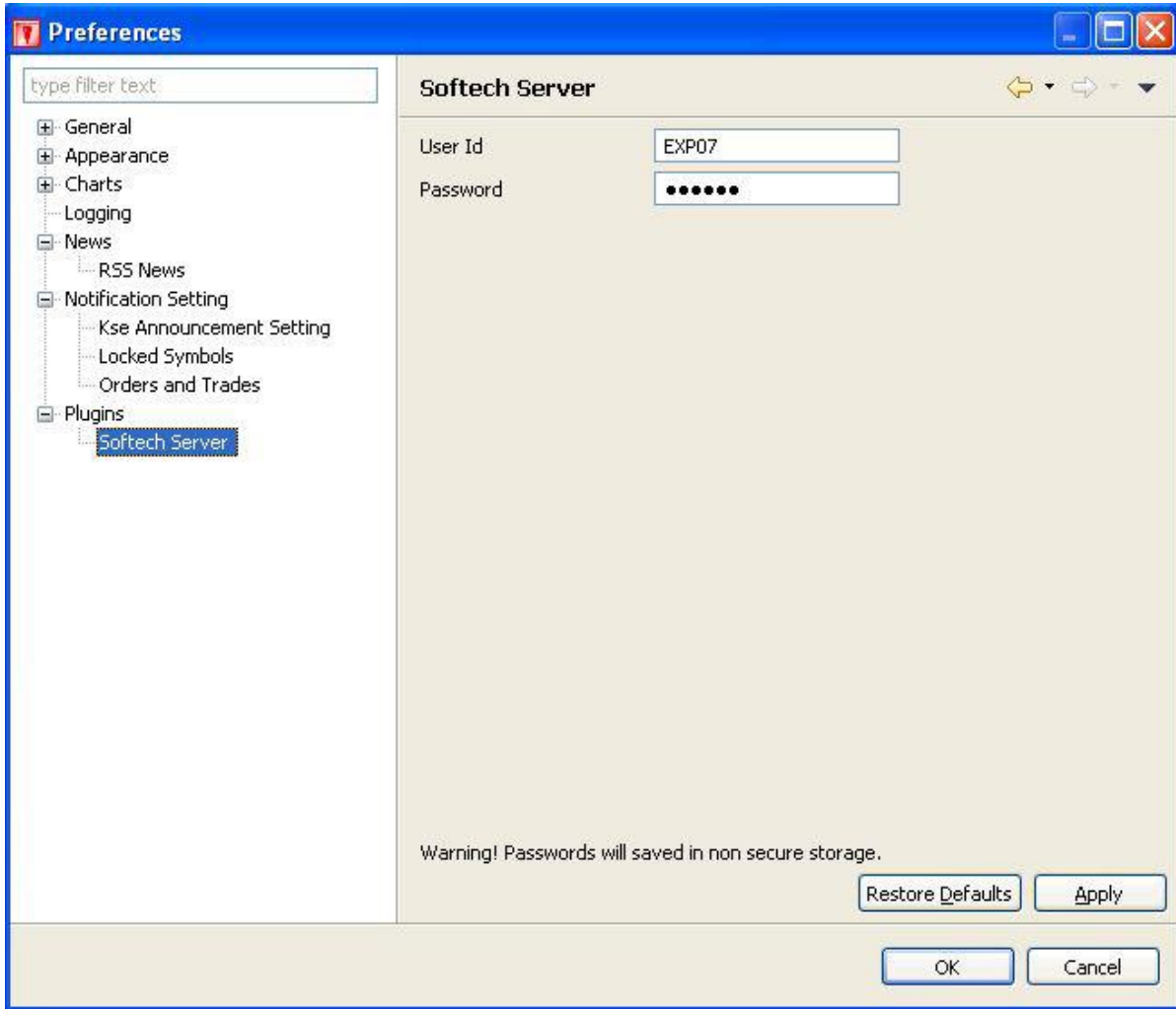


Figure 55: Preferences – BMA Server

Screen Explanation

Checkbox or Field	Function
User Id	Specify user id to be saved every time terminal is restarted
Password	Specify password to be saved every time terminal is restarted

1.8 Help Menu

1.8.1 Help Menu – Install New Software

Navigation:

Help > Install New Software

Terminal provides a feature to update existing software from the terminal website. Install New Software is one time effort and is not required if it is already configured.

In order to download software updates, you have to verify the Auto Update Server URL (<http://www.serverurl.com/updatesite/>) is configured in your software. At the place of serverurl give URL of the server where updates are available.

Click on work “Work with the list of software sites”.

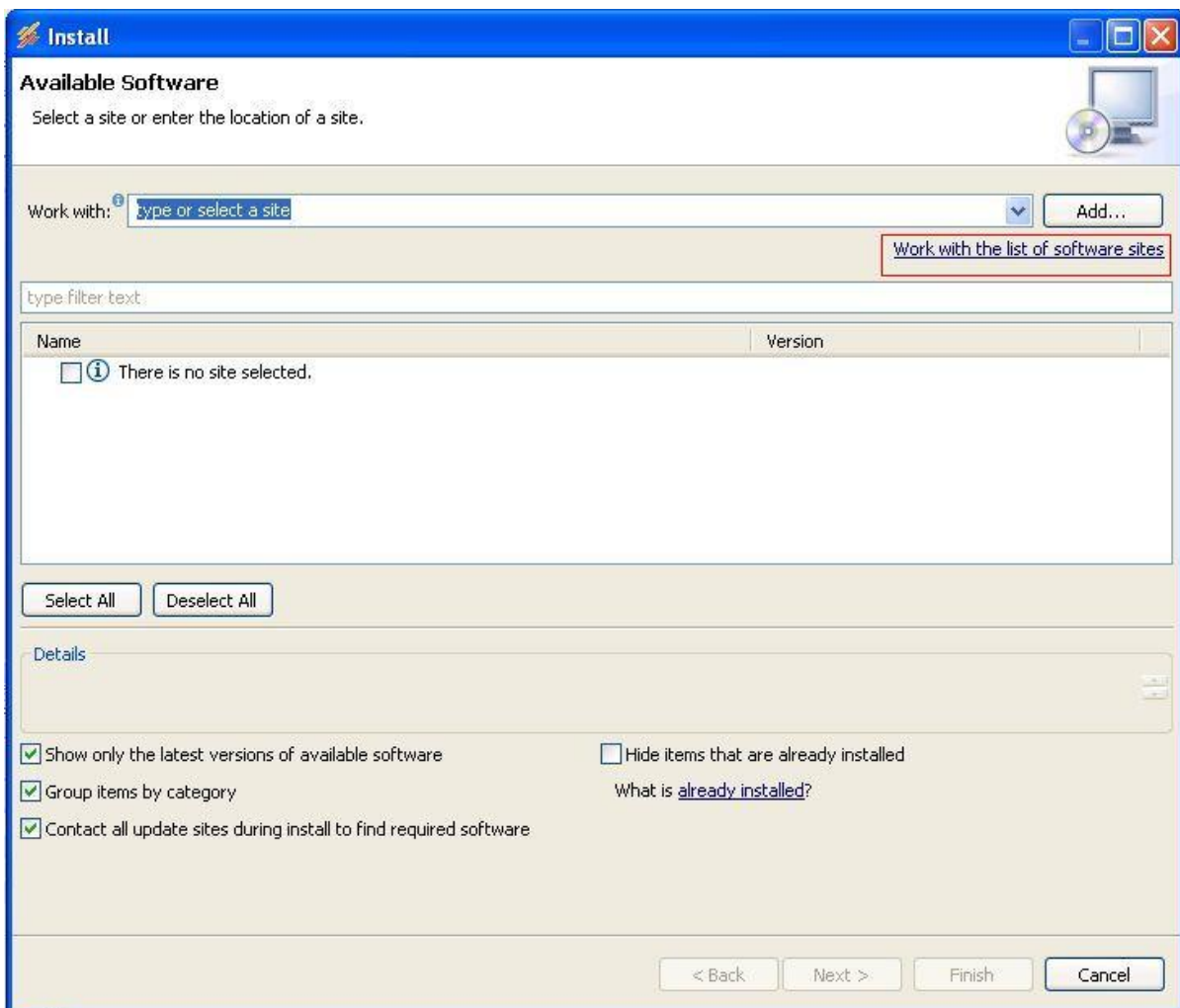


Figure 56: Install New Software

Help Menu – Install New Software

Following window appears.

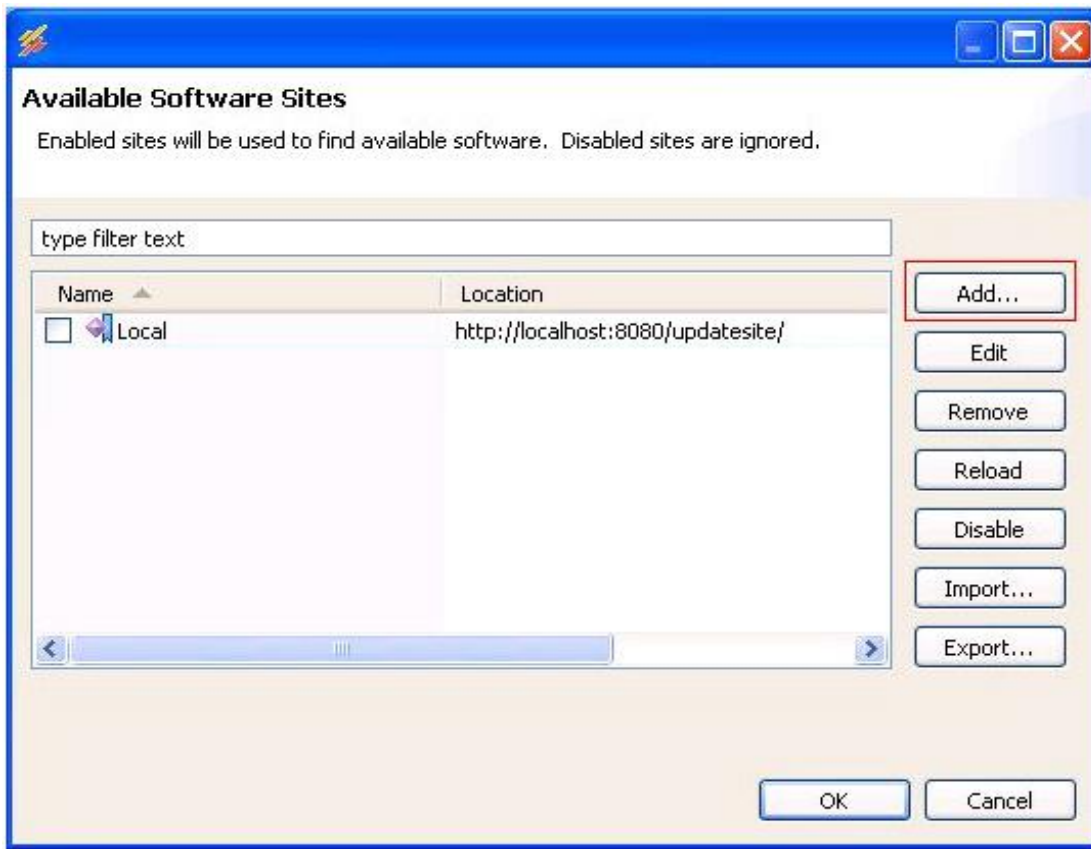


Figure 57: Add Software Site

Click on "Add" button to add new software site or click on edit button to edit existing software site. Following window appears when you click on "Add" button.

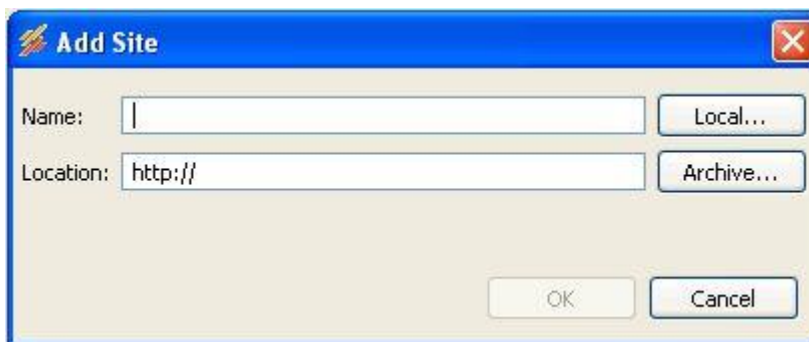


Figure 58: Install New Software

Screen Explanation

Checkbox or Field	Function
Name	Give name for the software site
Location	Give the location of the software site.

Help Menu – Install New Software

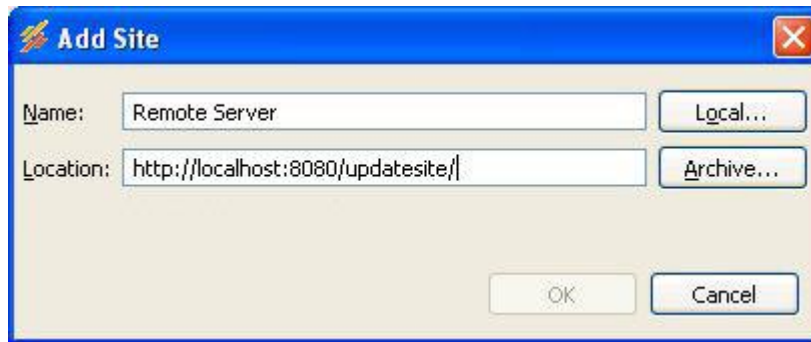


Figure 59: Give Update Site Location

After giving information press OK button.

If a software site is updated, press reload button. It will check whether the software site is available.

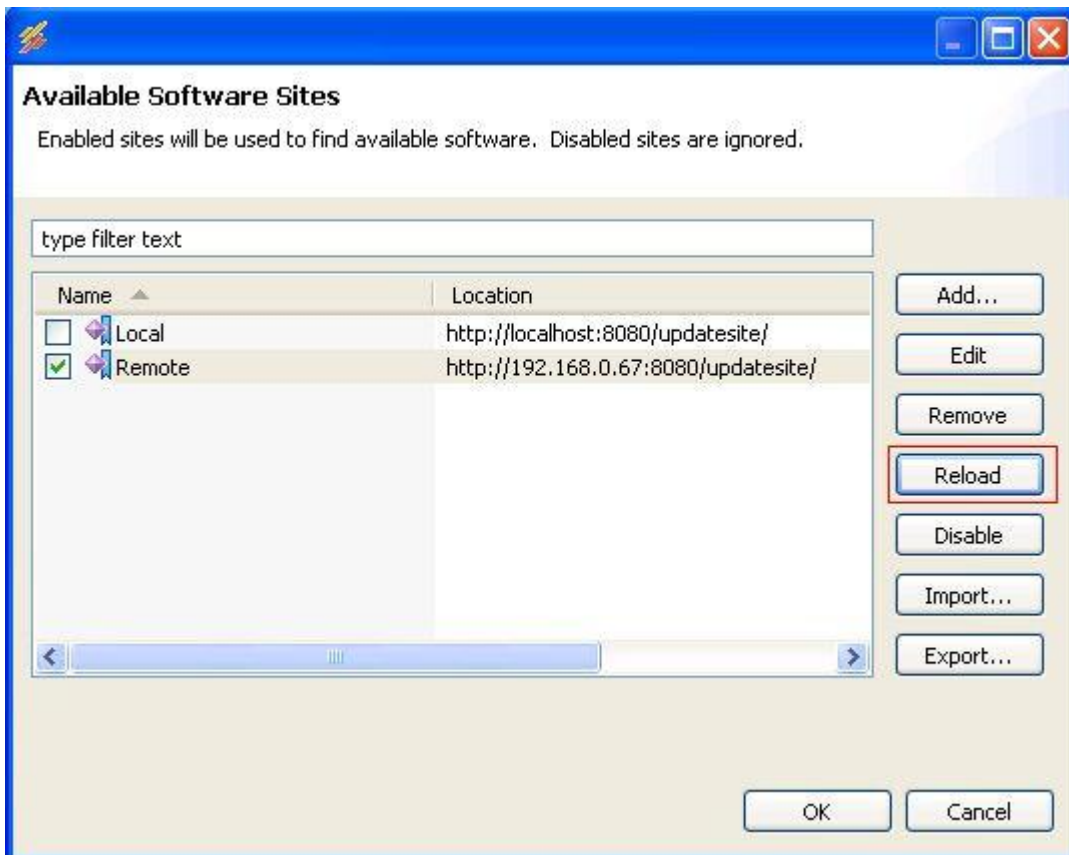


Figure 60: Reloading Software Site

Help Menu – Install New Software

If software site is unavailable following error appears.

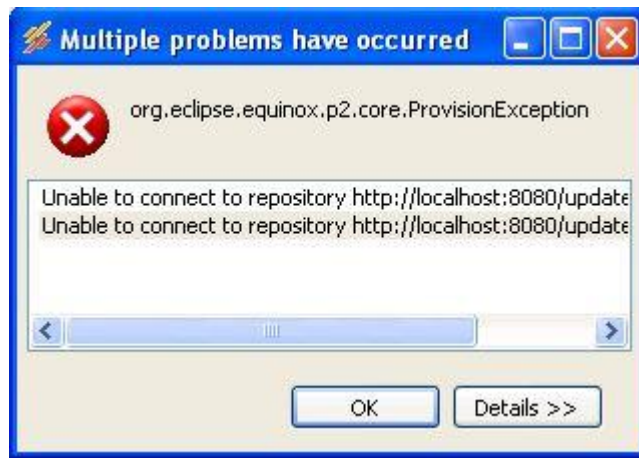


Figure 61: Software Site Unavailable

If there is a success message, you have configured the URL and you are ready to download the software updates.



1.8.2 Help Menu – Check for Updates

Navigation:

Help > Check for Updates

If the updates will available then you will see the following view.

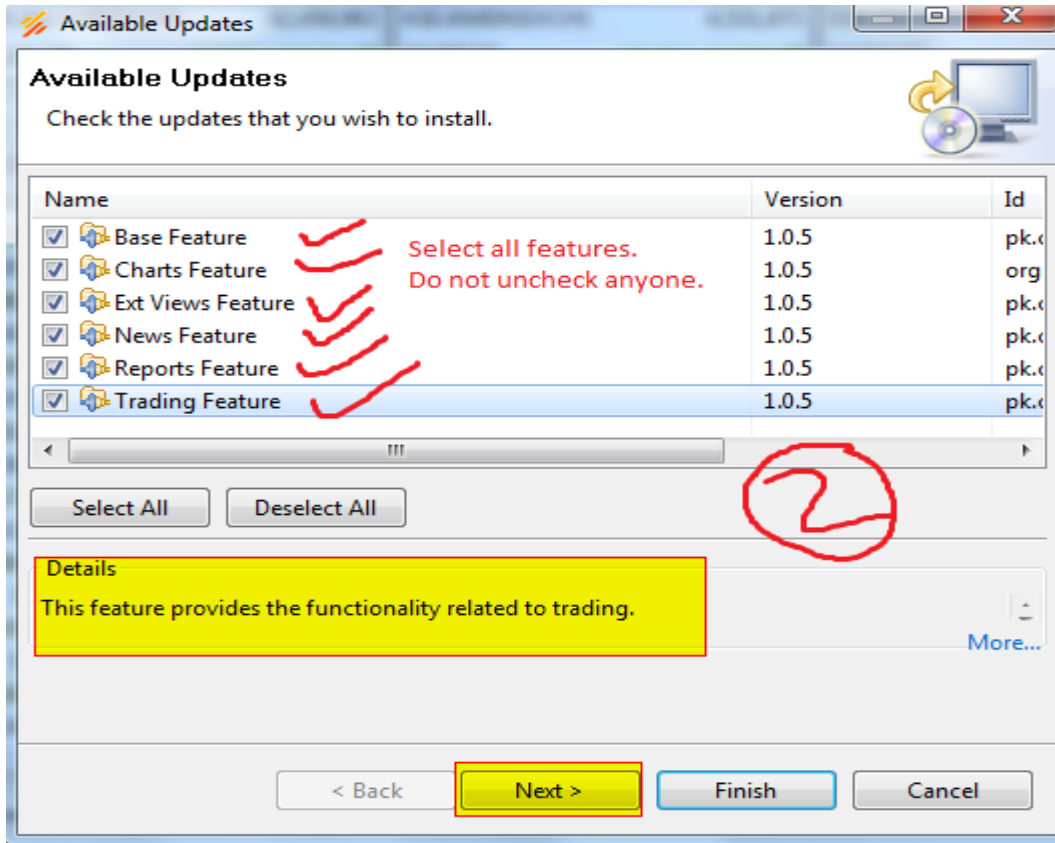


Figure 62: Update Software

Screen Explanation

Checkbox or Field	Function
Base Feature	A terminal feature to be updated
Charts Feature	A terminal feature to be updated
Ext View Feature	A terminal feature to be updated
News Feature	A terminal feature to be updated
Reports Feature	A terminal feature to be updated
Trading Feature	A terminal feature to be updated

Help Menu – Check for Updates (cont.)

Following window appears on pressing “Next” button.

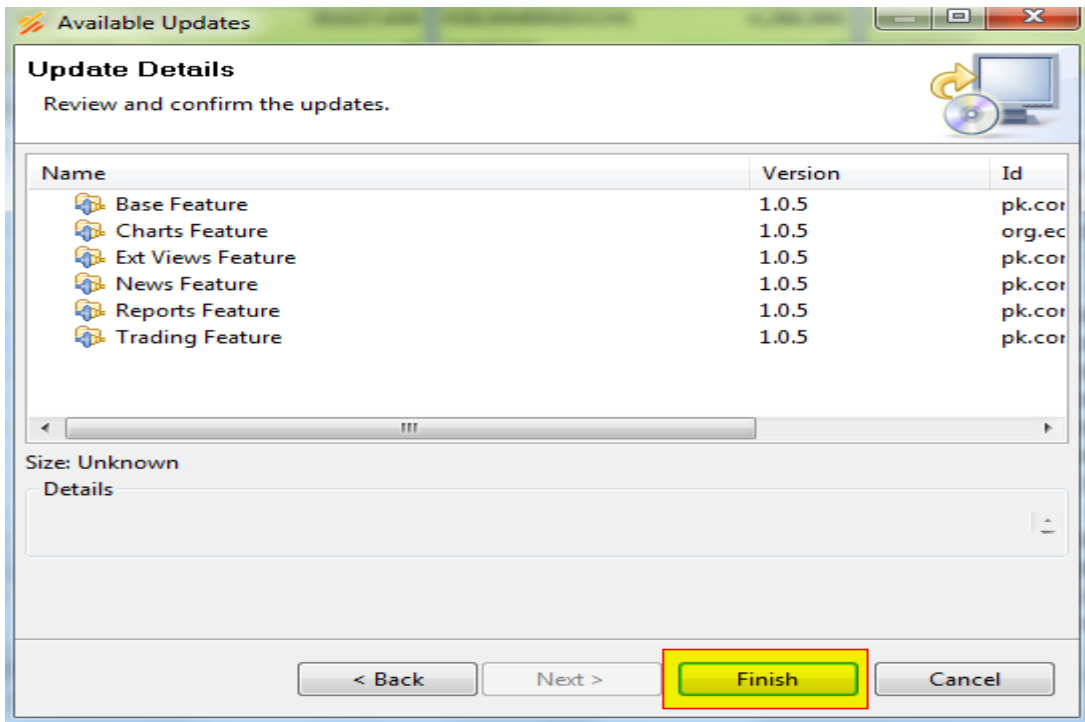


Figure 63: List of New Software Available

Now your software starts downloading updates from server you have configured in previous step.

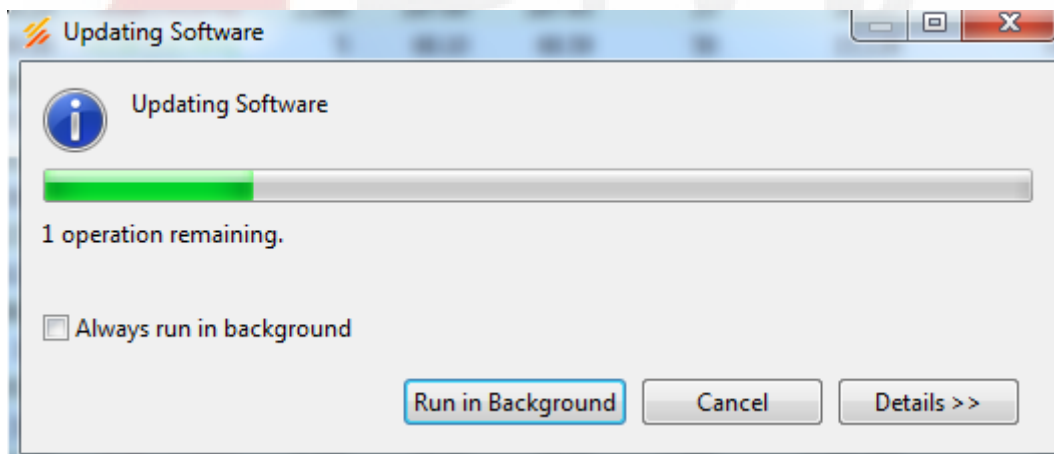


Figure 64: Updating Software

Note: Sometime it shows an error message while downloading the updates due to your internet connection speed but be patient and try it again (Check for updates) because ultimately it will download updates.

After downloading updates it will show warning message. (Just ignore it)

Help Menu – Check for Updates (cont.)

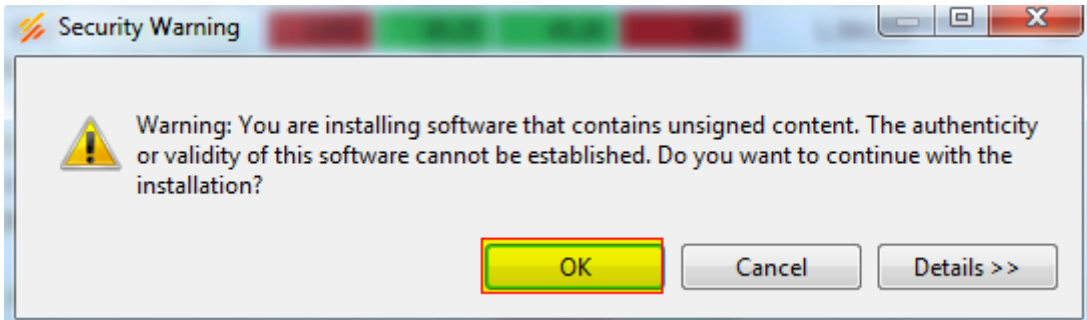


Figure 65: Warning – Unsigned Content

Now your software is updated. You have to restart terminal in order to view changes.

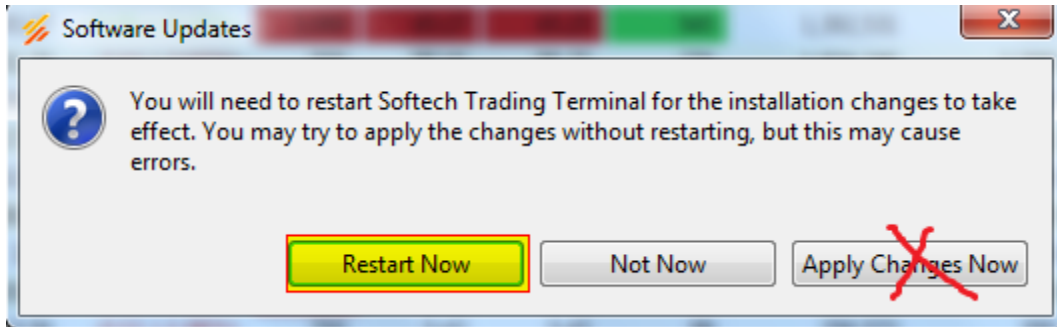


Figure 66: Restart Application

After restarting the terminal, updates will be incorporated in your terminal. To verify it again check for updates, you will see the following message that no updates were found.

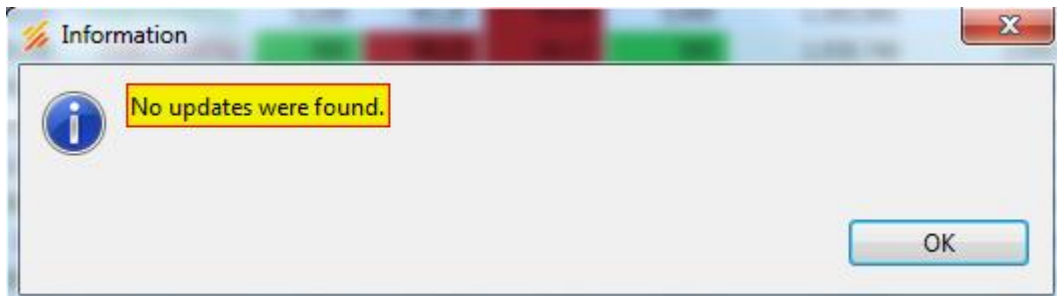


Figure 67: No Updated Available

1.9 Charts Perspective

Navigation:

Open Perspective Button > Others > Charts Perspective

Charts perspective is a complete perspective just like Trading Perspective. It enables user to view different statistics for analysis. Along with the plotting of graphs and charts, there are indicators tools and patterns available for analysis purpose.



Figure 68: Open a Chart

Chart will be displayed. This chart provides price statistics along with time. There is also a bar chart in the bottom that displays volume statistics along with time.

You can change the type of the chart by selecting the line displayed in the line chart. Right click it and click properties. Following popup window appears. Select Type of chart as Line, Bars, Candles or Histogram Area.

Charts Perspective (cont.)

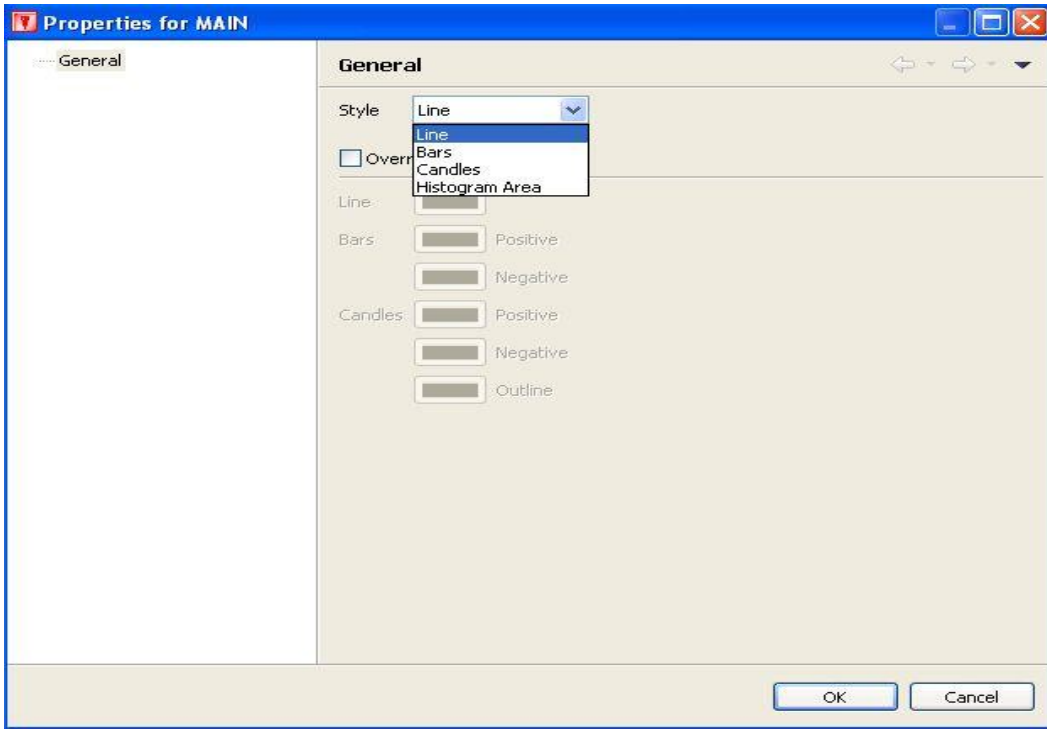


Figure 69: Change Type of Chart

You can also override the color theme by checking “Override color theme” and select color from the color palette for line bars or candles.

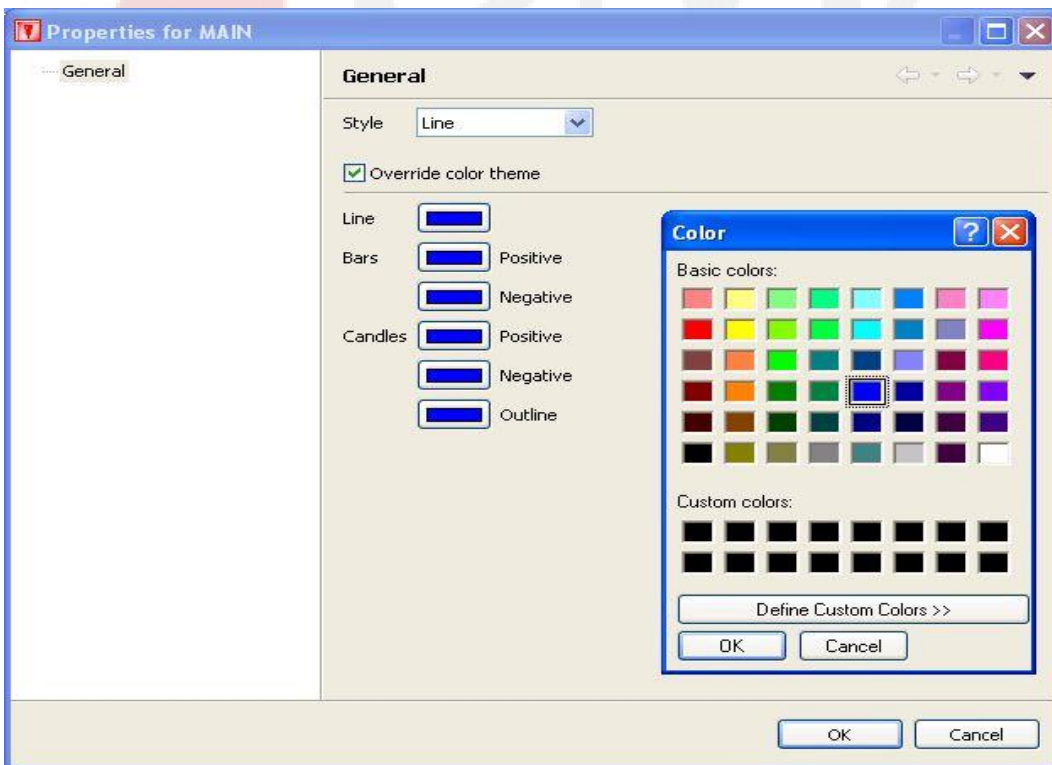


Figure 70: Change Type of Chart

You can view the charts for certain time duration by selecting history chart or intraday chart from the top right of charts view as encircled in the figure 71.

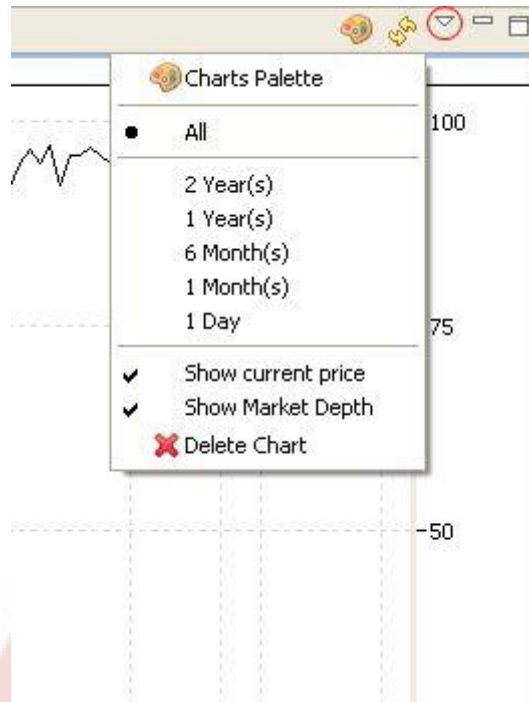


Figure 71: Change Type of Chart

Screen Explanation

Field	Function
All	Shows complete history
2 year	Shows 2 year data
1 year	Shows 1 year data
6 month	Shows 6 month data
1 month	Shows 1 month data
1 day	Show intraday chart
Show current price	Shows current price in the chart
Show Market Depth	Show Market Depth in the chart
Delete Chart	Deletes the chart

1.9.1 Charts Perspective - Top Indicators

Top Indicators provide different statistics as Bollinger Bands, Linear Regression, Moving Average, Trend Channel and Typical Price.

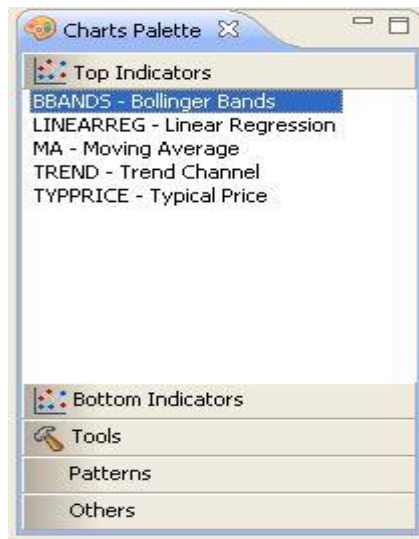


Figure 72: Top Indicators

To view a top indicator click on the indicator from the Charts Palette drag it and drop it onto the Chart view. Following window appears. In figure 72 and figure 73 Bollinger Bands is configured.

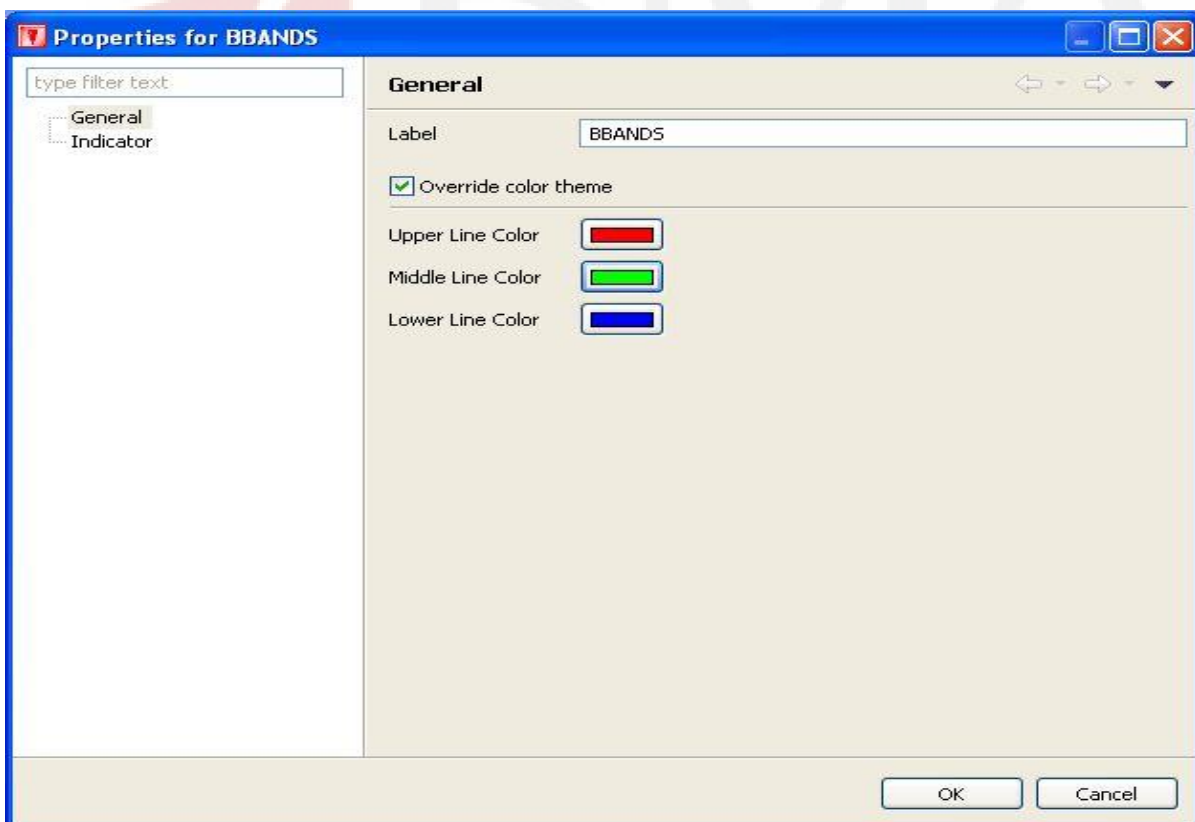


Figure 73: Bollinger Bands - General

Charts Perspective – Top Indicators (cont.)

Provide label in the label field. You can also check the “Override color theme” checkbox if you want to change the color of the chart.

You can also change the indicators by clicking the indicators link from the tree.

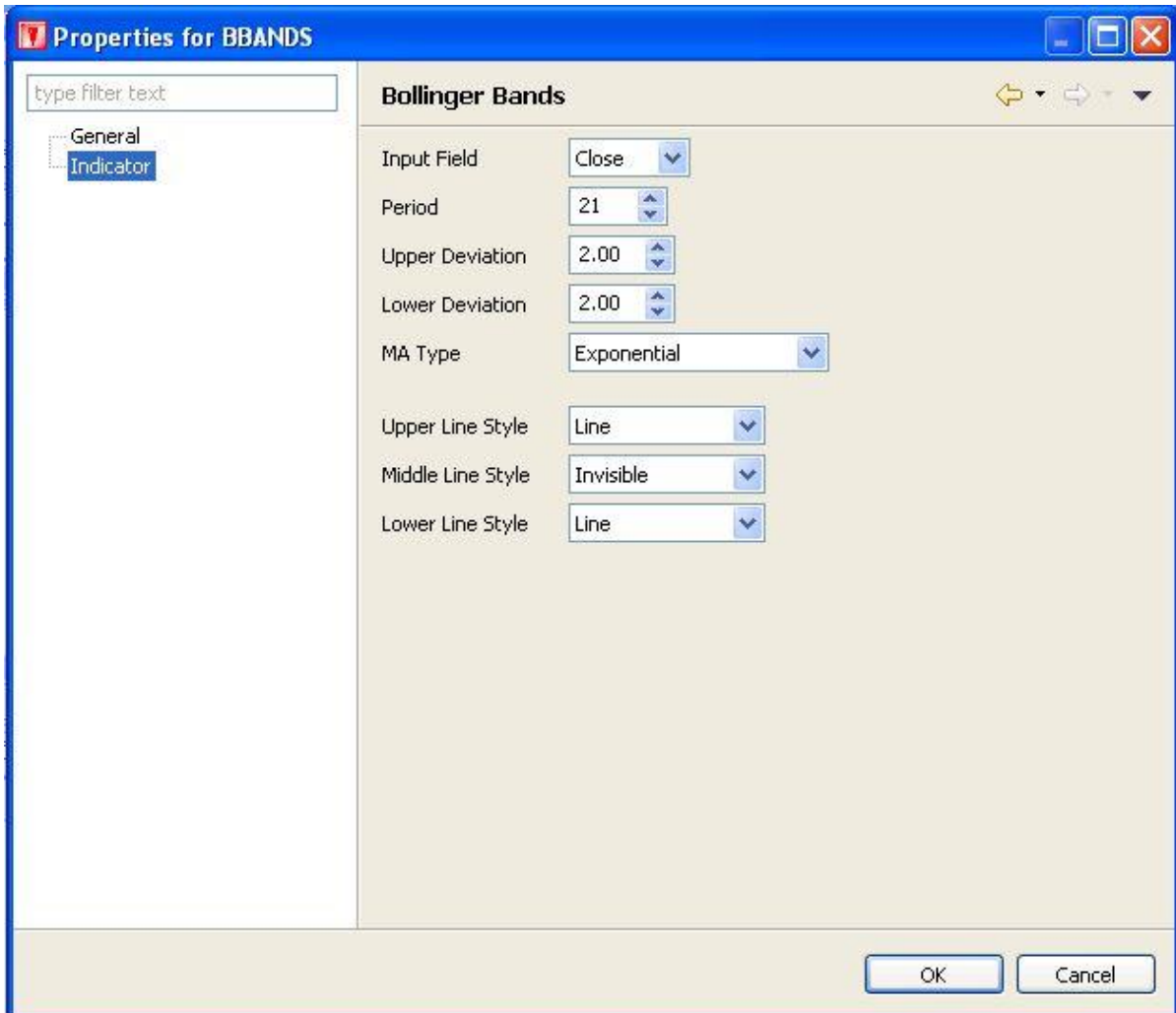


Figure 74: Bollinger Brands Indicators

Screen Explanation

Field	Function
Input Field	Input field can be either Close, High, Low, Open or Volume.
Period	Select the period
Upper Deviation	Select upper deviation
Lower Deviation	Select lower deviation
MA Type	Select MA Type
Upper Line Style	Select upper line style
Middle Line Style	Select middle like style
Lower Line Style	Select lower line style

Charts Perspective – Top Indicators (cont.)

Following chart appears.



Figure 75: Bollinger Bands Indicators

Similarly other Top Indicators like Linear Regression, Moving Average, Trend Channel and Typical Price can be displayed.

1.9.2 Charts Perspective - Bottom Indicators

Bottom Indicators can display different statistics as Chaikin A/D Line, Chaikin A/D Oscillator, A/D Movement Index, etc.



Figure 76: Bottom Indicators

Charts Perspective – Bottom Indicators (cont.)

To view a top indicator click on the indicator from the Charts Palette drag it and drop it onto the Chart view. Following window appears. In figure 77 and figure 78 Chaikin A/D Line is configured and displayed.

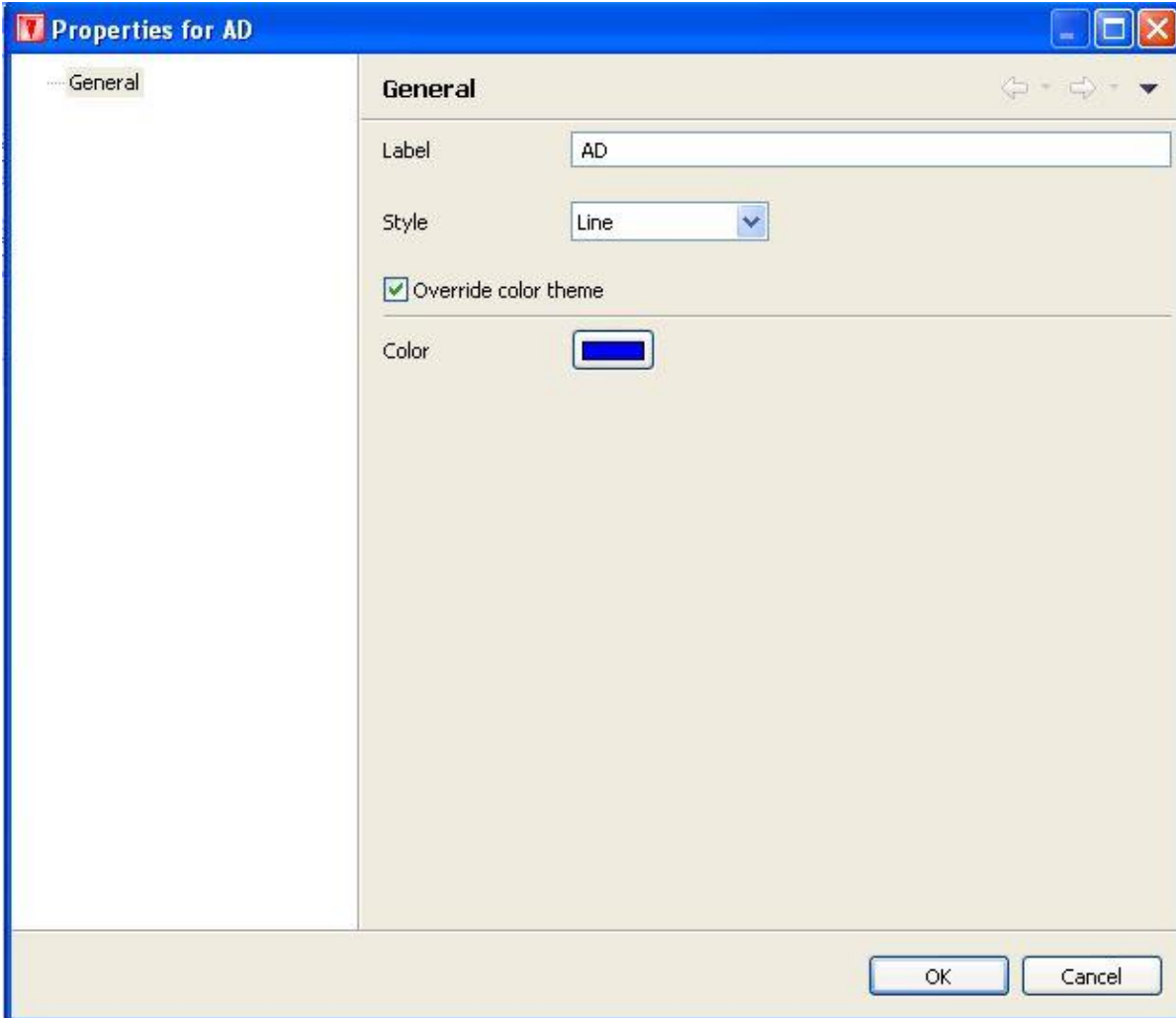


Figure 77: Bottom Indicators

Give the label and Style. Check “Orderride color theme” if you want to change color of the line, and press OK. Following chart appears.

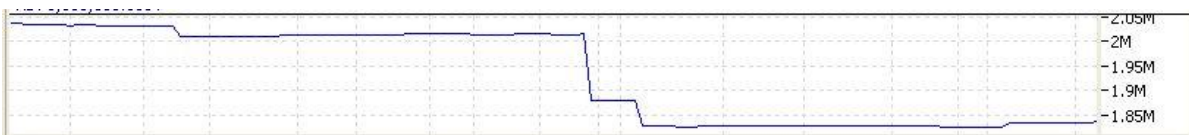


Figure 78: Bottom Indicators

Similarly other Bottom Indicator can be displayed.

1.9.3 Charts Perspective – Tools

FanLine, FiboArc, FiboLine and Line tools are available in the terminal.

To draw a FanLine, drag FanLine from charts palette – tools and drop it onto Charts view. FanLine is displayed in the chart.

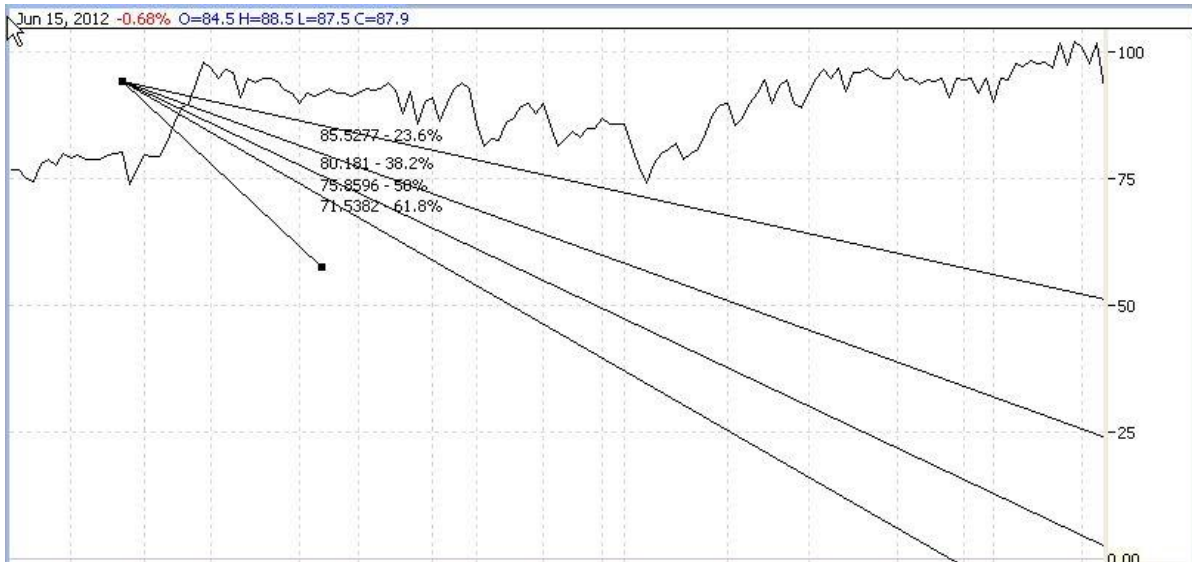


Figure 79: FanLine

To draw a FiboArc, drag FiboArc from charts palette – tools and drop it onto Charts view. FiboArc is displayed in the chart.

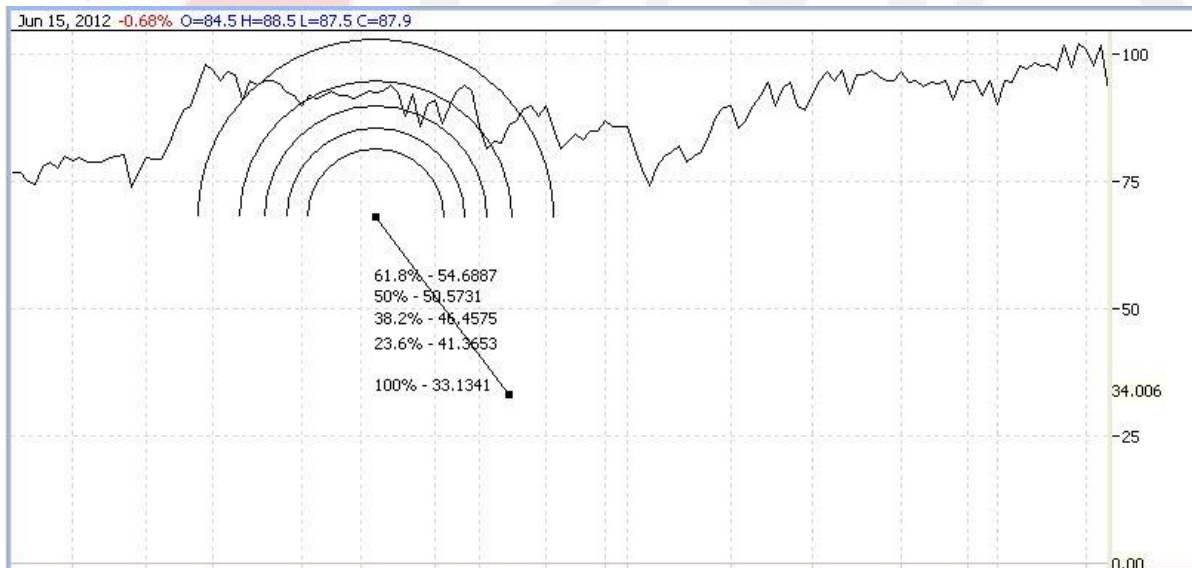


Figure 80: FiboArc

Charts Perspective – Tools (cont.)

To draw a FiboLine, drag FiboLine from charts palette – tools and drop it onto Charts view. FiboLine is displayed in the chart.

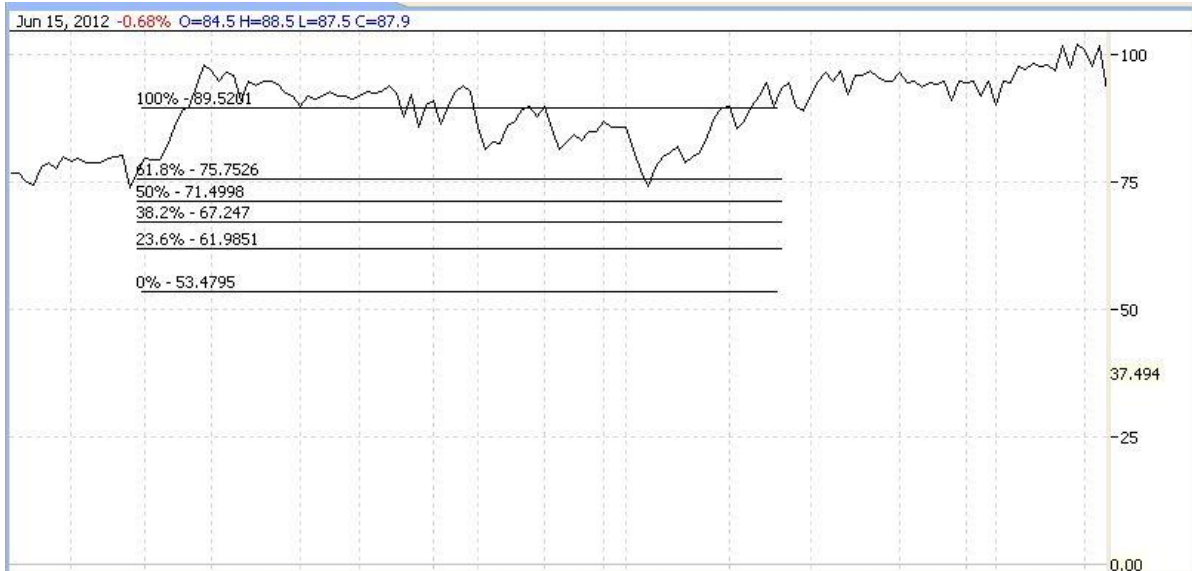


Figure 81: FiboLine

To draw a simple Line, drag Line from charts palette – tools and drop it onto Charts view. Line is displayed in the chart.



Figure 82: FiboLine

1.9.4 Charts Perspective – Patterns

Different Patterns can be displayed by dragging it and dropping it onto the Charts view. Following patterns are available.



Figure 83: Patterns

Charts Perspective – Patterns (cont.)

For example, for viewing Closing Price Reversal drag it and drop it onto the Charts view. It will be displayed as shown in figure 84.

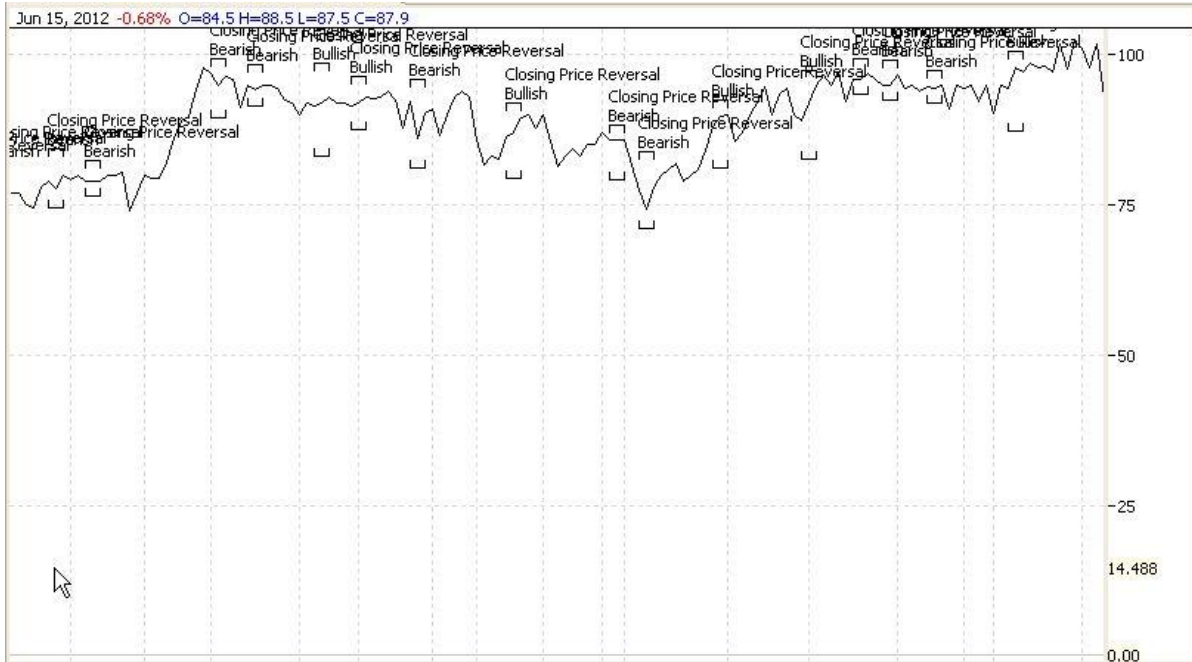


Figure 84: Patterns

1.9.5 Charts Perspective – Others

In others volume can be viewed.

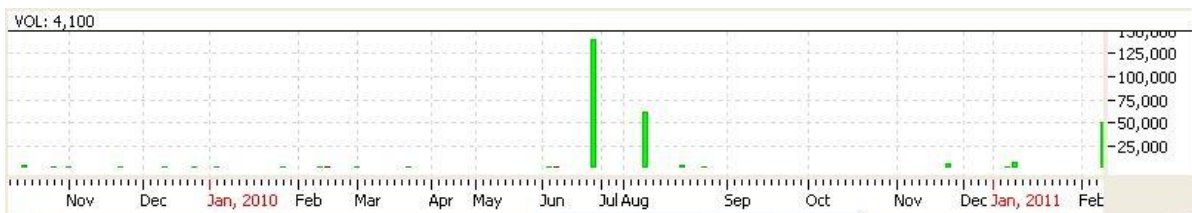


Figure 85: Volume

2 Transactional



2.1 Trading Menu

2.1.1 Trading Menu – Orders

Navigation:

Trading > Orders or Ctrl+O (shortcut)

All orders placed are available in the orders menu. All order are available in the All tab, where as Pending, Filled, Cancelled and Rejected orders are available in the corresponding tabs.

Exchange	Market	Symbol	Account	Order Id	Volume	Price	Filled Vol	Rem Vol	Side	Status	Type	Time	Expire
KSE	REG	PSO	RMS01	9554	100	500.00	100	0	SELL	Filled	NONE	02:55:29	N/A
KSE	REG	PSO	RMS01	9561	10	252.13	10	0	SELL	Filled	NONE	03:03:07	N/A
KSE	REG	PSO	RMS01	9560	10	252.13	10	0	BUY	Filled	NONE	03:03:07	N/A
KSE	REG	PSO	RMS01	9559	1,000	1.00	1,000	0	SELL	Filled	NONE	02:56:42	N/A
KSE	REG	PSO	RMS01	9558	1,000	1.00	1,000	0	BUY	Filled	NONE	02:56:42	N/A
KSE	REG	PSO	RMS01	9557	1	1,000...	1	0	SELL	Filled	NONE	02:56:04	N/A
KSE	REG	PSO	RMS01	9556	1	1,000...	1	0	BUY	Filled	NONE	02:56:04	N/A
KSE	REG	PSO	RMS01	9555	100	500.00	100	0	BUY	Filled	NONE	02:55:29	N/A
KSE	REG	PSO	RMS01	9549	100	281.00	0	100	BUY	Queued	LIMIT	03:05:12	08:03...

All
 Pending
 Filled
 Cancelled
 Rejected

Figure 86: Orders

2.1.2 Trading Menu – Orders Summary

Navigation:

Trading > Orders Summary or Ctrl++Shift+O (shortcut)

In orders summary all buy and sell orders placed are available along with the total and grand total of all buy and sell orders.



Figure 87: Orders Summary

TRADE

Screen Explanation

Checkbox or Field	Function
Exchange	Select name of the exchange
Client Code	Give Clint code of the client placing the order(s)
Symbol	Give Symbol for which order(s) is/are placed
Sub Code	Give Sub code of the order(s)
Reference Number	Give Reference number of the order(s)

2.1.3 Trading Menu - Trades

Navigation:

Trading - Trades or Ctrl+R (shortcut)

All executed trades are available here.

Exchange	Market	Symbol	Account	TradeNumber	Order Id	Volume	Price	Side	Avg. Price	Time
KSE	REG	PSO	RMS01	7128	9555	100	50...	BUY	500.00	02:...
KSE	REG	PSO	RMS01	7128	9554	100	50...	SE...	500.00	02:...
KSE	REG	PSO	RMS01	7131	9557	1	1,0...	SE...	1,000.00	02:...
KSE	REG	PSO	RMS01	7131	9556	1	1,0...	BUY	1,000.00	02:...
KSE	REG	PSO	RMS01	7134	9558	1,000	1.00	BUY	1.00	02:...
KSE	REG	PSO	RMS01	7134	9559	1,000	1.00	SE...	1.00	02:...
KSE	REG	PSO	RMS01	7137	9561	10	25...	SE...	252.13	03:...
KSE	REG	PSO	RMS01	7137	9560	10	25...	BUY	252.13	03:...

Figure 88: Trades



2.1.4 Trading Menu - Trades Summary

Navigation:

Trading > Trades Summary or Ctrl+Shift+R (shortcut)

Summary of all executed trades is available here. A search feature is available to narrow down the search.



Figure 89: Trades Summary

Screen Explanation

TRADE

Checkbox or Field	Function
Exchange	Select name of the exchange
Client Code	Give Client code of the client placing the order(s)
Symbol	Give Symbol for which order(s) has/have been placed
Sub Code	Give Sub code of the order(s)
Reference Number	Give Reference number of the order(s)
From Date	Give Starting time after which order has been placed
To Date	Give Ending time before which order has been placed

2.1.5 Trading Menu – Buy Order Form

Navigation:

Trading > Buy Order Form or F4 (shortcut)

Buy order form is used to place a buy order.



Figure 90: Buy Order Form

Screen Explanation

Checkbox or Field	Function
Volume	Give volume of the order
Symbol	Give symbol
Price	Give price for the symbol
Client Code	Give client code if trader is logged in. If client is logged in client code appears and is disabled.
Sub Code	Give sub code
Order Type	Give order type as LIMIT, STOP LOSS, MIT, S/L Market, Market or Short Sell
Order Property	Give order property as NONE or AON
Reference Number	Give reference number for the order
Disc Volume	Give disc volume
Exchange	Give exchange in which order is placed
Market	Give market whether REG, COT, FUT, PRV, ODL, NCCSF, NCFUT

Trading Menu – Buy Order Form

On pressing the button buy order confirmation screen appears.

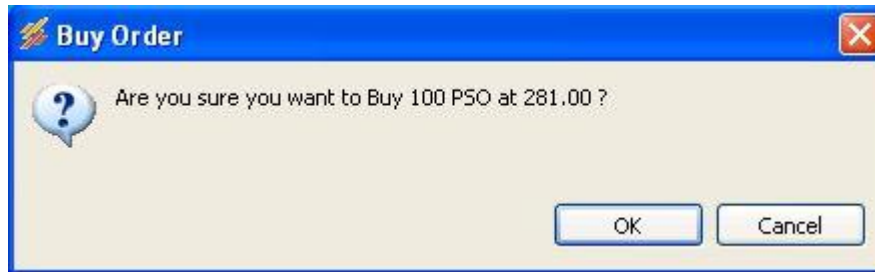


Figure 91: Order Confirmation Prompt

Press OK button to place the order.

Following notification appears when order is successfully placed.



Figure 92: Order Confirmation

Order starts appearing in the orders view.

2.1.6 Trading Menu – Sell Order Form

Navigation:

Trading > Sell Order or F5 (shortcut)

Sell Order form is used to place a sell order.

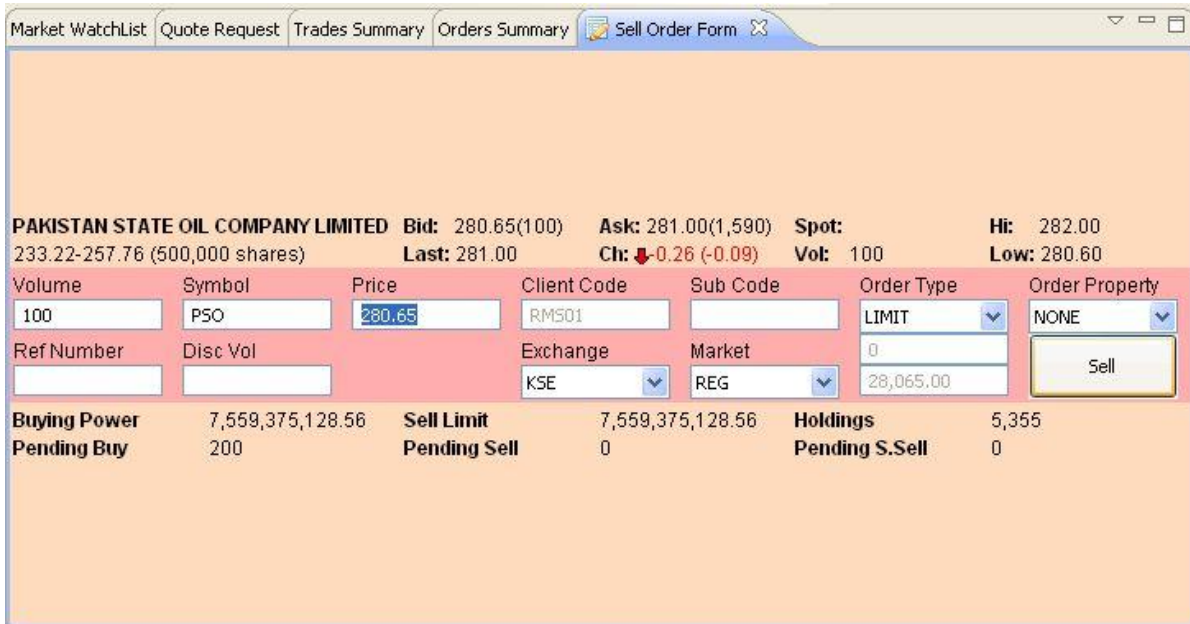


Figure 93: Sell Order Form

Screen Explanation

Checkbox or Field	Function
Volume	Give volume of the order
Symbol	Give symbol
Price	Give price for the symbol
Client Code	Give client code if trader is logged in. If client is logged in client code appears and is disabled.
Sub Code	Give sub code
Order Type	Give order type as LIMIT, STOP LOSS, MIT, S/L Market, Market or Short Sell
Order Property	Give order property as NONE or AON
Reference Number	Give reference number for the order
Disc Volume	Give disc volume
Exchange	Give exchange in which order is placed
Market	Give market whether REG, COT, FUT, PRV, ODL, NCCSF, NCDFUT

Order confirmation prompt appears.

Trading Menu – Sell Order Form



Figure 94: Order Confirmation Prompt

Press OK button to place sell order.

Following appears when the sell order has been successfully placed.



Figure 95: Order Confirmation Prompt

In the figure 77, Trade Confirmation message appears along with Order confirmation. Trade Confirmation message shows that a trade has been executed.

2.1.7 Trading Menu - Modify Order Form (Coming Soon)

Navigation:

Trading > Modify Order or F9 (shortcut)

Modify Order Form is used to modify an order.



Figure 96: Modify Order Form

Screen Explanation

Checkbox or Field	Function
Volume	Give volume of the order
Symbol	Give symbol
Price	Give price for the symbol
Client Code	Give client code if trader is logged in. If client is logged in client code appears and is disabled.
Sub Code	Give sub code
Reference Number	Give reference number for the order
Disc Volume	Give disc volume

Modify confirmation prompt appears.

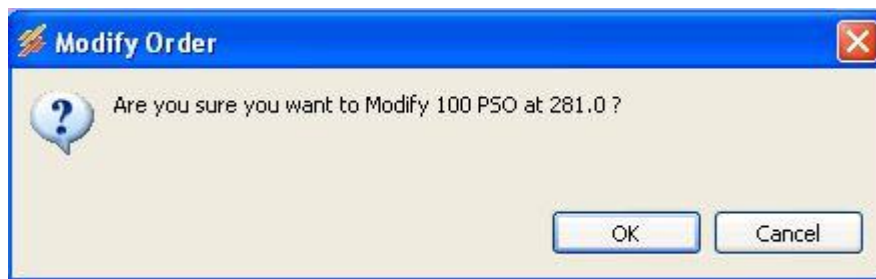


Figure 97: Modify Confirmation Prompt

Trading Menu - Modify Order Form

Modify confirmation message appears.

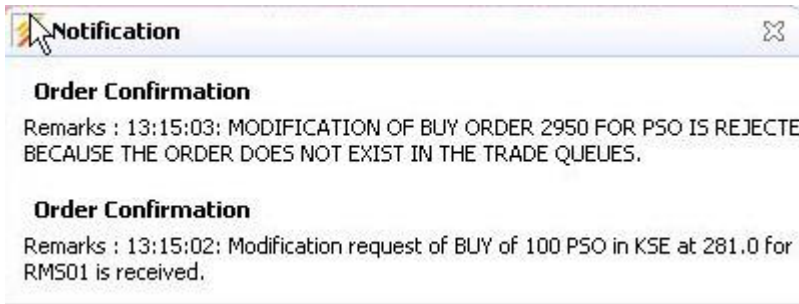


Figure 98: Modify Confirmation

If order gets rejected due to any reason the rejection message appears, as it is shown in the figure.

2.1.8 Trading Menu – Cancel Order

Navigation:

Trading > Cancel Order

Select the order from the orders view. Right click it and select cancel. You can also select cancel order from the Trading Menu after selecting order from the orders view.



Figure 99: Cancel Order

Order cancellation confirmation appears.



Figure 100: Cancel Order Confirmation Prompt

Trading Menu – Cancel Order



Figure 101: Cancel Order Confirmation

If order cancellation of the order gets rejected due to any reason rejection message appears.

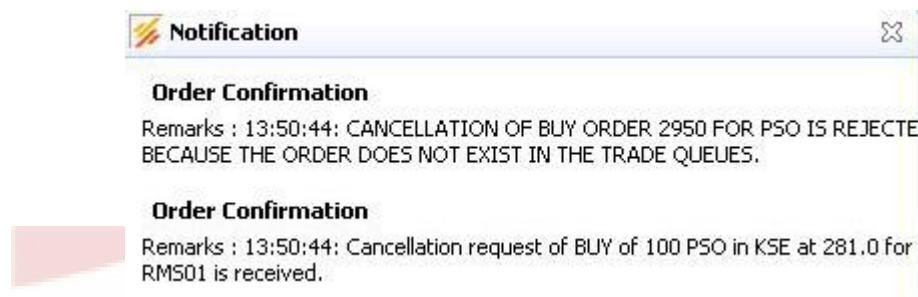


Figure 102: Cancel Order Confirmation (order not cancelled)

2.1.9 Trade Menu – Fund Movement (Coming Soon)

Navigation:

Trade > Fund Movement

Fund Movement allows transfer or withdrawal of funds.

Figure 103: Fund Movement

Screen Explanation

ComboBox or Field	Function
Client Code	Give client code. If client is logged in client code is automatically selected and this field is disabled.
Transfer/Withdrawal	Select Transfer the amount or select Withdrawal to withdraw an amount.
From	Select the exchange
To	Select the exchange
Cash Amount	Enter the amount to transfer or withdraw

2.1.10 Trade Menu – Combined Margin View (Coming Soon)

Navigation:

Trading > Combined Margin View

In Combined Margin View you can view Account Summary, Account Liquidity and Portfolio Details.

Account Summary can be viewed in the form of exchange, cash balance, profit sold, portfolio value, profit/loss etc details. Whereas in Account Liquidity you can view the liquidity details in the form of margin, exposure, margin required, free margin percentage, cash withdrawal, cash withdrawal limit, cash margin call and net margin call etc details. In Portfolio Details you can view symbol, sellable holding, profit/loss, buy quantity, sell quantity, pending buy, pending sell, open volume, net holding volume, market price and net holding value.

Trade Menu – Combined Margin View

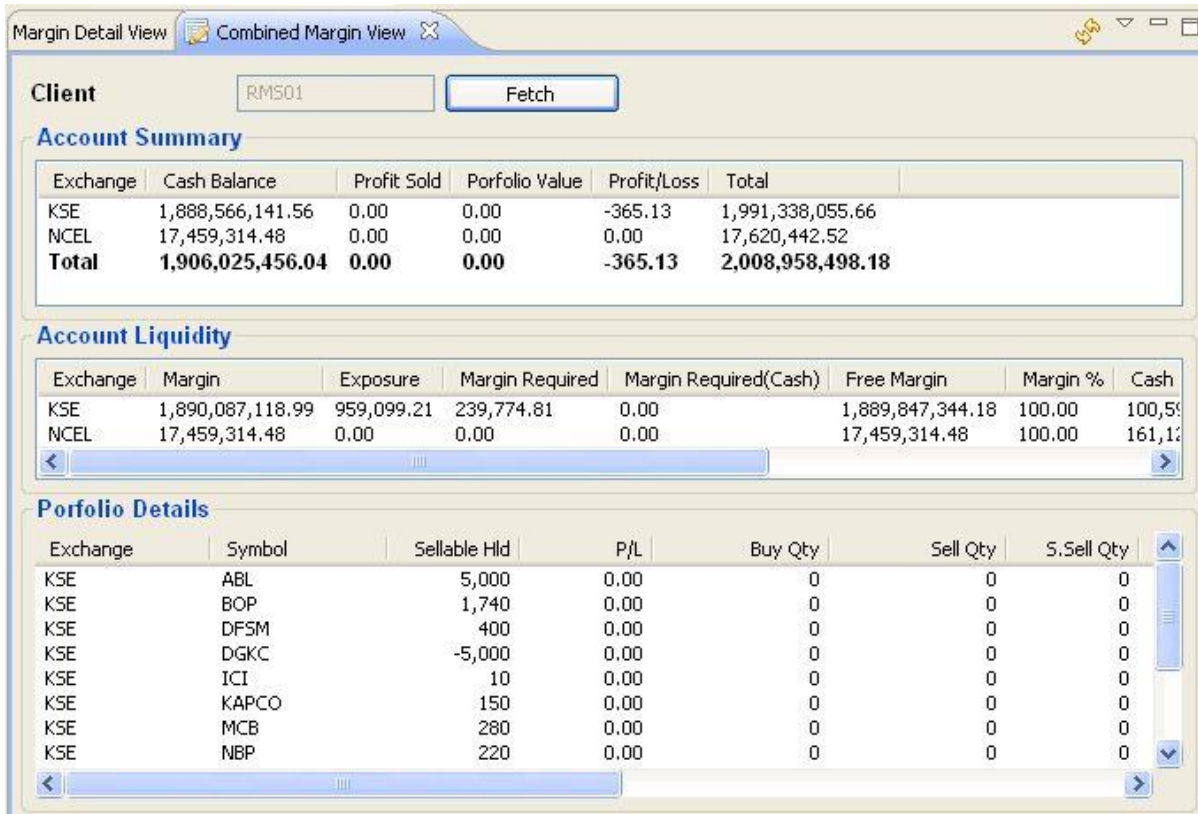


Figure 104: Combined Margin View

Screen Explanation

Field	Function
Client	Give the client code in case trader or admin is logged in. In case of client code is automatically picked and this field is disabled

2.1.11 Trade Menu – Margin Detail View (Coming Soon)

Navigation:

Trading > Margin Detail View

In Margin Detail view you can view the margin details in the form of account summary, account liquidity and portfolio details.

Trade Menu – Margin Detail View

The screenshot displays the 'Margin Detail View' window. At the top, there are tabs for 'Margin Detail View' and 'Combined Margin View'. Below the tabs, the 'Client Code' is set to 'RMS01' with a 'Fetch' button. The 'Account Summary' section shows: Equity Cash Balance (1,888,566,141.56), Market Value of Equity (2,172,824.90), Commodity Cash Balance (17,459,314.48), Market Value of Commodity (0.00), and Total Worth (1,908,198,280.94). The 'Account Liquidity(KSE)' section shows: Net Liquidity(Margin) (1,890,087,118.99), Open Position(Exposure) (961,621.88), Free Margin (1,889,846,713.52), Ready Buying Power (1,888,566,141.56), Pending Cash Withdrawal (100,598,995.21), Cash Withdrawal Limit (1,888,561,141.56), and Margin Percentage (100.00). The 'Account Liquidity(PMEX)' section shows: Net Liquidity(Margin) (17,459,314.48), Open Position(Exposure) (0.00), Free Margin (17,459,314.48), Ready Buying Power (17,459,314.48), Pending Cash Withdrawal (161,128.04), Cash Transfer Limit (17,459,314.48), and Margin Percentage (100.00). The 'Portfolio Details' table lists various symbols and their quantities.

Exchange	Symbol	Sellable Hld	P/L	Buy Qty	Sell Qty	S.Sell Qty	Pending Buy	Pending Sell	Pending S...
KSE	ABL	5,000	0.00	0	0	0	0	0	0
KSE	BOP	1,740	0.00	0	0	0	0	0	0
KSE	DFSM	400	0.00	0	0	0	0	0	0
KSE	DGKC	-5,000	0.00	0	0	0	0	0	0
KSE	ICI	10	0.00	0	0	0	0	0	0
KSE	KAPCO	150	0.00	0	0	0	0	0	0
KSE	MCB	280	0.00	0	0	0	0	0	0
KSE	NBP	220	0.00	0	0	0	0	0	0
KSE	OGDC	-5,246	0.00	0	0	0	0	0	0

Figure 105: Margin Detail View

Screen Explanation

Field	Function
Client	Give the client code in case trader or admin is logged in. In case of client code is automatically picked and this field is disabled

2.1.12 Trade Menu – Client Margin View

Navigation:

Trading > Client Margin View

In Client Margin view user can view client margin in the form of cash balance, blocked and unblocked margin, custody, available margin, cfs, future, provisional and pending orders, exposure allowed, available percentage, and symbol details with custody, pending orders, cfs, future, provisional and available balance, blocked balance, market rate and value.

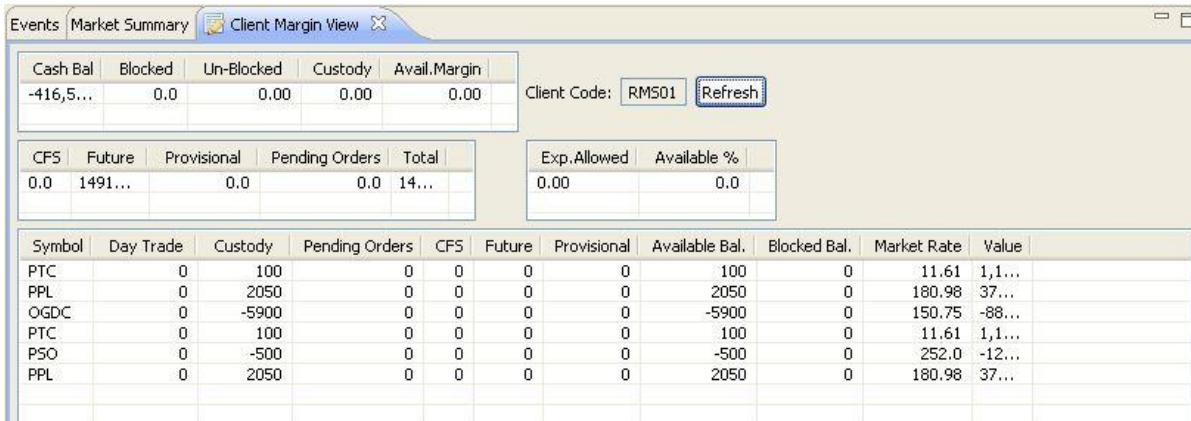


Figure 106: Client Margin View

Screen Explanation

Field	Function
Client Code	Give the client code in case trader or admin is logged in. In case of client code is automatically picked and this field is disabled

3 Reports



3.1 Reports Menu

3.1.1 Reports Menu – Integrated Ledger (Coming Soon)

Navigation:

Reports > Integrated Ledger

Integrated Ledger report displays the ledger in the form of trade voucher date, trade voucher number, trade type stock exchange, purchase, sale, trade currency, symbol, transaction rate, forex rate, rate, broker amount, levies, debit, credit, and current balance. In the end grand total of balance is displayed.

Trade/Vouch Date	Trade / Vouch#	Trade Type	Stock Exch.	Prch.	Sale	Trade Curr.	Symbol	Trans Rate	FX Rate	Rate	Brk Amount	Levies	Debit	Credit
1900-01-01	99-99999			0.0	0.0			0.00	0.00	0.00	0.00	0.00	0.002,005,308,262.07	2,005,
2012-04-09	6636	REG	KSE	200.0	0.0	RS.	PSO	0.00	1.00	230.00	46.00	0.00	46,046.00	0.00
2012-04-09	6639	REG	KSE	300.0	0.0	RS.	PSO	0.00	1.00	230.00	69.00	0.00	69,069.00	0.00
2012-04-09	6642	REG	KSE	100.0	0.0	RS.	PSO	0.00	1.00	230.00	23.00	0.00	23,023.00	0.00
2012-04-11	6646	REG	KSE	100.0	45.0	RS.	PSO	0.00	1.00	300.00	12.60	1.35	0.00	13,486.05
2012-04-11	6649	REG	KSE	100.0	55.0	RS.	PSO	0.00	1.00	300.00	15.40	1.65	0.00	16,482.95
2012-04-12	6651	REG	KSE	100.0	5.0	RS.	PSO	0.00	1.00	300.00	1.40	0.15	0.00	1,498.45

Figure 107: Integrated Ledger Report

Screen Explanation

Field	Function
Client Code	Give the client code in case trader or admin is logged in. In case of client code is automatically filled and this field is disabled
From Date	Narrows down the ledger search. Ledger with trade/vouch date after this date is displayed
To Date	Narrow down the ledger search. Ledger with trade/vouch date before this date is displayed

3.1.2 Reports Menu - Customer Payment

Navigation:

Reports > Customer Payment

Customer Payment Requests report displays status of customer payment request(s).

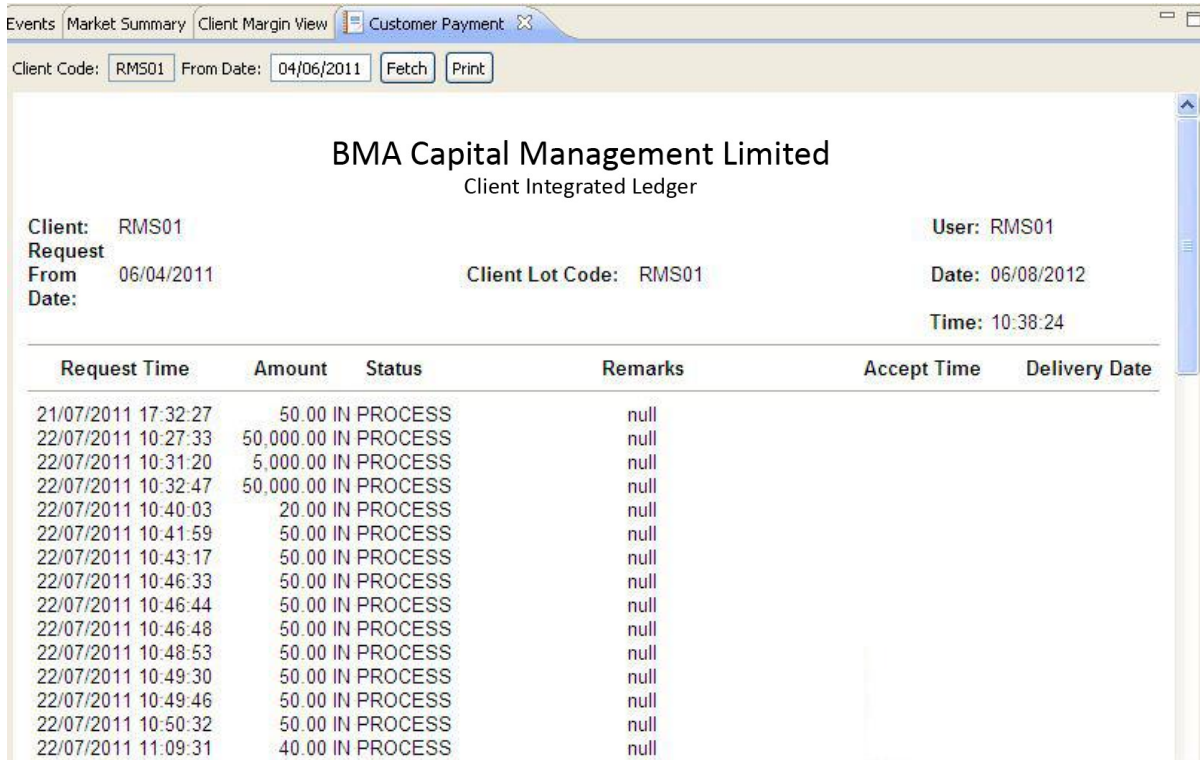


Figure 108: Payment Requests Report

TRADE

Screen Explanation

Field	Function
Client Code	Give the client code in case trader or admin is logged in. In case of client code is automatically filled and this field is disabled
From Date	Narrows down the search. Request(s) with request date after this date is/are displayed

3.1.3 Reports Menu – Net Share Custody

Navigation:

Reports > Net Share Custody

Net Share Custody report displays net custody share for any specified symbol.

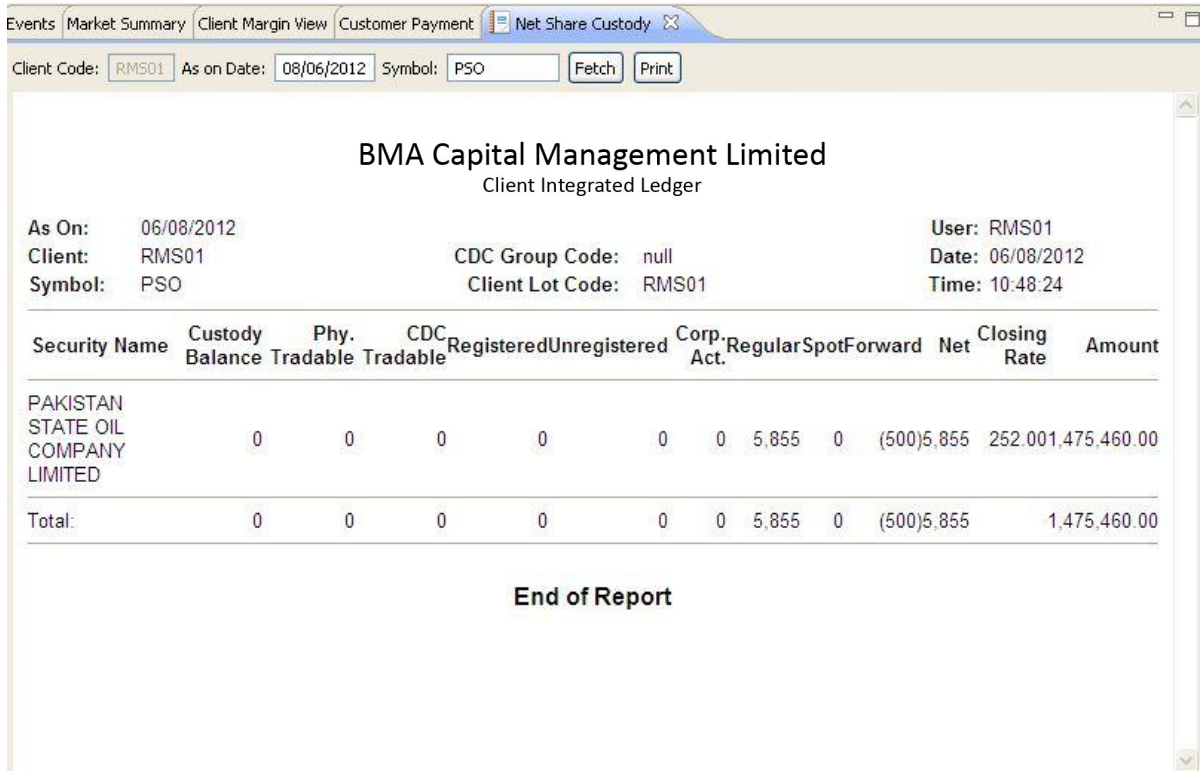


Figure 109: Net Share Custody Report

TRADE

Screen Explanation

Field	Function
Client Code	Give the client code in case trader or admin is logged in. In case of client code is automatically filled and this field is disabled
As on Date	Net share custody on this date is displayed
Symbol	Symbol whose net share custody is to be displayed

3.1.4 Reports Menu - Outstanding Orders

Navigation:

Reports > Outstanding Orders

Outstanding Orders report displays outstanding orders and their status.



Figure 110: Outstanding Orders Report

TRADE

Screen Explanation

Field	Function
Client Code	Give the client code in case trader or admin is logged in. In case of client, client code is automatically filled and this field is disabled
Exchange	Select the exchange

3.1.5 Reports Menu - Periodic Summary

Navigation:

Reports > Periodic Summary

Periodic Trade Summary shows symbol wise summary of client's trades in a particular period of time. Report can be requested for a particular period of time and for a particular clearing type. It shows the summary of client's trades in all symbols.



Figure 111: Periodic Summary Report

Screen Explanation

Field	Function
Client Code	Give the client code in case trader or admin is logged in. In case of client code is automatically filled and this field is disabled
From Date	Select starting date
To Date	Select ending date
Exchange	Select exchange
Clearing Type	Select clearing type

3.1.6 Reports Menu – Periodic Detail

Navigation:

Reports > Periodic Detail

Periodic Details report displays periodic details for a particular symbol.

Client Code: RMS01 From Date: 06/06/2012 To Date: 06/06/2012 Print

Exchange: All Clearing Type: ALL Symbol: PSO Fetch

BMA Capital Management Limited
Client Integrated Ledger

From Trade Date: 06/08/2012 To Trade Date: 06/08/2012 User: RMS01
Client: RMS01 Security: PSO Date: 06/08/2012
Clearing Type: ALL Exchange: ALL Time: 11:21:47

Client Code	Exchange	Market	Trade Type	Trade #	Sett Date	Trade Date	Buy Qty	Sell Qty	Rate	Buy Amt	Sell Amt	Brok Amt	CVT Amt	WHT Amt	FED Amt	
Security Total:											0.00					
Grand Total:											0.00					
Total No. of Trades:							0									

End of Report

Figure 112: Periodic Detail Report

Screen Explanation

Field	Function
Client Code	Give the client code in case trader or admin is logged in. In case of client code is automatically filled and this field is disabled
From Date	Select starting date
To Date	Select ending date
Exchange	Select exchange
Clearing Type	Select clearing type
Symbol	Give a symbol for which periodic detail is to be displayed