

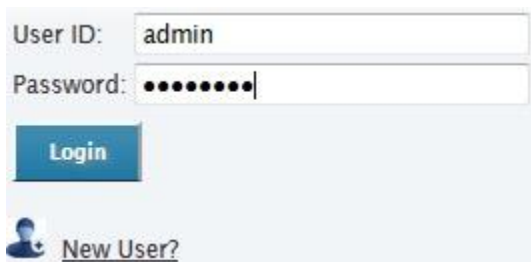
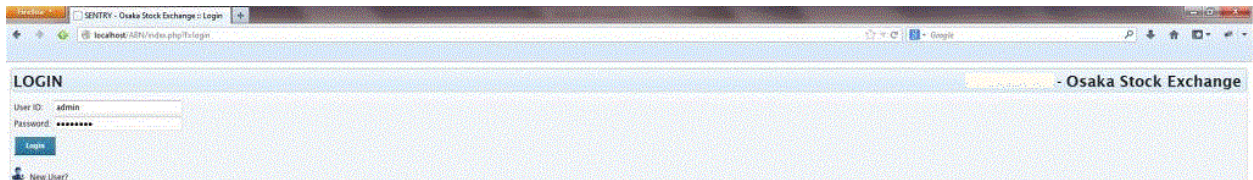
1. Overview

The web client has been developed as is a web interface between the user and the exchange. It provides the user with the facility to view and cancel their orders. The web client communicates with the exchange through its MCApplication counterpart via TCP/IP sockets. This document provides a brief overview of the product.

The web client can be run on both Linux (CentOS) or Windows. The web interface can be viewed on all platforms including iOS, Android and other mobile OS. It uses PostgreSQL server (Database) and Apache HTTP server (Web). It's built using PHP, HTML, JavaScript, CSS and PostgreSQL.

2. Login

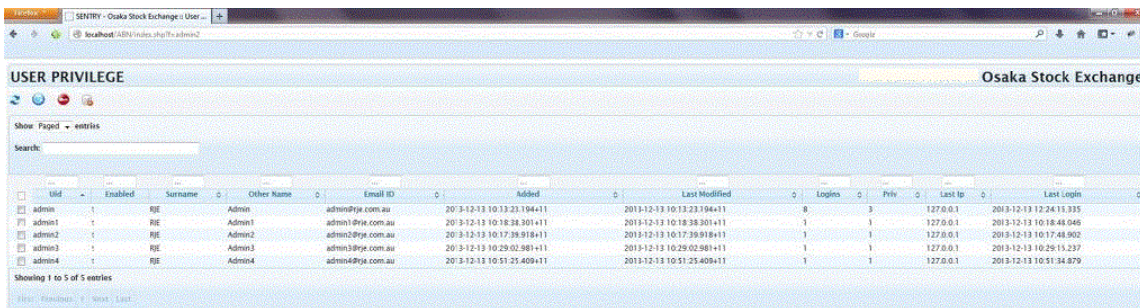
Users are sanctioned to access and perform various functions of the client through a Login/registration process and are authenticated against a directory service via LDAP authentication.



3. User Types:

The web client accommodates three types of users that are sanctioned to use and access:

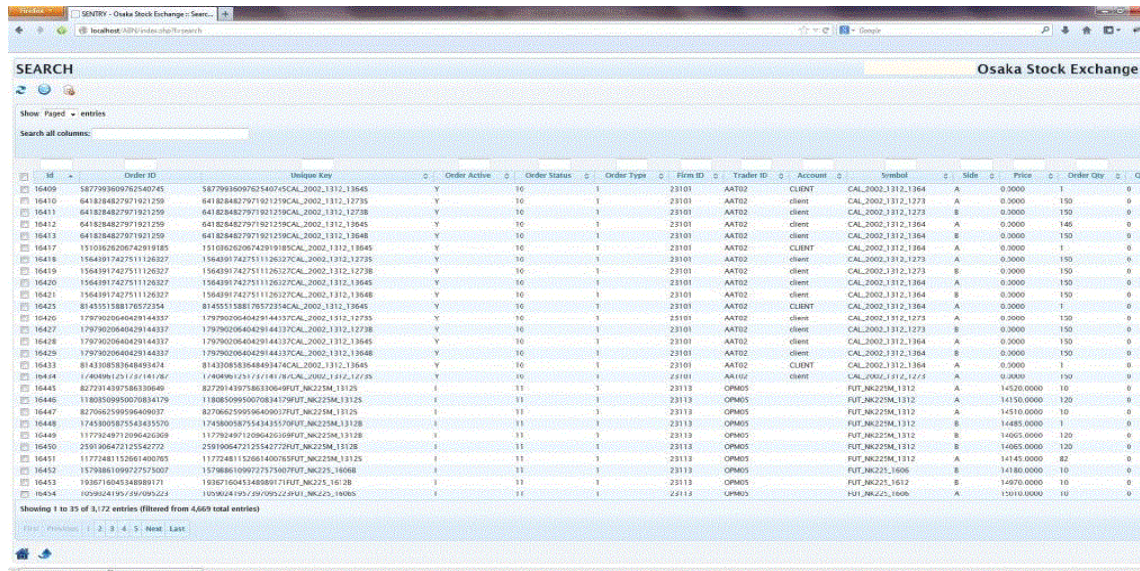
- **Basic User** (View Only User)
- **Intermediary User** (View and Cancel User)
- **Admin User** (View, Cancel and More User)



User ID	Enabled	Surname	Other Name	Email ID	Added	Last Modified	Logins	Priv	Last IP	Last Login
admin	1	Admin	Admin	admin@rje.com.au	2013-12-13 10:13:23.194+11	2013-12-13 10:13:23.194+11	0	3	127.0.0.1	2013-12-13 12:24:11.335
admin1	1	Admin1	Admin1	admin1@rje.com.au	2013-12-13 10:18:38.301+11	2013-12-13 10:18:38.301+11	1	1	127.0.0.1	2013-12-13 10:18:48.046
admin2	1	Admin2	Admin2	admin2@rje.com.au	2013-12-13 10:17:39.918+11	2013-12-13 10:17:39.918+11	1	1	127.0.0.1	2013-12-13 10:17:45.902
admin3	1	Admin3	Admin3	admin3@rje.com.au	2013-12-13 10:29:02.981+11	2013-12-13 10:29:02.981+11	1	1	127.0.0.1	2013-12-13 10:29:15.237
admin4	1	Admin4	Admin4	admin4@rje.com.au	2013-12-13 10:51:25.409+11	2013-12-13 10:51:25.409+11	1	1	127.0.0.1	2013-12-13 10:51:34.879

4. Search

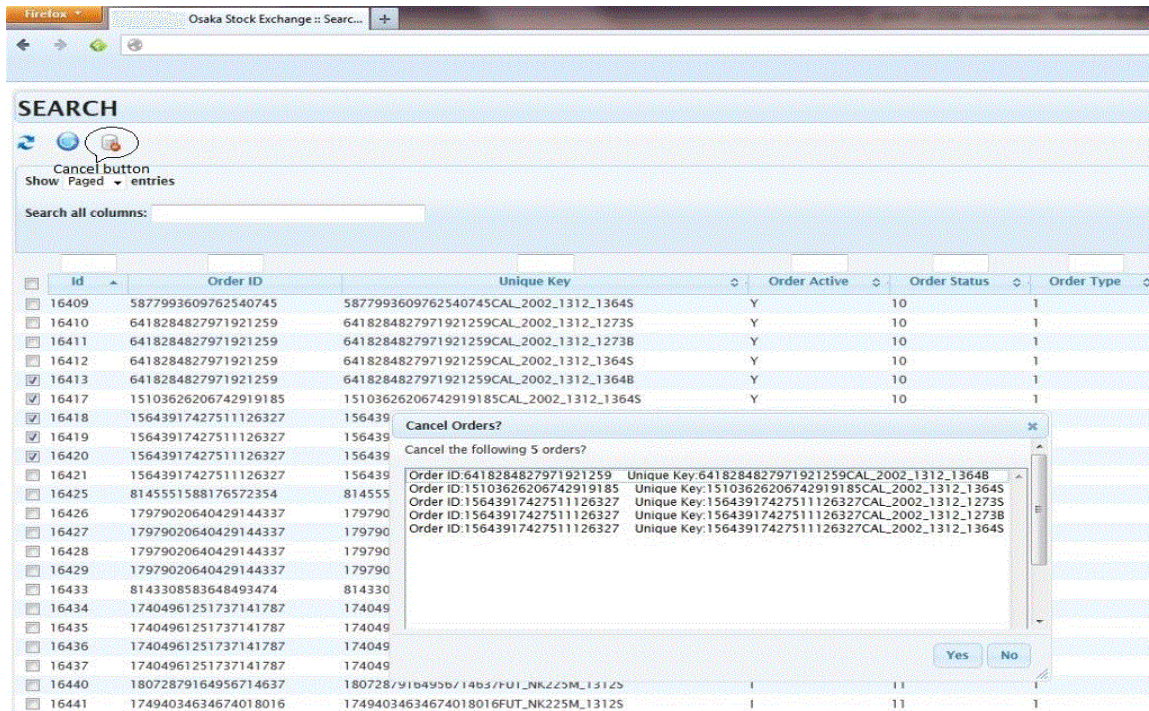
Users can search their orders and download and export the data to various formats.



Order ID	Order Active	Order Status	Order Type	Firm ID	Trader ID	Account	Symbol	Side	Price	Order Qty	Qty
16409	Y	10	1	23101	AA102	CLIENT	CAL_2002_1312_1364	A	0.0000	1	0
16410	Y	10	1	23101	AA102	CLIENT	CAL_2002_1312_1273	A	0.0000	150	0
16411	Y	10	1	23101	AA102	CLIENT	CAL_2002_1312_1273	B	0.0000	150	0
16412	Y	10	1	23101	AA102	CLIENT	CAL_2002_1312_1364	A	0.0000	146	0
16413	Y	10	1	23101	AA102	CLIENT	CAL_2002_1312_1364	B	0.0000	150	0
16417	Y	10	1	23101	AA102	CLIENT	CAL_2002_1312_1364	A	0.0000	1	0
16418	Y	10	1	23101	AA102	CLIENT	CAL_2002_1312_1273	A	0.0000	150	0
16419	Y	10	1	23101	AA102	CLIENT	CAL_2002_1312_1273	B	0.0000	150	0
16420	Y	10	1	23101	AA102	CLIENT	CAL_2002_1312_1364	A	0.0000	150	0
16421	Y	10	1	23101	AA102	CLIENT	CAL_2002_1312_1364	B	0.0000	150	0
16423	Y	10	1	23101	AA102	CLIENT	CAL_2002_1312_1364	A	0.0000	1	0
16426	Y	10	1	23101	AA102	CLIENT	CAL_2002_1312_1273	A	0.0000	150	0
16427	Y	10	1	23101	AA102	CLIENT	CAL_2002_1312_1273	B	0.0000	150	0
16428	Y	10	1	23101	AA102	CLIENT	CAL_2002_1312_1364	A	0.0000	150	0
16429	Y	10	1	23101	AA102	CLIENT	CAL_2002_1312_1364	B	0.0000	150	0
16431	Y	10	1	23101	AA102	CLIENT	CAL_2002_1312_1364	A	0.0000	1	0
1644	Y	11	1	23113	OPM05	CLIENT	CAL_2002_1312_1273	A	0.0000	150	0
16445	Y	11	1	23113	OPM05	CLIENT	CAL_2002_1312_1273	B	0.0000	150	0
16446	Y	11	1	23113	OPM05	CLIENT	CAL_2002_1312_1273	A	0.0000	150	0
16447	Y	11	1	23113	OPM05	CLIENT	CAL_2002_1312_1273	B	0.0000	150	0
16448	Y	11	1	23113	OPM05	CLIENT	CAL_2002_1312_1273	A	0.0000	150	0
16449	Y	11	1	23113	OPM05	CLIENT	CAL_2002_1312_1273	B	0.0000	150	0
16450	Y	11	1	23113	OPM05	CLIENT	CAL_2002_1312_1273	A	0.0000	150	0
16451	Y	11	1	23113	OPM05	CLIENT	CAL_2002_1312_1273	B	0.0000	150	0
16452	Y	11	1	23113	OPM05	CLIENT	CAL_2002_1312_1273	A	0.0000	150	0
16453	Y	11	1	23113	OPM05	CLIENT	CAL_2002_1312_1273	B	0.0000	150	0
16454	Y	11	1	23113	OPM05	CLIENT	CAL_2002_1312_1273	A	0.0000	150	0

5. Cancel Orders

Sanctioned users can select and cancel their orders.



SEARCH

Cancel button
Show Paged entries

Search all columns:

Id	Order ID	Unique Key	Order Active	Order Status	Order Type
16409	5877993609762540745	5877993609762540745CAL_2002_1312_13645	Y	10	1
16410	6418284827971921259	6418284827971921259CAL_2002_1312_12735	Y	10	1
16411	6418284827971921259	6418284827971921259CAL_2002_1312_1273B	Y	10	1
16412	6418284827971921259	6418284827971921259CAL_2002_1312_13645	Y	10	1
16413	6418284827971921259	6418284827971921259CAL_2002_1312_1364B	Y	10	1
16417	15103626206742919185	15103626206742919185CAL_2002_1312_13645	Y	10	1
16418	15643917427511126327	156439			
16419	15643917427511126327	156439			
16420	15643917427511126327	156439			
16421	15643917427511126327	156439			
16425	8145551588176572354	814555			
16426	17979020640429144337	179790			
16427	17979020640429144337	179790			
16428	17979020640429144337	179790			
16429	17979020640429144337	179790			
16433	8143308583648493474	814330			
16434	17404961251737141787	174049			
16435	17404961251737141787	174049			
16436	17404961251737141787	174049			
16437	17404961251737141787	174049			
16440	18072879164956714637	18072879164956714637FUT_NK225M_13125		11	
16441	17494034634674018016	17494034634674018016FUT_NK225M_13125		11	1

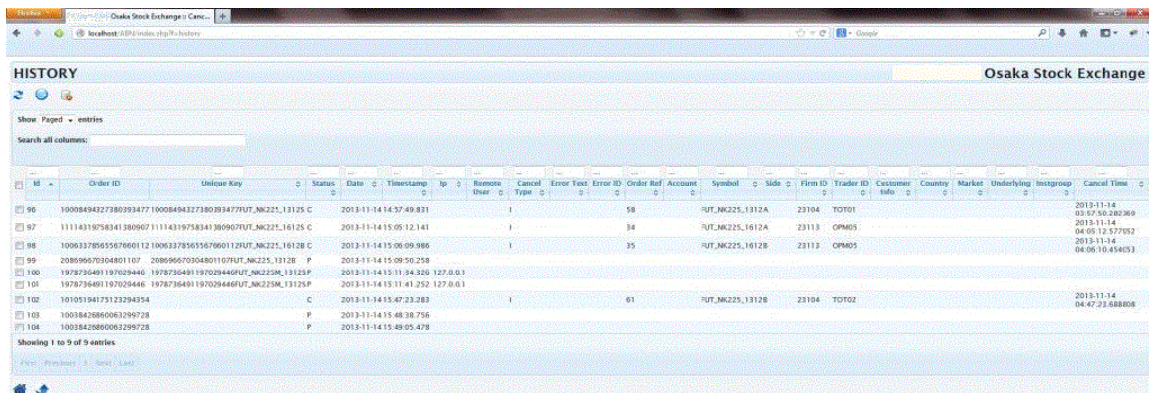
Cancel Orders?
Cancel the following 5 orders?

Order ID: 6418284827971921259 Unique Key: 6418284827971921259CAL_2002_1312_1364B
 Order ID: 15103626206742919185 Unique Key: 15103626206742919185CAL_2002_1312_13645
 Order ID: 15643917427511126327 Unique Key: 15643917427511126327CAL_2002_1312_12735
 Order ID: 15643917427511126327 Unique Key: 15643917427511126327CAL_2002_1312_1273B
 Order ID: 15643917427511126327 Unique Key: 15643917427511126327CAL_2002_1312_13645

Yes No

6. History

The user can view the status of all the cancellations requested via the web client on the history page.



HISTORY

Show Paged entries

Search all columns:

Id	Order ID	Unique Key	Status	Date	Timestamp	Ip	Reason	Cancel Type	Error Text	Error ID	Order Ref	Account	Symbol	Side	Firm ID	Trader ID	Customer Info	Country	Market	Underlying	Instrgroup	Cancel Time	
96	100084942738093477	100084942738093477FUT_NK221_13125	C	2013-11-14	14:57:49.831			I			58		FUT_NK225_1312A		23104	TOT01						2013-11-14 03:57:50.282369	
97	11114319758341380907	11114319758341380907FUT_NK221_16125	C	2013-11-14	15:05:12.141			I			34		FUT_NK225_1612A		23113	OPM05						2013-11-14 04:05:12.577552	
98	1006337865567660112	1006337865567660112FUT_NK221_16128	C	2013-11-14	15:06:09.986			I			35		FUT_NK225_1612B		23113	OPM05						2013-11-14 04:06:10.434653	
99	208596070304801107	208596070304801107FUT_NK225_1312B	P	2013-11-14	15:09:50.258																		
100	1978736491197029446	1978736491197029446FUT_NK225M_13125P		2013-11-14	15:11:34.320	127.0.0.1																	
101	1078736491197029446	1078736491197029446FUT_NK225M_13125P		2013-11-14	15:11:41.252	127.0.0.1																	
102	10105194175123294354		C	2013-11-14	15:47:23.282			I			61		FUT_NK225_1312B		23104	TOT02						2013-11-14 04:47:23.888808	
103	10018478660632949728		P	2013-11-14	15:48:38.756																		
104	10018478660632949728		P	2013-11-14	15:48:05.478																		

Showing 1 to 9 of 9 entries

7. View Fields

Users can customize the order fields that the search page displays. The customization is per user and the 'View Fields' page provides this facility.

