

W.UP Trial work

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Usage

1. Install and configure prerequisites
 - a. JDK 8
 - b. WildFly 11 application server
 - c. Oracle 11g XE
 - d. Maven 3
2. Configure a datasource
 - a. Create a datasource in JNDI: java:/CurrencyConverterDS
or
 - b. Modify the JNDI name of the datasource in the source code: it is in method `jndiDataSource()` of class `CurrencyConverterApplication`
3. Configure database access for tests in class `TestDatasourceConfiguration`
4. Build the project `currency-converter`: `mvn clean package`
5. Deploy `.war` file to the application server
6. Test the REST API using `currency-converter-testclient`
 - a. If required, modify `BASE_URL` in class `TestWebApp`
 - b. Execute test
 - c. Modify according to your needs, re-run, etc...

Testing

- MyBatis mappers: unit tests
- Conversion Service: unit test
- REST API
 - automated tests according to test data
 - manual testing utility in project `currency-converter-testclient`
- Data used for testing is in `testData.sql`