

OTS - Deployment Guide

System Requirements

1. Mysql Server - Version 5.6.27
2. Java Runtime environment - Version 1.8.0_65
3. Tomcat - Version 8.0 - Fresh copy, no webapps should be deployed in it.
4. At least 4 GB of RAM

Prerequisites:

1. Make sure Tomcat is running fine -no errors exist in the Log files
2. Mysql Port (if remote) is open and is accessible from the Tomcat deployment environment
3. JRE version is running fine without any issues
4. Tomcat port is open.

How to Deploy:

1. Setup Database:
 - a. Login as root, execute following command on Mysql DB
 - i. Execute all commands from ots_setup_users.sql with root privileges. This will create appropriate users and give them the required privileges.
 - ii. exit
 - b. From Command prompt, browse to the directory in which ots_dump_mysql_db.sql is stored, and login as root. Once done, select ots database using "use ots" command and then execute following Command
 - i. source ots_dump_mysql_db.sql
 - ii. Logon to mysql as root, and execute all queries from grant_privileges.sql
 - c. Logon to database with user id admin/admin123 and check if following query returns a result
 - i. desc orders;
2. **Setup Tomcat**
 1. Start tomcat
 2. copy oilTransactionSys.war into webapps folder
 3. Wait for 4 minutes, the war file should explode.
 4. Stop Tomcat
 5. Open <Tomcat_Home\webapps\oilTransactionSys\WEB-INF\jdbc.properties> Validate the URL, port and dbname. There should not be any problem with port is 3306 and is open for connection
 - a. jdbc.driverClassName=com.mysql.jdbc.Driver
 - b. jdbc.dialect=org.hibernate.dialect.MySQLDialect
 - c. jdbc.databaseurl=jdbc:mysql://127.0.0.1:3306/ots
 - d. jdbc.adminUsername=admin
 - e. jdbc.adminPassword=admin123
 - f. jdbc.traderUsername=trader
 - g. jdbc.traderPassword=trader@123
 - h. jdbc.clientUsername=client
 - i. jdbc.clientPassword=client@123
 - j.
 6. Start tomcat, Launch <http://localhost:<Port>/oilTransactionSys/>

7. For logging in You can use following credentials
 - a. Manager- admin@[ots.com/123](mailto:admin@ots.com/123)
 - b. Trader- nancy@[ots.com/123](mailto:nancy@ots.com/123)
 - c. Clients
 - i. james@[ots.com/123](mailto:james@ots.com/123)
 - ii. rob@ots.com/123

How to Setup Project workspace

- Import **Source/oilTransactionSys** as maven project in Eclipse - Mars Environment
- Create a local Tomcat 8 server

Compatibility notes:

Application is compatible with Google Chrome Version 46.0.2490.86 and has been verified with the same.