

Performance testing

Response time

- Test scenario for response time

The test was held by simulating 10 users accessing vertx-library server which using MySQL database. This was repeated two times. When we repeat same scenario for 50 and 100 users (threads). we did same kind of test for vertx-library server which is using Derby databases.

- Result 10 thread

For derby database, the average response time for 10 threads in both cases are between: 1200-1500;

For the same test for MySQL the result is follow: 750-1100;

- Result 50 thread

For derby database, approximate average response is between: 5700-6100;

For the same test for MySQL the result is follow: 3700-4300; but after 2minutes and 30 second response time is increasing and in both test, it is getting create than 5300.

- Result 100 thread

For 100 threads, the situation is the same as 50 threads. The response time of MySQL is less than in case of derby, but derby is more consistent. As after some time the response time in case of MySQL starting increasing.