

1. SampleAsyncServer

- ★ Middleware implementation
- ★ Includes implementation of
 - ★ TCP Server
 - ★ Data Parsing layer
 - ★ Task Creation
 - ★ Database interaction
- ★ Scripts folder contains all the scripts used for
 - ★ database set up (sql files)
 - ★ Test automation
 - ★ config files
- ★ Requires jdbc jar and Java 7 SDK

2. SampleAsyncClient

- ★ Client side implementation
- ★ Includes:
 - ★ TCP Client layer
 - ★ Implementation of messaging APIs
- ★ Requires Java 7 JDK

3. MgmtConsole

- ★ Implementation of console based view for the messaging system
- ★ Provides functionality to view the messages in all queues
- ★ Drill down:
 - ★ message count in all queues
 - ★--> messages in one queue
 - ★--> details of one message
- ★ Requires jdbc jar and Java 7 JDK

4. Analysis

- ★ Contains:
 - ★ bash scripts to initiate analysis using 'R' scripts
 - ★ 'R' programs to generate the graphs and perform the analysis

5. Data

- ★ Contains
 - ★ all the traces for the experiments in various 'rar' files
 - ★ numbered based on experiment Id
- ★ e.g. 1-40.rar contains traces results for experiments 1-40

6. CmdLineTests

- ★ Implementation of various performance tests
- ★ Implementation of Printers to write the trace files
- ★ Contains code to perform

- ★ Request-Reply
- ★ One way
- ★ Single continuous run
- ★ Other tests

- ★ Requires Java 7 JDK

7. Common

- ★ Contains utility classes used by other projects
- ★ Requires Java 7 JDK

8. ClientTest

- ★ Junit tests to verify the full functionality and all the Client APIs
- ★ Requires Java 7 JDK and Junit 4.8.2

8. Reports:

- ★ Contains
 - ★ Milestone 1 presentation
 - ★ Milestone 1 report